



Public Lands in the United States

Examining the past
to build a more
equitable future

A Curriculum by The Wilderness Society and The Avarna Group



The Wilderness Society recognizes Indigenous communities for their continuing stewardship of public lands. We honor their sovereignty and respect their unique connections to and knowledge of these places. We are committed to being more conscientious and inclusive by working closely with Indigenous communities to ensure a just and equitable future.



Educators, outdoor program leaders, and supporters of public lands:

We are thrilled to share a curriculum on public lands and waters in the United States. We hope it will be a useful tool for building connections between people and America's natural landscapes.

Public lands are an important part of United States history, and they play a significant role in American life. Each year, millions of people visit public lands to relax, engage in ceremonial activities, recreate, connect with nature, and escape the stresses of the working world. These visits are an indispensable part of the American experience.

Because of their role in American life, The Wilderness Society believes it is important for everyone to have an understanding of public lands. To be accurate and complete, our understanding must include a recognition that the network of public lands we have today was Indigenous land long before the United States became a nation. In addition, when we talk about decisions made to protect public lands, we must place those decisions in the broader historical and social context in which they were made, and acknowledge that the story of public lands includes some of the most controversial and troubling aspects of American history.

This belief has driven the development of the Public Lands in the United States curriculum. A fuller reckoning with the history of public lands also compels us to act now to build a more equitable conservation community and public lands system. We hope the curriculum will generate dialogue among conservationists, recreationists and others with an interest in public lands. We also hope the curriculum will enable outdoor educators to increase understanding amongst students and visitors and inspire them to care for America's natural landscapes.

Jamie Williams

President | The Wilderness Society

Acknowledgements

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Many staff of The Wilderness Society also contributed to the development of this curriculum. Alexa Sutton Lawrence shared her research and passion for telling the story of African Americans and mixed race people in the Southern United States. Gabe Vasquez provided input from the Southwestern perspective. Barb Cestero shared her experience as an outdoor educator and conservation advocate.

The Wilderness Society acknowledges that the work of making public lands more inclusive and welcoming to all is ongoing just as this curriculum is a work in progress and a living document. We are interested in learning about the efforts of others who are also undertaking the work of creating a more inclusive conservation narrative. We welcome your feedback and comments with the goal of collaboration and improving the curriculum for future use. Please send your comments to curriculumfeedback@tws.org.

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How to Use This Curriculum

This resource is intended for use with high-school aged participants and above. Facilitating this information with younger audiences will require significant adaptation. Tables of how the curriculum links with National and Colorado State Education Standards and the K-12 Guidelines for Excellence: Environmental Education can be found in Appendix A.

The modules are divided into three sections:

Background Reading: The material will prepare you to discuss and teach the information. The background material can also be used to create new activities if desired.

Instructional Material: The lesson plans can be used in their current form or adapted to meet the needs of the program or audience. Suggestions for adaptation are found within the lesson plans.

Materials: This information supplements the background reading and lesson plans. The documents are ready to print and/or laminate for use in classrooms or teaching in the field.

The modules can be used however is appropriate for you and your participants - as stand-alone material or all together to create a complete set of lessons. Ideally, your participants would read all five modules and you would facilitate all of the activities. However, the modules were created to stand alone if necessary. Module 2 is particularly important to contextualize public lands in greater U.S. history.

When facilitating the activities, keep the following tips in mind:

“Yes and...”: This tactic is used to affirm everyone’s thoughts and experiences and to hold and understand two seemingly conflicting or paradoxical pieces of information as part of a greater narrative. Rather than saying, “yes, but...”—which puts you into opposition with your participants—say, “yes, and...” to signal that you have heard them and would like to add another thought, perspective, or idea to the conversation.

Ask open-ended questions and

WHALE: While conveying the curriculum’s specific messaging is important, wait for the participants to come to realizations on their own. The best way to do this is to ask open-ended questions or have participants reflect on questions in small groups or pairs. After you’ve asked an open-ended question, make sure to give the group time to answer.

You can use the acronym **WHALE** to make sure that the group has time and space to answer your question. If you’re having trouble getting responses to large group questions, shift to partner sharing.

Wait
Hesitate
Ask (again)
Listen
Explain

Scuba diving by choice: Expect participants to only dive as deeply as they feel comfortable. For example, some of the social history in Module 2 can be difficult to learn about, and may cause difficulty or discomfort for some participants. It’s unreasonable to expect that everyone is willing to share all of their experiences, especially if you have limited time to teach. However, if participants do share a deep experience, make note of it, thank them, and give space for them to feel heard.

Checking assumptions: When engaging with this curriculum, it is important that both the facilitator and students understand that assumptions about the way that any individual relates to nature based on their race or ethnicity are harmful, and perpetuate stereotypes. While we must consider the ways that historical and current injustices impact the collective relationship of different communities to outdoor spaces, we must also consider that each person, regardless of their race, has a unique relationship to nature

and the outdoors. Understanding historical trauma requires us to understand that we cannot assume how it shows up for different people. It is essential that we listen to the stories shared by individuals in connection to their relationship with nature, and understand that the way one person experiences the outdoors does not necessarily mean that everyone who shares their racial or ethnic identity feels the exact same way, though they may share common experiences.

However you choose to use this curriculum, we hope that you and your participants will take away the following important points:

1. Public lands are for all people. There is a place on public lands for nearly every activity and user group.
2. The history of public lands in the United States is rich and complicated. It should be considered in the context of social and political movements to fully understand how—and for whom—public lands were protected.
3. All people can benefit from public lands and can advocate to protect them.
4. There is a great need to ensure that users and managers of public lands are more representative of the people of The United States.

Land Acknowledgements

A land acknowledgement is a formal statement that seeks to recognize the unique and enduring relationship that exists between Indigenous Peoples and place. Although they have recently become more commonplace, land acknowledgments are not a new practice. They have been conducted for centuries by many Indigenous communities.

Opening an event, meeting, class, or any gathering with a land acknowledgement provides an opportunity to:

- Offer recognition and respect and begin to repair relationships with Indigenous Peoples and with the land.
- Admit ignorance, support larger truth-telling efforts, and create a broader public awareness of the history that has led to this moment.
- Counter the “doctrine of discovery” and value the experiences and narratives of the people who were here before colonization.
- Remind people that colonization is ongoing and has long-lasting and negative consequences for Indigenous Peoples of the United States and beyond.
- Learn from Indigenous protocols, entering spaces with reverence and respect.
- Recommend ongoing action and relationships to support Indigenous-led initiatives on public lands.

Whenever you are addressing a group, we encourage you to consider beginning your gathering with a land acknowledgment. Begin by contacting the Indigenous Peoples of your location and ask them whether it would be appropriate and desirable for you to deliver a land acknowledgment at your gathering. If so, invite them to participate in the land acknowledgment, offering an appropriate gift or compensation in return.

Before formulating your land acknowledgement, we recommend you take the following steps to ensure that your acknowledgement is respectful and impactful:

1. Land acknowledgments should be specific to the location of your gathering. Take the time to learn about the

Indigenous Peoples of the area and the treaties that govern and affect relations with them.

2. If you aren't able to engage with Indigenous people in person, consult the links provided (and others you may discover) to identify the peoples who historically inhabited the area and the non-Anglicized names they gave those places. Include multiple peoples in the acknowledgement if necessary. Do your best to identify all of the Indigenous communities that regarded the area as a homeland, but understand this can sometimes be difficult and in some instances is disputed.
3. Be cautious about referring to the area as the “traditional land” of Indigenous Peoples. The concept of traditional land and land ownership is a colonial concept rooted in boundary development. These are often inconsistent with relationships to land in some Indigenous cultures. “Ancestral lands” is generally a better term.
4. Your land acknowledgement will be more impactful if it goes beyond recognizing the historical and contemporary presence of Indigenous Peoples. Consider including a statement that our ongoing colonial presence on Indigenous lands compels us to take action now to counteract the effects of colonization. If possible, include a Reconciliation Action Plan that identifies specific actions and commitments you make to counteract those colonizing effects.

We provide a framework for a simple land acknowledgement below. However, before developing a land acknowledgement based on a pre-written script, consider the abilities of the group you will be addressing. In some cases, it may be more effective to provide a framework for discussion and let participants write the acknowledgement themselves.

Again, we emphasize that, whenever possible, a land acknowledgement should be drafted collaboratively with people indigenous to the place you're in.

A basic land acknowledgment could include the following statements:

- “We are on the ancestral land of the _____ (People).”

- “I respectfully acknowledge the _____ (People) of _____ (ancestral place name), who have been here since time immemorial.”
- “We acknowledge that this is the land of the _____ (People) and perhaps others of which we are ignorant. Indigenous Peoples have lived, worked and traveled here since time immemorial. We are just visitors here. We respect their communities, past, present and future, and recognize them as the original peoples of this land.
- We commit ourselves to _____ (actions) to honor the people who were here before us and to reduce the adverse effects of colonization of these lands.”

After the land acknowledgement, pause and invite any Indigenous people in the room to share. Do so even when there are no known Indigenous people in attendance. When verbally acknowledging land, this seemingly awkward pause can give more meaning to what might otherwise come across as a “check list” item, or might seem like co-option if there is someone present who has ancestral ties to place or who is involved in indigenous rights initiatives.

Finding Original Names of Tribes and Places

Only Tribal leaders are true authorities on their lands and history, but there are many sources of original Tribal names that can be helpful in these conversations. We recommend the website native-land.ca. This Indigenous-led non-profit website features an interactive map that is being constantly improved by the community. More resources can be found at the website whose.land.

Original place names are also important. Wherever possible, original names used by peoples indigenous to a place should be given alongside Euro-American names. The best source we have found for original place names is tribalnationsmaps.com. A map with tribes and place names can be downloaded for a modest fee. We encourage you to use maps like these to facilitate a discussion about place names.

What do we mean by public lands?

Main Takeaways

Federal public lands belong to everyone.

United States public lands are managed under many different departments within the federal government.

Lands can be under different designations and managed according to different goals and objectives.

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What are public lands?

Public lands and waters are areas of land and water that are managed by government agencies with guidance and support from people residing in the United States. Public lands are different from private lands, which are owned by an individual, a business or another type of non-governmental organization. Most public lands are managed by the federal government, by a state or local government, or by a sovereign tribal nation. Other lands open for public use include conservation easements on private land that are managed by nonprofit land trusts and private lands that are accessible via special hunting and fishing permits.

This curriculum will focus primarily on public lands managed by the United States government. For the purposes of this curriculum, we generally use the term “public lands” to mean areas of land and water that are managed by one of eight federal land management agencies. These federal government agencies are tasked with managing these lands and waters in trust for all people. Not all federally managed lands are public. For example, public access is tightly restricted on military bases. However, across the country, there are more than 640 million acres of parks, forests, preserves, and historic sites that are open to the public.

In formulating our working definition of public lands, we recognize that the term has different meanings to different people. In particular, Indigenous Peoples think about public lands very differently. For Indigenous Peoples, both public and private lands across the United States were and continue to be ancestral homelands, migration routes, ceremonial grounds, and hunting and harvesting places of great significance. Because of this, Indigenous communities remain deeply connected to and reliant on these places even though their ancestors were forcibly removed from them.

From an Indigenous person’s perspective, public lands are stolen lands that were taken from Indigenous people and later transformed into the public parks, forests and refuges we know today.

To best protect these lands for future generations and prevent the deep racial injustices of the past from being repeated, the entire history of public lands must be acknowledged. No portion of this history should be forgotten or overlooked. In the later modules of this curriculum, we provide a more detailed review of public lands history and provide pathways for engagement with a fuller story of public lands. We offer this as a step forward, though we recognize that there are still gaps in our knowledge and we have not yet captured the complete story.

While we strive to deepen our knowledge, we should remember that people think about public lands in different ways and value public lands for different reasons. In order to fully engage people as advocates, activists and leaders in the public lands movement, we must embrace and respect all these viewpoints. Without that recognition and respect, the promise of public lands can never be fully realized.

How are public lands managed?

Some lands have special designations that protect them for recreation and conservation. Others are preserved for wildlife and the intrinsic value of the ecosystem. Others are managed for more intensive commercial uses such as mining, logging, grazing, and energy development. Still others are preserved for their cultural significance.

Different designations and agencies have different management mandates, which determine the specific approaches to administering and regulating public lands.

Who manages public lands?

Federal public lands are primarily managed within four executive departments of the federal government: the Department of the Interior, the Department of Agriculture, the Department of Commerce, and the Department of Defense.

MOST FEDERAL LANDS ARE MANAGED BY THESE FOUR AGENCIES:

National Park Service (NPS)

MISSION: To preserve unimpaired the natural and cultural resources and values of the National Park System for the enjoyment, education, and inspiration of this and future generations.

Forest Service (USFS)

MISSION: To sustain the health, diversity, and productivity of the nation's forests and grasslands to meet the needs of present and future generations.

Fish and Wildlife Service (USFWS)

MISSION: To work with others to conserve, protect and enhance fish, wildlife and plants and their habitats for the continuing benefit of the American people.

Bureau of Land Management (BLM)

MISSION: To sustain the health, diversity, and productivity of America's public lands for the use and enjoyment of present and future generations.

THESE AGENCIES ALSO MANAGE FEDERAL LAND:

Bureau of Indian Affairs (BIA)

MISSION: To enhance the quality of life, to promote economic opportunity, and to carry out the responsibility to protect and improve the trust assets of American Indians, Indian tribes, and Alaska Natives.

Bureau of Reclamation (BoR)

MISSION: To manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

National Oceanic and Atmospheric Administration (NOAA)

MISSION: To conserve and manage coastal and marine ecosystems and resources.

Army Corps of Engineers (ACoE)

MISSION: To deliver vital public and military engineering services; partnering in peace and war to strengthen our Nation's

Land designations include:

National Parks: managed by NPS to preserve the natural and cultural resources of an area and to provide for the enjoyment of the area and its resources for future generations.

National Forests and Grasslands: managed by USFS to provide for multiple uses and sustained yield of products and services, including timber, recreation, range, watersheds, and fish and wildlife.

National Wildlife Refuges: managed by USFWS for the conservation, management, and restoration of fish, wildlife, and plant resources and their habitats. Wildlife-dependent recreation in refuges is facilitated where compatible.

National Conservation Lands: managed by BLM and designated to conserve, protect, enhance, and manage public lands for the benefit and enjoyment of present and future generations.

National Historic Sites and Parks: managed by NPS to recognize an area of national historic significance.

National Marine Sanctuaries: managed by NOAA for the nation's system of marine protected areas, to conserve, protect, and enhance their biodiversity, ecological integrity, and cultural legacy.

National Monuments: managed by NPS, USFWS, BLM, and/or USFS (in some cases, may be managed jointly). Designated by Congress or the President to protect objects or areas of natural, historic, or scientific interest.

National Recreation Areas: managed by NPS, BLM, or USFS for conservation and recreation purposes; designated for a specific purpose and may have other values that contribute to public enjoyment.

National Scenic and Historic Trails: managed by BLM, NPS, and USFS as part of the National Trails System; National Historic Trails trace the routes of historically significant events, while National Scenic Trails are longer trails managed for recreation that pass through especially scenic and significant areas.

Wild and Scenic Rivers: managed by NPS, USFWS, BLM, or USFS to preserve outstanding natural, cultural, and recreational values; protected in a free-flowing condition for the enjoyment of present and future generations.

Wilderness: managed by NPS, USFWS, BLM, or USFS based on the lack of noticeable human impact, outstanding recreation opportunities, and other historic, ecological, scientific, and education value of the land. Wilderness is designated by Congress and limits commercial activity, motorized equipment, and mechanized travel or tools, making it the most protective designation.

Wilderness Study Areas: land set aside for wilderness designation; managed to ensure the land is unimpaired for preservation until Congress designates it as wilderness or releases the land for other uses.

There are a number of protected parks and other lands that, though within the United States, are managed by a separate sovereign government. These are tribal parks and monuments, areas of land within tribal reservations that are managed and protected by the tribal government. One of the more famous examples is Monument Valley, a park managed by the Navajo tribal government.

What can you do on public lands?

The status and management designation of a particular area of public lands or waters determines the kinds of activities that are permissible in those areas. Some activities are generally permissible on all public lands, including designated Wilderness. However, they may be subject to limitations imposed by land managers in specific locations, during specific times of year, and during ceremonial use by Indigenous Peoples.

Other activities are only permissible in areas outside designated wilderness. Mining, logging, road building and energy development are generally only allowed in undesignated areas of the National Forests and Bureau of Land Management lands, although some exceptions exist. In general:

- **Hiking, fishing, ceremony and prayer, hunting, rock climbing, wildlife viewing, photography, horseback riding, kayaking, canoeing, rafting** are generally allowed on all public lands and waters, including Wilderness. As noted above, these activities may be limited in specific locations and at specific times. Livestock grazing can occur on all public lands, including Wilderness, subject to location-specific limitations.
- All activities allowed in Wilderness, plus **mountain biking, off-road vehicles, RVs, motor boats, and scenic driving** are generally allowed on public lands outside designated Wilderness, subject to location-specific limitations. Motorized and mechanized travel are prohibited in designated Wilderness.
- **Construction and road building, mining, logging, and energy development** also occur on public lands. However, they are generally limited to undesignated areas of the National Forests and BLM lands.

Generally allowed on all public lands and waters, including Wilderness:

Hiking
Fishing
Ceremony and prayer
Hunting
Rock climbing
Wildlife viewing
Photography
Horseback riding
Kayaking
Canoeing
Rafting
Livestock grazing

Generally allowed on public lands outside designated Wilderness:

All Wilderness activities
+
Mountain biking
Off-road vehicles
RVs
Motor boats
Scenic driving

Generally limited to undesignated National Forests and BLM lands:

Construction
Road building
Mining
Logging
Energy Development

In addition to these general rules, Congress sometimes grandfathered in non-conforming uses when designating a specific area. For example, a limited quantity of motorboats are allowed in the Boundary Waters Canoe Area Wilderness, and aircraft are allowed in certain Wilderness areas in the west. Always check local rules and respect closures when visiting an area.



Personal Connections to Public Lands

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Lesson at a Glance

Gallery Walk and Pair Share (15 min):

Participants will discuss how the outdoors has or has not shaped their lives by viewing and discussing visuals of outdoor places and public lands.

Brainstorm (15 min):

Participants will brainstorm ideas that come to mind with the words “public lands” and then discuss the definition of public lands.

Conclusion (5 min):

Material review and questions

Learner Outcomes

Participants will:

- Discuss the role of public lands in childhood and adult experiences.
- Have a basic understanding of the term “public lands” in a broad sense.

Getting Ready

Time: 35 minutes

Materials: Outdoor Spaces cards, butcher paper and pencil/markers

Preparation: Material collection, place public lands cards around instructional space

Location: Indoor or outdoor with room to sit in a circle and move around

Objective: To explore personal connections to public lands and develop a basic understanding of the definition of public lands.

Gallery Walk and Pair Share (15 min)

1. Distribute public lands visuals around the instructional space, with enough room for participants to gather in groups. Ensure that the images represent a wide variety of ways that people can connect with the outdoors, including urban and rural scenes and a variety of types of people doing different things. Ask the group to think quietly for a minute how the outdoors played a role in their childhood. Give the group 2 minutes to locate a visual that best describes their childhood experiences of being outside. Allow the small groups to discuss their choice with participants that chose the same visual or as a whole group, depending on group size.

2. Ask the group to move to a visual that best describes their connection to the outdoors in the present and allow time for discussion.

3. Pose the following questions to the group or pair up to discuss:

Was your choice of visual different from your childhood to now?

How did your initial exposure to the outdoors affect how you view or experience the outdoors now?

Was there a moment, event, or place that changed your perspective on being outdoors, for better or worse?

Is there an outdoor space that brings on negative feelings or memories? Ask participants to share as they feel comfortable. Note that we all have different relationships to the outdoors and to land, rooted in negative and positive feelings based on our experiences and the experiences collectively of the groups that we identify with.

Has an outdoor space ever felt like home?

Have you ever felt so connected to a place that it felt like ‘yours’?

What made it special? A beach, tree fort, bench in a city park, waterfall or overlook, etc.

4. Ask the group to consider that even if your connection to the outdoors was forged in your backyard, farm or city park, federal public lands are for all people.

So what are ‘public lands’?

Public Lands Brainstorm (15 min)

1. Create small groups of 3-5 people and pass out butcher paper and markers to each group.
2. Pose the question to the group, “*What are public lands?*” Explain that we will be doing a group brainstorm, and their task is to think of words, images, people, places, and ideas that come to mind for “public lands.” There is no correct answer, and ideas may be written as words, phrases, or even doodles. Encourage participants to open their minds up and be creative. Allow 5 minutes.

3. Ask each group to post their brainstorm in a central location and allow the group to silently review each paper. After 2 minutes, pose the following questions:

Are there similarities?

Differences?

Remind participants that we all have a different relationship to public lands.

4. Review the following definition of public lands and waters: areas of land and water that today are owned collectively by U.S. citizens and managed by government agencies; some are governed by cities and counties, some by states, some by the federal government. Offer the following concepts for discussion:
 - a. Lands considered “public lands” are often ancestral homelands, migration routes, ceremonial grounds, hunting and harvesting places for Indigenous Peoples who were forcibly removed historically and currently. Although public lands are now considered to be owned collectively by U.S citizens, much of this land was stolen from Indigenous Peoples.
 - b. There are many types of land in the U.S. not owned or managed by the federal government that are open to the public, including state, regional, and local parks and greenways, and public use or conservation easements on private land that are managed by nonprofit land trusts, and private lands that are accessible via special hunting and fishing permits. Though it is important to know about all of these lands, this curriculum is focused on federally managed lands open to the public.
 - c. We say “United States citizens” because although undocumented people living in the U.S. and non-citizens have a connection to land and use public lands, because of their citizenship status, they are not included in the formal decision-making process through their right to vote. Certainly, undocumented advocates in the NGO or academic sectors can be influential in the public lands conversation.
 - d. Public lands are the result of specific and important history in the U.S. The ongoing protection of these lands by the federal government stemmed from a conscious decision to establish a network of land that is available to the public for a myriad of reasons; including recreation, natural resource extraction, hunting, preservation of cultural resources, and more.

Conclusion (5 min)

1. Review the definition of public lands and waters- areas of land and water that today are owned collectively by American citizens and managed by government agencies. These federal lands (and many of the other types of public lands) are yours and are available to the public for their use.
2. Time for questions.

Adapt the Lesson

Create public lands visuals that reflect the green spaces in and around the instructional location.

Consider adding in a group contract discussion to promote respect and emotional safety within the group, especially around the discussion of negative experiences in the outdoors.





















Outdoor Spaces Cards



Module 1 | Lesson 1 Materials











Management and Uses of Public Lands

© John McCarthy

Lesson at a Glance

Rapid Fire Brainstorm (5 min):

Participants will collectively create a list of the different types of public lands.

Each One Teach One Activity (25 min):

Participants will teach about the map of public lands, federal land designations, and activities on different types of public lands.

Current Event Case Studies (25 min):

Participants will explore case studies and discuss issues associated with multiple use on public lands.

Conclusion (5 min): Round robin or pair share and report out. Questions.

Learner Outcomes

Participants will:

- Explore maps of federal public lands.
- Learn about the different agencies within the federal government that manage public lands.
- Learn about the different designations for public lands and recognize Wilderness as the most protective type of land designation.
- Understand the different uses for public lands and their potential conflicts.

Getting Ready

Time: 60 minutes

Materials: Each One Teach One fact sheets, print out of federal lands map, agency logos and missions, print out of organizational chart and designations cards, print out of land use icons, printouts of case studies

Preparation: Examples of land designations relevant to the audience and location

Location: Indoor or outdoor with room to sit in a circle and move around

Objective: To understand public lands distribution, how federal public lands are managed, different designations, and how uses differ depending on that designation.

Rapid Fire Brainstorm (5 min)

1. Divide participants into groups of 3-5 people. Assign a scribe and piece of butcher paper to each group. Give the groups 3 minutes to brainstorm different types of public lands found in the US. Note that examples could include federal, state, and private lands.
2. After 3 minutes, have each group put a star by each of the examples of federally managed public lands. Mention that the focus of the lesson will be on federally managed public lands.

Each One Teach One Activity (25 min)

Divide participants into 3 groups and provide a fact sheet for each topic and associated teaching materials. Give the groups 15 minutes to plan their lesson to the group, 4 minutes to present. Have groups present in the order listed below. As each group is presenting, the participants should write down 3-5 main takeaway points to share at the close of each presentation.

1. Public Lands Distribution

What percentage of the country is public lands?

How many acres are federal public lands in the US?

Poll the group for their thoughts before giving the correct answer. Who was closest? Are the numbers surprising?

(Answer: 640 million acres, 26% - in all 50 states!)

Present the map of federal public lands to the group. Ask the group to make observations about the distribution of public lands in the country.

Is it surprising? Why do you think it is that way?

As the country expanded westward, the government claimed ownership of land across the country. Through dispossession, genocide, and relocation, many Indigenous people were removed from these lands (although some still live on their aboriginal lands). Most of these lands were then transferred to individuals through grants and homestead acts. Other lands became state land when states entered the Union. However, the federal government retained ownership of some parts. In the East, the government had to purchase and acquire land later on, specifically for the purpose of conservation, not for expansion. This was done through Acts of Congress (i.e. Forest Reserve Act of 1891, Weeks Act of 1911).

Look at the key and mention the different agencies that manage public lands. Ask participants why they think multiple agencies are involved. Ask the participants to locate some public lands near to where they live and point them out on the map- answers could include city parks, privately owned conservation land, state parks, or federally-managed lands. Present the following questions:

How do you or your community use the land?

How did you find out about it?

Do you have a good story to share that happened at that place or any of the lands identified on the map of federal lands?

Who lived there before you did and where are those people now?

2. Federal Land Designations

Present the Land Management Agency organizational chart. Note that under each agency are different ways that lands are designated within that agency (in green).

Pass out the designation cards and have each person read out their card. Note that some of the designations may be managed by multiple agencies. Pose the following questions to the group:

Can you think of an example of your type of designation?

Be prepared with relevant examples to your group and location.

What challenges are there if one type of designation is managed by multiple agencies?

For example, National Monuments are managed by NPS, USFWS, BLM, and USFS. The potentially competing missions of these agencies might cause inconsistencies in management.

What is the most protective type of designation?

What is (are) the least?

(Answer: Wilderness is the most protective. Undesignated areas of National Forests and BLM land are the least protective.)

3. Federal Land Uses

The designation of a particular area of federal lands or water generally determines what activities can and cannot take place in those areas. The general rules are described below. However, activities may be subject to limitations imposed by land managers in specific locations, during specific times of year, and during ceremonial use by Indigenous Peoples.

Review the allowed activities using the land use icon cards.

a. Hiking, fishing, ceremony and prayer, hunting, rock climbing, wildlife viewing, photography, horseback riding, kayaking, canoeing, rafting are

generally allowed on all public lands and waters, including Wilderness. As noted earlier, these activities may be limited in specific locations and at specific times. Livestock grazing can occur on all public lands, including Wilderness, subject to location-specific limitations.

b. The above activities plus mountain biking, off-road vehicles, RVs, motor boats, and scenic driving are generally allowed on public lands outside designated Wilderness, subject to location-specific limitations. Motorized and mechanized travel are prohibited in designated Wilderness.

c. Construction and road building, mining, logging, and energy development also occur on public lands. However, they are generally limited to undesignated areas of the National Forests and BLM lands.

Ask each person to choose two activities that may potentially come into conflict and take 1 minute to think about why and ways to mitigate the conflict. Ask for volunteers to share their thoughts. Example: Tribes work through conflict with federal management to protect their sacred sites, sacred landscapes and areas of traditional ecological knowledge.

Case Studies (25 min)

Divide students into small groups and assign case studies. Ask each group to read each case study, together or separately, and individually take note of 2-3 takeaways from the article before discussing as a group.

Discussion Questions:

- *What designation applies to the land in this case?*
- *Who are the stakeholders in the case you read? (define “stakeholders” for the group if needed)*
- *What did each stakeholder want the outcome of the case to be?*
 - *Why?*
 - *How would that outcome affect the other groups involved?*
- *Would anything about this case have been different if the land designation were different? (think about designations that are more protective or less protective).*
- *Think about the opposing interests of the stakeholders in the case you read. Can you think of a situation where similar groups might be on the same side?*
- *What solution would you propose for this conflict? Why?*

Ask each group to share their takeaways from the article and their solution to the conflict.

Help students understand that while different land designations allow or prevent different types of land use, this does not mean that all stakeholders will agree on what the land should be used for. Point out that some designations allow for multiple uses that sometimes conflict with one another (such as BLM land, which allows for recreation as well as cattle grazing, for example). When one stakeholder claims that another’s use of an area of public land interferes with their right to use that land, the case often has to be decided in a court of law.

Conclusion (5 min)

1. Ask students to take 2 minutes to write a reflection on what they have learned- pose the following questions: Why are public lands so complicated to manage? Do the challenges associated with managing public lands relate to anything in your life? Ask for volunteers to share their responses.

Adapt the lesson:

Instructors are encouraged to provide local maps and locally relevant case studies in addition to or in place of the ones provided.

Facilitators can rework the case studies into role play scenarios, having students each represent stakeholders in each conflict. With this lesson adaptation, please ensure respectful dialogue, being careful that students do not use stereotypes to represent different identities.

Reference the following article for tips on how to powerfully teach using role plays: <https://www.zinnedproject.org/news/how-to-teach-role-plays/>.

Case Study: Mountain Biking in the Boulder-White Clouds Wilderness

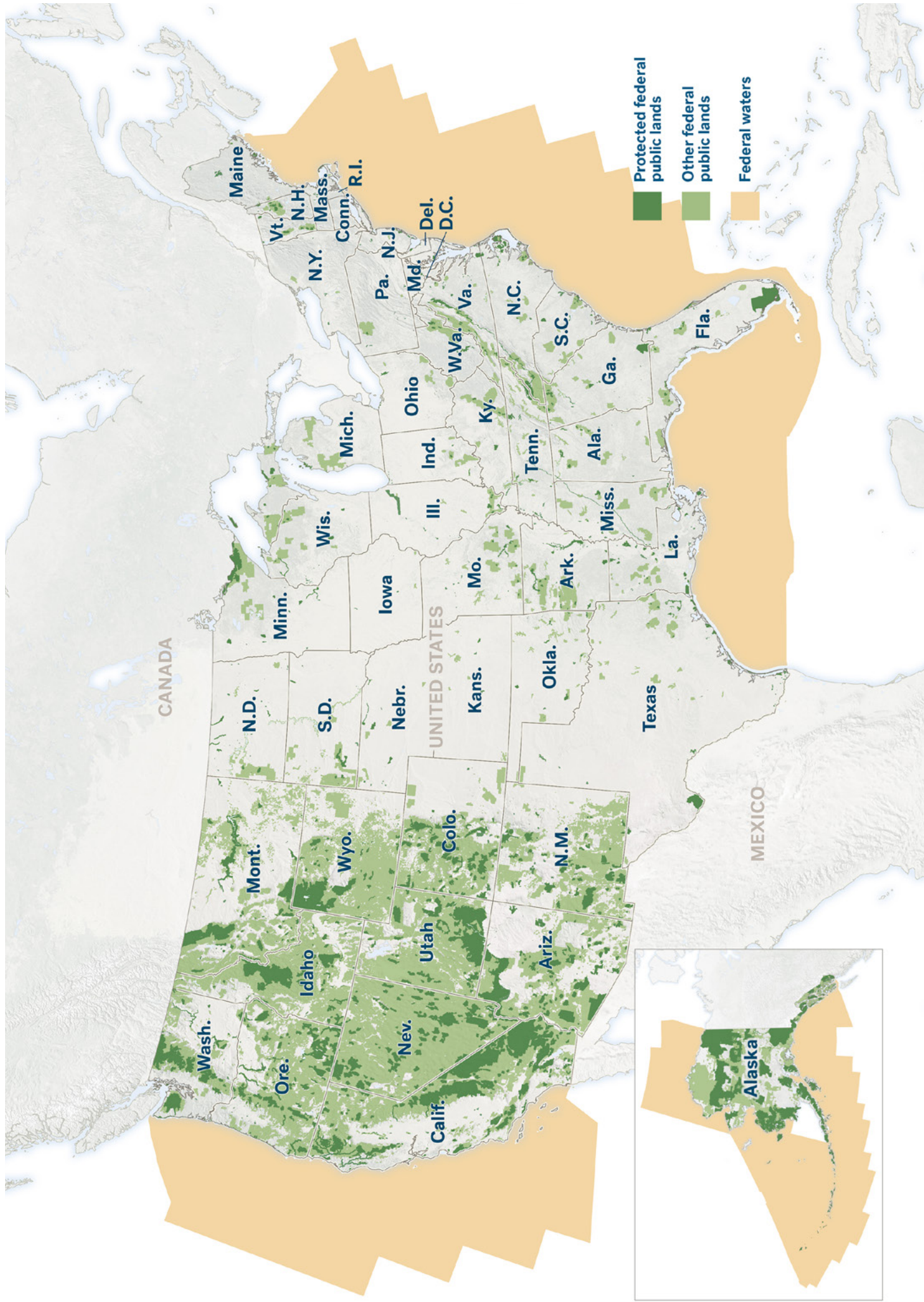
The White Cloud mountains in Idaho are a highly scenic and well loved place for many people. Over the years, this area has faced multiple threats from private industries who want to use the land to extract resources. For decades, the local conservation community has been advocating for the area, which is managed by the U.S. Forest Service, to be designated as a Wilderness area, which would make it off-limits for most types of travel that is not done on foot - including mountain biking. This designation would also ensure that the area would be permanently protected from uses that threaten the local ecosystem, such as mining. For many years, the area has been home to what some regard as the most beautiful mountain biking trails in the region. The mountain bike community argues that designating the area as a National Monument would protect the ecosystem while allowing them to continue using the land for mountain biking.

Case Study: Snowbowl

The San Francisco Peaks mountain range in Arizona has been a sacred site to the Hopi tribe since Time Immemorial. Hopi leaders say that the Peaks are home to spiritual beings who bring rain and snow to the Hopi reservation. In 1938 the U.S. Forest Service, who owns the land, made a deal with a private company to develop a ski resort. For the past 80 years, Snowbowl has been one of four ski areas in the state, and the closest to a major city, Flagstaff. Recently, the Hopi tribe has taken Snowbowl to court to contest their right to make artificial snow for use at the ski resort. The snow is made using reclaimed wastewater - otherwise known as treated sewage. The Hopi say that this practice is sacrilegious and an insult to the sacred mountains and the role they play in Hopi spirituality. Snowbowl says that making the artificial snow out of wastewater is their right, and that it is necessary to keep the resort open in light of the shorter and warmer winters that Arizona is experiencing.

Case Study: The Bundy Standoff

Nevada is one of many states in the west that contains a large amount of federally owned public lands that are managed by the BLM. Supporters of federal public lands say that keeping land under federal control is the best way to keep it out of the hands of private industries who may exploit and damage the land for their own gain. Critics of federal public lands say that local governments should decide what to do with public lands. The BLM allows for many different uses of the public lands that they manage, including cattle grazing, for which they require ranchers to pay fees. The Bundys are a family of ranchers who have been grazing their cattle on federally owned BLM land near their property in Nevada for several generations. When the Bundys failed to pay their fees to the BLM for use of the land they graze their cattle on for several years in a row, the federal government stepped in to seize the cattle. This action was met with protest from the Bundys and their supporters, many of whom showed up carrying guns. The Bundys say that they do not have to pay the fees because they claim that they inherited the right to use the BLM land for cattle grazing, without paying fees, through generations of use. The BLM points out that no laws grant ranchers the right to not pay grazing fees based on their family's historical use of that area, and says that the Bundys have to pay their fees just like everyone else who uses the land.



Bureau of Indian Affairs (BIA)



Mission:

Enhance the quality of life, to promote economic opportunity, and to carry out the responsibility to protect and improve the trust assets of American Indians, Indian tribes and Alaska Natives.

Bureau of Reclamation (BOR)



Mission:

Manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

National Park Service (NPS)



Mission:

Preserve unimpaired the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations.

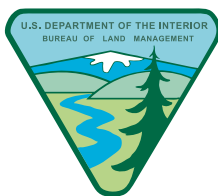
U.S. Fish & Wildlife Service (USFWS)



Mission:

Work with others to conserve, protect, and enhance fish, wildlife, plants, and their habitats for the continuing benefit of the American people.

Bureau of Land Management (BLM)



Mission:

Sustain the health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations.

U.S. Forest Service (USFS)



Mission:

Sustain the health, diversity, and productivity of the Nation's forests and grasslands to meet the needs of present and future generations.

National Oceanic and Atmospheric Administration (NOAA)



Mission:

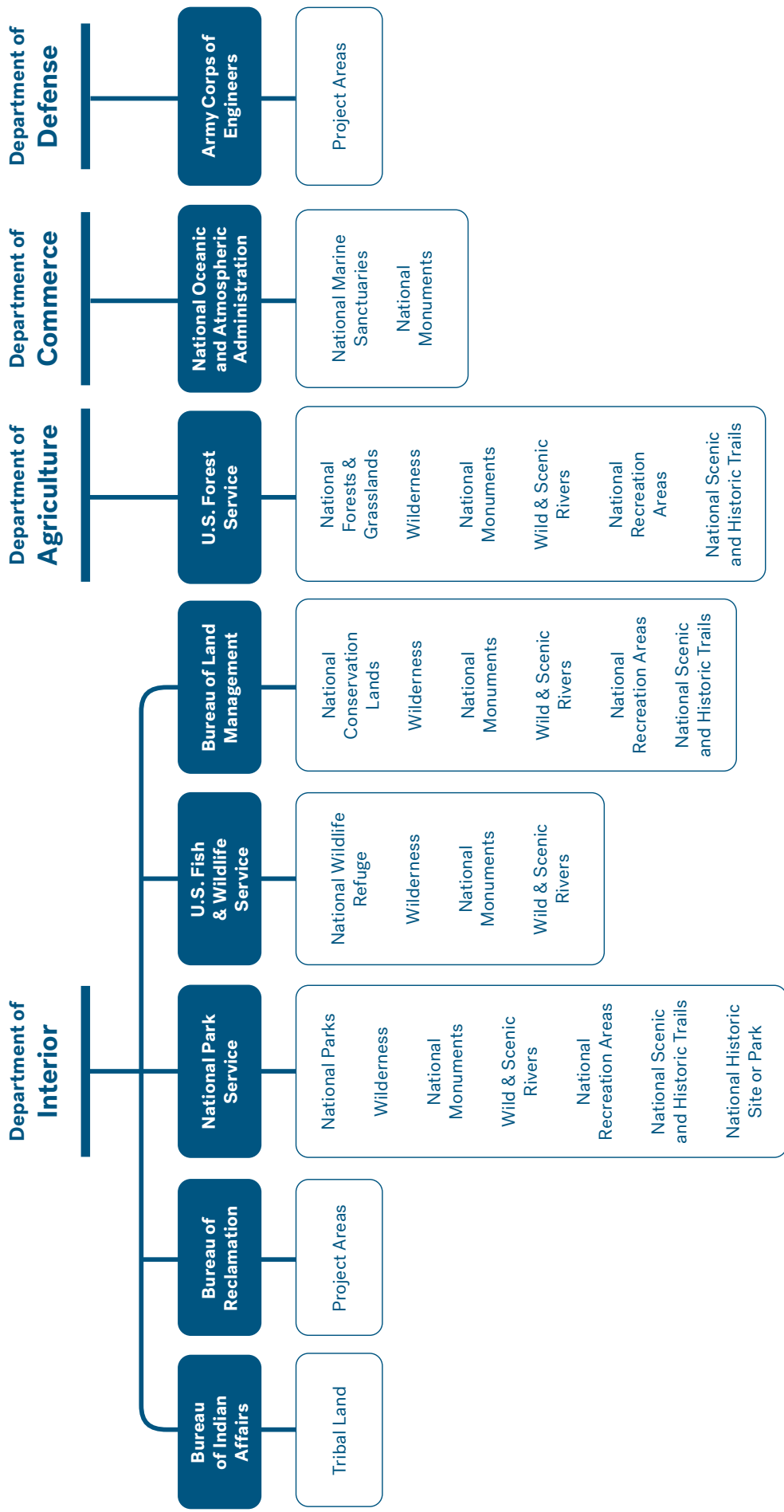
Understand and predict changes in climate, weather, oceans, and coasts, to share that knowledge and information with others, and to conserve and manage coastal and marine ecosystems and resources.

Army Corps of Engineers (USACE)



Mission:

Provide vital public engineering services in peace and war to strengthen our Nation's security, energize the economy, and reduce risks from disasters.



National Parks

Managed by NPS

Mission:

Preserves unimpaired the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations.

Wild & Scenic Rivers

Managed by one of four agencies
(depending on the river)

Mission:

Designated to preserve outstanding natural, cultural, and recreational values; protected in a free-flowing condition for the enjoyment of present and future generations.

National Conservation Lands

Managed by BLM

Mission:

Designated to conserve, protect, enhance, and manage public lands for the benefit and enjoyment of present and future generations.

Other BLM Land

Managed by BLM

Mission:

Designated to conserve, protect, enhance, and manage public lands for the benefit and enjoyment of present and future generations.

National Marine Sanctuaries

Managed by NOAA

Mission:

For the Nation's system of marine-protected areas, to conserve, protect, and enhance their biodiversity, ecological integrity, and cultural legacy.

National Wildlife Refuges

Managed by USFWS

Mission:

For the conservation, management, and restoration (where appropriate) of fish, wildlife, and plant resources and their habitats. Wildlife-dependent recreation in refuges is facilitated where compatible.

National Recreational Areas

Managed by one of three agencies
(depending on the area)

Mission:

For conservation and recreation purposes; designated for a specific purpose, and may have other values that contribute to public enjoyment.

National Monuments

Managed by one of four agencies
(depending on the monument)

Mission:

Designated by Congress or the President to protect objects or areas of historic or scientific interest.

National Forests & Grasslands

Managed by USFS

Mission:

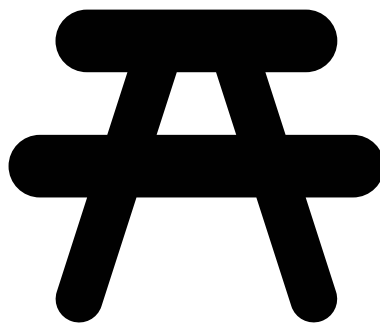
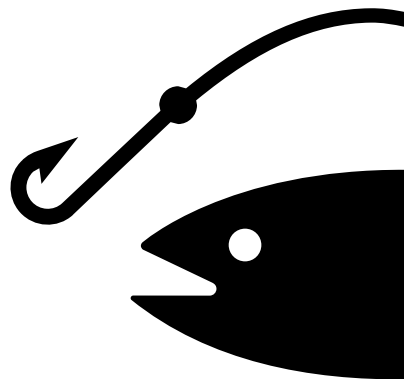
Provides for multiple use and sustained yield of products and services, including timber, recreation, range, watersheds, and fish and wildlife.

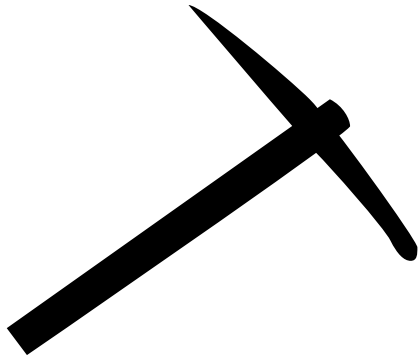
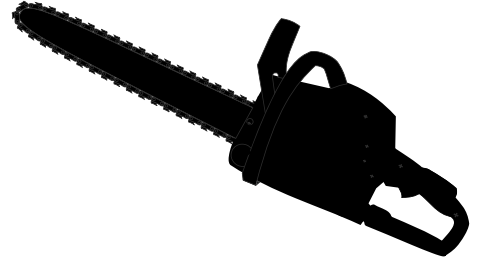
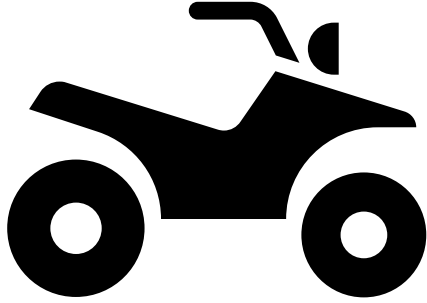
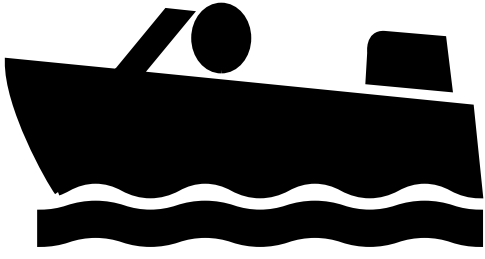
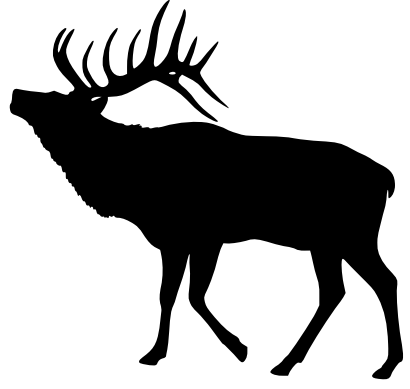
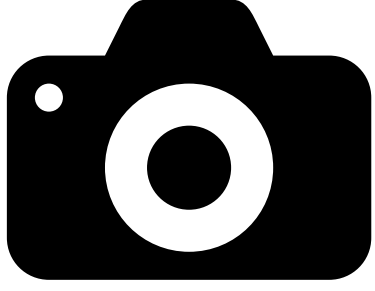
Wilderness

Managed by one of four agencies
(depending on the wilderness area)

Mission:

Wilderness is the most protective type of land designation and limits commercial activity, motorized equipment, and mechanized travel or tools.





Module 2

How did Public Lands Come to Be?

Main Takeaways

Public lands in the United States were created within the context of complex social and historical movements and mindsets.

A more complete understanding of public lands requires acknowledgement of the people and cultures who have been negatively affected throughout the complex history of public lands.

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This module will examine the history of public lands in the United States. It is important for people to know the history of public lands so that we can understand the perspectives of others who have different types of connections to these places.

When conservationists talk about the establishment of public lands in the United States, they sometimes focus on governmental decisions to protect land for future generations. However, the protection of lands as public did not occur in a vacuum. The conservation of these places reflects the larger social, cultural, and political forces and events of United States history. These influences are as diverse as the lands themselves.

With this module, we try to provide a more comprehensive history of public lands. In doing so, we try to include the stories of some of the people and communities that have been left out of the traditional Euro-American narrative.

However, the history presented in no way encompasses the complete story of the people who have been impacted by public lands. In honest recognition of our own gaps in knowledge, this curriculum remains a living document that, like our learning, will continue to evolve as we engage with more communities and do our own due diligence in uncovering the narratives of the lands that deserve to be told with permission from those who share them with us.

As we move forward enjoying, sharing, and preserving our public lands, hearing these stories and understanding the broader historical context can help us act more intentionally and work to build a more equitable conservation movement and public lands system.

Historical Overview

Time Immemorial

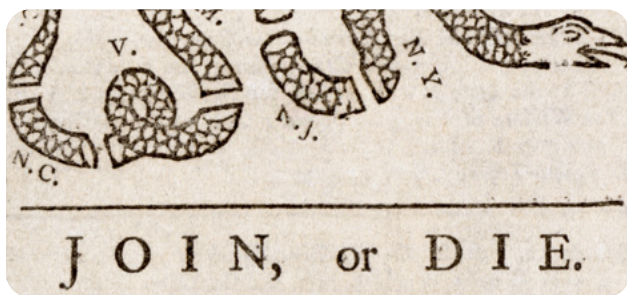


History is conveyed in different ways by different cultures. For the Indigenous Peoples of the Americas, history begins with time immemorial - time before the reach of human memory. The history of connection to the land before memory is passed on through oral tradition. Different tribes have different origin narratives, some indicating that people rose from the center of the earth (Hopi) or that man hatched from eggs (Chinook). Indigenous knowledge about the populating of what is today known as the North American continent is one form of knowledge.

Scientific knowledge also contributes to our understanding of when people were present on this continent. Archaeological data indicates that humans were in this hemisphere as far back as at least 20,000 years ago, supporting Indigenous knowledge of a presence on this land going back into deep time. Pre-Colonial population estimates vary, but Indigenous people numbered in the millions before the arrival of Europeans, with multiple and diverse Peoples across the hemisphere.

By the time of European colonization beginning in the 15th century, Indigenous Peoples were organized into sovereign tribes or nations, some independent and some nested within larger confederations. Each of these nations followed diverse traditions and had distinct leadership systems. Intricate systems of trade and barter existed along trade routes throughout the continents, as well as flourishing agricultural and scientific practices (contemporarily known as Traditional Ecological Knowledge). In many cases, these practices were more advanced than practices in Europe at the same time. Because of the violent oppression of these nations by European colonists and the failure to include Indigenous history in public education systems, our knowledge of the Peoples and cultures on this landscape into deep time is less complete. However, it is growing, both through academic study and sharing Indigenous knowledge of the past.

European Contact and Colonization



In the late 15th century, Europe was in the midst of an economic boom fueled largely by global trade from Asia and Africa. The desire for more efficient trade routes to southeast Asia (at the time called the East Indies) led trading nations like Spain and Portugal to finance expeditions across the Atlantic Ocean. On one of these expeditions, an explorer named Christopher Columbus accidentally made his way to an island in the Caribbean. At the time, he was thought to be the first European to have set foot in the Americas. New evidence suggests, however, that the Vikings may have explored into North America, possibly even into the New England area around 1000 A.D. Viking exploration had more to do with acquiring wealth, resources, and slaves - colonization was a secondary goal.

At the time of Columbus' arrival, the European powers were operating under the Doctrine of Discovery, a principle established by European powers shortly after Columbus's expedition to legitimize colonization of lands outside of Europe. The Doctrine, authorized by the Pope, claimed that European countries could seize lands occupied by Indigenous people who were not subjects of a European Christian monarch. This Doctrine was used to invalidate Indigenous life on the land, with occupiers subsequently claiming that through discovery, the land transferred to the European sovereign and then to the newly-formed United States.

Reports from Christopher Columbus and other explorers told of untapped resources and unending riches, and described the Indigenous Peoples they encountered as savages who could

be easily overpowered. European nations entered a race to colonize and establish trading enterprises on the continent. The Spanish sent many expeditions into the southeast region of what is now the United States including Ponce de Leon in 1513 and Hernando de Soto in the 1540's, although evidence suggests that Spanish slave traders set foot on the Florida peninsula at an earlier time. In 1534, Jacques Cartier began his first of three explorations of Canada's Gulf of Saint Lawrence and the Saint Lawrence River and claimed the land as New France, convinced that he had reached Asia in search of riches. Additionally, in 1602 the Dutch commissioned Henry Hudson to explore the present day Hudson River area in search of a trade route to the Indies. The Dutch established settlements near present-day Albany and Hartford.

During these early explorations, one of the main motivations was the enslavement of Indigenous people to work locally and in mines and plantations in the European settlements in the Caribbean. From 1670 to 1715, it is estimated that between 24,000 and 51,000 Indigenous people were removed from their ancestral lands in southeastern America and enslaved by the British. In New France (what is now considered Canada), records show that approximately 4,000 people were enslaved, the majority of whom were Indigenous people. Though the majority of the enslavement of Indigenous people was done by European settlers, inter-tribal enslavement also occurred between warring tribes.

Between 1607 and 1732, England established thirteen colonies along the East Coast of North America. In addition to British colonies, the Dutch, French, Swedish, Scottish, and Spanish also founded settlements in North America during this time. The colonists brought with them the European tradition of private land ownership. They believed in the principle that land can be privately owned by individual people, and viewed undeveloped land as wild and in need of clearing for cultivation and development.

African Enslavement



Privately owned land requires significant human labor in order to meet European ideals of "productive," cultivated, landscapes. In the early 1600s, colonists were hungry for labor and created a variety of inducements to urge more able-bodied workers to come to the colonies. Among these inducements was the concept of a "headright" - which meant that for each person a colonist brought to the colonies, they would be granted a certain amount of additional land. Headrights motivated the larger landowners to bring in large numbers of indentured servants, who would sign contracts to work a

set number of years before becoming landowners themselves. Although these contracts appeared to be an easy and exciting way for impoverished people to acquire passage to the colonies, they were often abused by contract holders, and people were kept in indenture for far longer than agreed to.

When the indenture system fell short of labor needs in the new colonies, the European powers turned to slavery, exploiting political turmoil in West and Central Africa to induce wealthy kings and chiefs to sell and export enemy combatants and captured civilians as laborers for Europeans. By 1660, a system of land cultivation dependent on the kidnapping and enslavement of African men, women, and children was well-established in the colonies of both North and South America. By 1860, when the last known slave ship arrived in the United States, the Trans-Atlantic Slave Trade had transported an estimated 12.5 million Africans to European colonies in North and South America, 10.7 million of whom survived the journey. As enslaved people, these African laborers were not permitted by their European and American overlords to own land, vote, learn to read or write, marry, gather in groups, self-organize, speak their language, practice most of their traditional customs, or participate in any way in the American economic or political system.

Although some African Americans were born free (descendants of pre-slavery indentured Africans, free Natives, or white ancestors) or became free during the period of enslavement, slavery and racism still shaped and dominated their daily lives. The institution of slavery especially transformed African Americans' relationship to the land. Many slaves spent their days planting, harvesting, and doing hard labor in fields under brutal conditions that included physical and psychological traumas and reflected deeply entrenched racial power dynamics. Violence and subjugation towards African Americans and the dominance of white supremacy were early hallmarks of African Americans' relationships with land and open spaces.

Genocide, Tribal Sovereignty and Broken Treaties



In contrast to the European model of private land ownership, many Indigenous communities held and continue to hold a fundamentally different concept of land use and ownership: that people belong to the land and should live in ethical reciprocity with nature. While there is no singular view held by all Indigenous Peoples, many modern communities continue to follow cultural and religious practices that are strongly based on connections to the landscape and sharing common lands.

European colonizers immediately began occupation of Indigenous lands through warfare, genocide, and slavery. Many Indigenous people also died of European diseases for which they did not have natural immunities, leaving vast tracts of land “unoccupied” and available from European perspectives. Cultural differences were perceived by Europeans as evidence that Indigenous Peoples were less than human, like the enslaved African laborers, further justifying the barbaric tactics the Europeans used.

By the 1700s, European countries had entered into numerous treaties with tribal governments. Many of these treaties recognized the principal in European law that the government of an Indigenous tribe had the legal standing of a sovereign government. Indigenous people were considered members of a sovereign nation, and the relationship between the European country and the tribe was a nation to nation relationship.

When the United States Constitution was adopted in 1787, it gave Congress the authority to regulate commerce with “foreign nations and among the several states, and with the Indian tribes.” In the Marshall Trilogy of Supreme Court cases between 1823 and 1832, the Supreme Court affirmed the status of the tribes as sovereign nations. Federal courts have also recognized a “general trust relationship” between the Federal Government and federally recognized tribes, under which the government has a duty to protect tribal treaty rights, lands, assets, and resources.

Between the time of European colonization and passage of the Indian Appropriations Act of 1871, the British and United States governments entered into hundreds of treaties with tribal governments. Many of these treaties were written to either contain Indigenous Peoples or take away their land. The Appropriations Act of 1871 ended the practice of dealing with or recognizing tribes through treaties. Ostensibly, treaties entered into before 1871 remained in force. However, many of the promises made in these treaties were subsequently broken by the United States Government when it served the government’s interests.

Early Relocations



In 1763, the British Crown temporarily defined the limits of colonial land in North America. The Royal Proclamation designated the lands east of the Appalachian Mountains as colonial lands, and the land west of the divide as an Indian Reserve. The Proclamation canceled all colonial land claims within the Indian reserve, and prohibited colonists from purchasing land in the reserve without the permission of the British Crown.

The Royal Proclamation and the designation of the Proclamation Line had different effects for Indigenous Peoples depending on location. For Indigenous Peoples who lived west of the divide, the Proclamation temporarily limited westward expansion and recognized their right to remain on their ancestral land. Many Indigenous Peoples who lived east of the line, however, were ultimately forced to move west because their traditional lands were now considered to belong to the colonies, though some tribes remained on their Eastern homelands.

Shortly after the Royal Proclamation was issued, angry colonists and land speculators quickly began pressuring the Crown to move the Proclamation Line westward, which the Crown did through treaties signed with the Haudenosaunee and Cherokee Peoples in 1768 and again with the Cherokee People in 1770. These three additional treaties moved the boundary to include what is now Kentucky, West Virginia, and eventually determined the boundary for the present-day state of Pennsylvania.

Establishment of the Public Domain



In 1776, the thirteen original British colonies declared their independence from Great Britain. The Revolutionary War that followed lasted until 1783. When the United States adopted and then ratified the United States Constitution in 1789, it declared that “[t]he Congress shall have power to dispose of and make all needful rules and regulations respecting the territory or other property belonging to the United States.”

The Constitution does not define “public lands.” However, at the time of the Constitution’s adoption, lands that were not under private Euro-American or state ownership were considered public lands. As a result, some lands inhabited by Indigenous Peoples were considered to be public land even though these lands were already occupied. By this period, Indigenous Peoples in the east, particularly in New England, had already been dispossessed of much of their land.

With the adoption of the United States Constitution and the acquisition of land through the Doctrine of Discovery, by purchase and by treaty, the United States government became a large landowner early in the 19th century. In 1812, the government began the process of disposing of a portion of that land. In that year, the General Land Office (GLO)

was formed. The GLO would play a pivotal role in westward migration and the settlement of the West. The GLO was created to survey and dispose of government land, and in doing so, it created the structure that formally distinguishes public lands from private land, including land occupied by Indigenous Peoples.

During its existence, the GLO administered two of the nation’s most significant land ownership and disposal laws: the Preemption Act and the Homestead Act. By 1849, GLO was part of the Department of the Interior. In 1946, the GLO became part of the Bureau of Land Management.

Territorial Acquisition and Western Exploration



Purchase of the Louisiana Territory from France in 1803 prompted President Thomas Jefferson to launch the Lewis and Clark Expedition, which explored the northern plains and Pacific Northwest from 1804 to 1806. The purpose of the expedition was to explore and map out the new territory, find a navigable transportation route across the western half of the continent, establish a territorial claim to the region, assess the available resources, and establish relationships with Indigenous tribes along the Missouri River. Jefferson placed special importance on declaring United States dominion over the lands occupied by the tribes.

The expedition could not have been successfully undertaken without the support of the Indigenous tribes and tribal members who guided Lewis and Clark. Despite this fact, the expedition hastened the dispossession of Indigenous lands by cementing the growing fascination of eastern Americans with the West and causing an influx of explorers, miners, fur traders, and other settlers.

Manifest Destiny, Settler Colonialism and Early Wilderness Values



Throughout the 19th century, many Americans believed strongly in Manifest Destiny - the idea that American settlers were destined to expand across North America. Historians have identified three themes that comprise Manifest Destiny:

- The special virtues of the American people and their institutions;
- The mission of the United States to redeem and remake the West in the image of agrarian America; and
- An irresistible destiny to accomplish this essential duty, sometimes described as a divine destiny or the will of God.

The widespread belief in these principles drew many colonists west, assured that their actions were sanctioned and perhaps even required by divine will. Because of their adherence to this belief system, the act of conquering and domesticating the frontier was a source of pride for colonists.

However, the use of the terms “frontier” and “pioneer,” both then and now, reinforces the perception of the West being empty land available for the taking and erases the presence of Indigenous inhabitants. In truth, this westward expansion was an example of settler colonialism in which European settlers sought to replace the Indigenous populations with settlements and farmland owned and occupied by Europeans. This colonization was not merely an organic movement driven by individuals; it was official United States government policy.

American attitudes toward wild landscapes in the 19th Century did not usually include conservation as we think of it today. The people moving westward generally saw no value in preserving landscapes in their natural state. Settlers considered undeveloped land to be evil, chaotic, dark and sinister. This was, in part, because these lands were often the source of very real hardship and danger. However, it also reflected their belief that land should be put to productive use such as farming or industry. Thus, they viewed their migration with spiritual overtones - as the conversion of darkness into light, barren to productive, the giving of order to chaos and the transformation of evil into good.

These beliefs shaped settlers’ attitudes toward Indigenous people as well. As is common with settler colonialism, early Americans viewed themselves as racially superior to Indigenous people. Many Euro-Americans considered

Indigenous people to be savages who were part of the wilderness and should be given the same status as animals. As a result of this dehumanization, settlers and the armies mustered in their name felt they had license to relocate and kill Indigenous people and dispossess them of their lands.

The beliefs and perceptions of wilderness held by the Euro-American settlers contrasted greatly with those of enslaved African Americans in the southern United States. By the beginning of the 19th century, all of the states in the north had abolished slavery (New Jersey was the last, in 1804). This greatly increased the opportunity for enslaved Africans in the southern United States to emancipate themselves by fleeing to freedom in the North. However, the road to freedom was a dangerous one, and in order to evade slave-catchers and their dogs, many African Americans followed routes through ‘undeveloped’ areas to reach safety. Some of these escapees even formed temporary or semi-permanent colonies of refuge in difficult-to-reach wilderness areas; these were known as maroon colonies, and the act of escaping to them was called marronage. These colonies are a powerful testament to the enslaved African Americans’ resistance to oppression, and a hallmark of the unique way in which they saw a connection between wilderness and freedom.

The connection between freedom and wilderness was often shared by members of free people of color communities across the eastern United States. Free people of color were largely African Americans of partially Indigenous or European ancestries. They often descended from colonial-era intermarriage between black, white, and Indigenous indentured servants. Their ranks also included some Indigenous people, an occasional South Asian or South American immigrant, and a large number of people of mixed-race parentage.

However, even free people of color were prohibited by their race from attending schools, voting, or engaging fully in the social or political freedoms enjoyed by white citizens. As a result of the often-violent discrimination they encountered, these people often settled in “undesirable,” geographically marginal areas - sometimes close to friendly Indigenous tribes or tolerant white religious communities (often, the Quakers). For free people of color, whose very existence challenged the racist assumptions and strict racial hierarchy of the early United States, hiding was essential for survival. To this day, some descendants of these communities continue to occupy areas close to wilderness.

Assimilation and Relocation



Colonial attitudes towards Indigenous Peoples were reflected in a series of government actions taken during the 19th century that were a direct attack on Indigenous culture and cultural ties to ancestral lands. These actions were aimed at forcing Indigenous people to assimilate into white European culture, and to relocate and live in “Indian territory” and later on Indian reservations.

The designation of Indian territory and the relocation of Indigenous people to that territory was sometimes asserted as a way to protect Indigenous communities from encroachment by European settlers. However, in practice these designations afforded very limited protection from white encroachment. Ultimately, relocation made it possible for Europeans to settle the country and convert the land to what they viewed as more productive uses such as agriculture, logging, mining and grazing. Relocation also made it possible for the nation to establish the public lands system that we have today.

The Indian removal period began in earnest in 1830 when President Andrew Jackson signed the Indian Removal Act. This Act called for the removal of Indigenous peoples, including the Chickasaw, Choctaw, Creek, Seminole, and Cherokee people, from their ancestral lands mostly in Southern states in exchange for lands in what would become parts of Oklahoma. The Act was strongly supported by Southerners who wanted access and title to the lands occupied by the tribes. Many tribes objected to their removal and resisted the states and federal government. One Supreme Court case, *Worcester v. Georgia*, ruled in favor of Cherokee Nation sovereignty. However, President Jackson ignored the ruling and ordered the removal of the Cherokee people from their ancestral lands. The journey from the southeast to Oklahoma became known as the Trail of Tears because of its devastating effects. On the forced march, Indigenous peoples faced hunger, disease, exhaustion, and death. Over 4,000 out of 15,000 Indigenous people died.

Early in the Indian removal period, a western explorer and writer named George Catlin envisioned the western United States as a protected reserve where Indigenous people would be allowed to continue to roam freely and live in the way they had historically lived without being confined to small areas. Catlin is sometimes credited with the first articulation of the national park concept in the United States. However, his vision for this park was very different from the type of park we know today. Unlike the vision of wilderness that emerged later in the 19th century, Catlin saw Indigenous people as a feature of the landscape. He did not regard the western landscape as

empty of humans. This vision contrasted with many of those who came after him.

A number of influential forces ensured that Catlin’s vision of the west as a reserve for Indigenous Peoples would not become national policy. In 1846, Britain relinquished its claim on Oregon, and two years later, the U.S. acquired much of what is now the Southwestern United States through the Mexican American War. These acquisitions had different overtones than the Louisiana Purchase forty years earlier. The Southwest was seen as conquered land acquired as the result of America’s military victory over Mexico. This contributed to a sense of national destiny to bring American values and governance to the western United States. Included in this, sometimes implicitly and sometimes explicitly, was a moral duty to subjugate Indigenous people living in the west, who were seen as inherently inferior to white settlers of European descent.

At the time of the Indian Removal Act in 1830, most of the officially recognized Indian territory was in present day Oklahoma, although the land west of the Missouri River and east of the Rocky Mountains was also considered Indian territory. However, increased migration of Europeans across the Indian frontier during the 1840s and 1850s dispelled any notion that the land west of the Missouri River would remain Indian territory for very long. Events such as the passage of the Kansas-Nebraska Act in 1854 forced midwestern tribes that had been relocated by treaty to Iowa, Missouri, Kansas and Nebraska into another round of treaty negotiations and land concessions. Ultimately, many of them were forced onto smaller reservations in the Indian Territory of Oklahoma.

In 1851, Congress passed the Indian Appropriations Act. This Act appropriated funds to move the Western Native American tribes onto reservations established in the Western states. This was the beginning of the western reservation system we know today. The relocation of the western tribes to reservations ignored Indigenous Peoples’ cultural and spiritual connections to their ancestral homelands.

There were many other acts passed between 1871 and 1889 under the title of “Indian Appropriations.” These acts addressed the status of Indigenous nations as “wards of the government,” the ability to sell land, and the settlement of “unassigned lands” by Euro-American settlers.

The Dawes Act of 1887 was yet another legislative action that sought to assimilate Indigenous peoples into Euro-American society. Under the Dawes Act, most land designated as tribal land was surveyed to be divided up into individual allotments to be given to tribal members. Those individuals who accepted the parcels and agreed to live separately from the tribe were granted U.S. citizenship. This had the effect of dismantling tribal governments and privatizing communally held land. Any ‘excess’ land was confiscated by the federal government and sold on the open market. The amount of land in native hands depleted from 150 million acres to 78 million acres by 1900.

In another effort to achieve assimilation, late in the 19th century the federal government began forcibly removing some Indigenous children from their ancestral lands and taking them to distant boarding schools for re-education. These

boarding schools were run by religious organizations and the government. At the schools, children were forced to dress like Euro-Americans, forbidden from speaking their Indigenous language, and converted to Christianity. In some cases, children at the boarding schools were forbidden from traveling back to their ancestral lands or from receiving family visitors, further severing their ties to indigenous culture.

Free People of Color



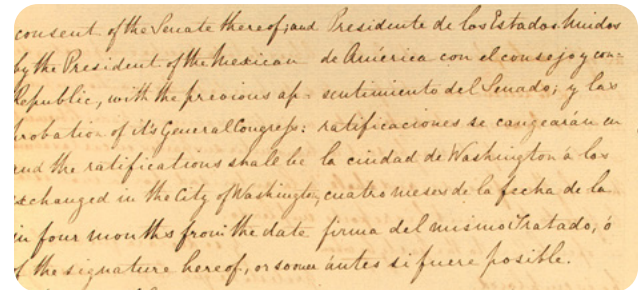
Before the Civil War, a small but growing number of African Americans gained their freedom and joined the communities of free people of color across the United States. Although these communities grew in size, they were not permitted to grow in political or legal power. These free African Americans and the free people of color became significant drivers of the growing movement to abolish slavery throughout the United States, which began to grow larger and more vocal in the early 1800s.

At the same time, a series of slave revolts (Denmark Vesey, 1822; Nat Turner, 1831) increased white Southerners' fears of both enslaved African Americans and the free people of color. Thus, during the period of Indigenous removal, white Southerners also passed a series of laws targeting the free people of color for removal: members of this class were to be sent either to the West or to the new American colony of Liberia in Africa. These removal laws generally made it illegal for a free person of color to reside in the county or state and imposed punishments ranging from fines to jailing for whites caught supporting or abetting them in staying. Although the free people of color were of diverse origins, their most vulnerable members were African American and mixed-race; for these people, the legal punishment for being caught residing in states that had expelled them was to be sold into slavery. Historians have not yet uncovered exactly how many people were enslaved or re-enslaved during this period in this manner.

As a result, from 1830 to 1860, many free African Americans were forced to migrate out of the South, seeking survival and the possibility of safe refuge in the North and West. Those who had close previous ties to Indigenous tribes (or who were related to the African American slaves held by Indigenous people) were sometimes removed under the Indian Removal Act, ending up in Oklahoma, Kansas, and Texas. Those who came from strictly insular communities of Free People often migrated toward the Midwest, to try to seek freedom through homesteading the land – they themselves becoming participants in Western Expansion. Others chose

not to migrate, risking (and sometimes sacrificing) their own freedom to remain close to their beloved and enslaved parents, spouses, children, or other family members in the South.

Further Acquisitions



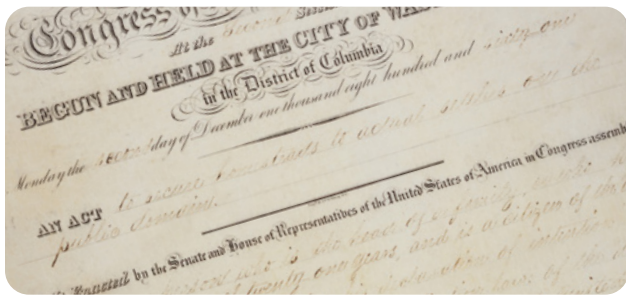
The United States acquired Texas in 1845, setting the stage for the 1846-48 Mexican-American War. The war ended with the Treaty of Guadalupe Hidalgo, which established the Rio Grande River as the southern boundary of the United States. Through the treaty, Mexico ceded to the United States parts of what is now Texas, all of California, and a large area comprising roughly half of New Mexico, most of Arizona, Nevada, and Utah, and parts of Wyoming and Colorado. Mexicans in the annexed areas were given the choice of relocating to within Mexico's new boundaries or receiving United States citizenship. Ninety percent chose to remain and become American citizens.

Many Mexicans held the title to their land through grants signed by the Spanish or Mexican government over a century earlier. The treaty signed in 1848 included a provision that the United States would respect these titles and allow the new citizens to remain on their land. In practice, however, officials did little to protect Mexican-American claims from Euro-American settlers from the East seeking to settle the same land. The migration of Euro-Americans into Mexican-American lands was encouraged by the Homestead Act of 1862, which rewarded Americans from the East for developing land in the West. Attempts by Mexican-Americans to enforce their land grants were often ignored, and the few cases that made their way into a court were tried in English, meaning Spanish-speaking citizens were unable to understand or speak for themselves.

The result was that Euro-Americans were allowed to own land, build houses, and accrue wealth, while Mexican Americans were relegated to low-wage work in segregated mining and railroad towns. Additionally, passage of the Reclamation Act in 1902 allowed private corporations to draw water from public lands, effectively superseding Mexican-American water rights promised in the treaty. Homesteaders were blocked from settling certain areas of the Mexican Cession, but instead of allowing Mexican Americans to live in these areas, they were designated as public lands. One area designated as public land later became the Gila Primitive Area, the first wilderness area designated by the United States Forest Service in 1924.

President Andrew Johnson signed the Alaska Purchase treaty with Russia in 1867 and acquired about 370 million acres for \$7.2 million. Russia's activity in the region prior to the treaty was largely missionary work and fur trapping and was limited to coastal islands and accessible mainland. During Russian occupancy, it is estimated that 50,000 Native Alaskans (half of the population) were killed due to warfare, disease, and enslavement. With Alaska becoming a United States territory, the remaining Native Alaskans were regarded the same as other Indigenous persons were at the time - they had no rights as United States Citizens, could not vote, own property, and were subjected to the same assimilation practices. Today, 104 million acres are federally protected parks and refuges in Alaska.

Legislative Milestones



In 1862, Congress passed the Homestead Act, which provided homesteaders with 160 acres of government land for farming purposes. Ultimately, more than 270 million acres of public land was given away for free to 1.6 million homesteaders. This amounted to nearly 10% of the total area of the United States.

Also in 1862, Congress passed the first of a series of Pacific Railroad Acts that provided government funding for constructing the first transcontinental railroad. The construction of the railroad would later contribute significantly to efforts to protect a portion of the federal estate for conservation and recreation purposes. The railroads made it possible for eastern Americans to see and experience the undeveloped wild spaces in the West. They were the basis for the "See America First" tourism campaign that sought to encourage people from the eastern U.S. to vacation in the American West rather than going to Europe. In this way, they contributed to a burgeoning movement to protect some lands for their natural beauty and scenic value, a movement that began to emerge in the mid-1880s.

While the construction of the railroad was considered a sign of progress and a great national achievement, much of the land acquired to build the railway was seized from Indigenous Peoples. The railroads also advertised "hunting by rail," contributing to the decimation of the Indigenous Peoples' main food source, the buffalo. Additionally, the railroads themselves were built predominantly by East Asian laborers through the use of exploitative labor practices. Chinese immigrants began arriving in the 1860s, and worked on the railroad at a grueling pace in perilous working conditions. They were paid just one-third of what their white counterparts received.

In 1863, President Lincoln put the Emancipation Proclamation into effect, which granted freedom to the 3.5 million people who had been enslaved in Confederate-held lands. Full abolition of slavery and involuntary servitude came later -- in 1865, with the 13th Amendment to the Constitution.

In January of 1865, before the ratification of the 13th Amendment, General William Tecumseh Sherman issued Special Field Order #15, setting aside land in coastal South Carolina, Georgia, and Florida to grant "a plot of not more than (40) acres of tillable land" to every family of formerly enslaved people. This plan was designed in consultation with the leaders of several African American churches in Savannah, as well as with prominent abolitionists and representatives of both the formerly enslaved and freeborn African American communities. Through land ownership, these families hoped to acquire full recognition as individual humans, and full access to the benefits of citizenship.

Under Sherman's order, a total of over 400,000 acres of land would have been distributed to formerly enslaved families. This land would have been under the control of an entirely African American local governance. The hopes of these freed families were quickly dashed, however, in the fall of 1865 when President Andrew Johnson overturned the field order and returned the land to its former Confederate owners (provided they took an oath of loyalty to the Union). This Field Order (and its subsequent reversal) became the basis for the rallying cry of "40 acres and a mule" that continues to shape national conversations about reparations for enslavement in the United States.

Birth of the Colonial Conservation Movement



In the mid-1800s, Euro-American attitudes toward wilderness began to change. The development of the West and the growing exploitation of natural resources began to cause concerns. Some Euro-Americans, many of them wealthy urbanites in the eastern states, started to view wilderness through a romantic lens and began to see nature as pristine, divine, inspirational, and a way to become closer to God. This is reflected in the Transcendentalist art and writing of the time by Thomas Cole, Henry David Thoreau, George Catlin, and Ralph Waldo Emerson, as well as the landscapes paintings of the Hudson River School which portrayed beautiful landscapes of unspoiled natural beauty. A common sentiment among Transcendentalists is captured in this Thoreau quote: "In wildness is the preservation of the world," marking the wilderness as a cultural resource.

Some of the earliest conservation efforts occurred in the cities of the East, where the urban elite sought to develop and protect public green spaces for common use. New York's Central Park, created in 1857, was an early example of urban conservation in the United States. The designer of Central Park, Frederick Law Olmsted, created dozens of urban parks across the country in his lifetime, focusing on curating natural spaces that were accessible to all classes of people.

Growing concern over the exploitation of natural resources led to the first acts of land conservation by the federal government. These acts were influenced and shaped by wealthy European Americans and their evolving view of the wilderness. Many of these actions coincided with and were made possible by the creation of the Indian reservation system and the relocation of Indigenous Peoples to reservations within that system. Noteworthy early examples include:

Yosemite Valley: In 1864, President Lincoln granted Yosemite Valley to California as a public park. This event is often cited as the first time the United States government set aside public land for public enjoyment. Some argued it should be preserved for its beauty, while others argued that Yosemite's only benefit would be commercial tourism. The Buffalo Soldiers, an all African American army regiment, were among some of the first park and backcountry patrollers. The park could not have been designated without the forced dispossession of Yosemite Valley from the Ahwahneechee people who lived there in 1851. The name "Yosemite" came from the cry heard by the Mariposa Battalion as they burned the Indigenous villages in the area; it is the Ahwahneechee word for "killers." A handful of Ahwahneechee who survived were allowed to stay on the land, but only as a cultural attraction, performing basket weaving and other traditional activities for tourists.

Yellowstone National Park: In 1872, Congress designated Yellowstone as the first National Park. Park proponents were motivated by a desire to protect the area for people's enjoyment, and to prevent commercialization and the pillaging of natural resources and historical artifacts. However, similar to Yosemite, the land that is now Yellowstone National Park is sacred and vital land for many of the surrounding Indigenous tribes, including the Shoshone, Crow, Bannock, Sheep Eater, and Gros Ventre tribes. Indigenous people had long lived, hunted, and managed the park's ecosystems through fire. These activities were seen by the federal government as contrary to the purpose of protecting the park as untouched, uninhabited wild land and, as a result, the Sheep Eater people were removed in 1879. Various tribes continued to seasonally hunt within the park boundaries until 1895, when a local law man raided an encampment of Bannock people and arrested them, killing one man and 2 children. Tribal leaders looked to the government to punish the raiders and uphold hunting rights that had been laid out in a treaty with the Bannock people in 1868. At first the Bannock hunting rights were honored in court, however the decision was overturned in 1896 when a Supreme Court judge ruled that the treaty with the Bannock people was terminated when Yellowstone became a park and furthermore when Wyoming became a state in 1890.

Adirondack Forest Preserve: From 1885-1910, lands in New York's Adirondack Mountains were reorganized into a Forest Preserve to be managed by the state, what is now Adirondack

State Park. New laws were passed restricting fishing, hunting, and making fires and the state began to patrol the forest. Subsistence families and the poor were not included on the official map of Adirondacks and were evicted from their homes. Wealthy settlers maintained land ownership and put up fences and signs to keep poor people out of their lands. Along with establishing the Forest Preserve, the state passed lumber trespassing laws criminalizing the cutting of trees except by lumber companies, developed arson laws prohibiting fires, and erected fire observation stations to enforce the arson laws.

During Henry David Thoreau's lifetime (1812-1862), a limited number of people subscribed to his views on wilderness and land protection. However, as the century wore on, things gradually changed as more people became concerned about overdevelopment. From about 1870 onward, John Muir, a Scottish American explorer who was inspired by the writings of Ralph Waldo Emerson, traveled extensively in the high Sierra, the Pacific Northwest and Alaska, and published articles and essays about his travels. Muir believed wild spaces should be protected from human impact, including Indigenous Peoples, and that a person could be closer to God, improve themselves, and find a true home in the wilderness. Muir's writings were read by many people. He would later form the Sierra Club, and be directly involved in numerous high profile land protection campaigns.

The ideas of the transcendentalists and other conservationists were, in many cases, taken from long-standing practices of Indigenous Peoples. The problems that worried conservationists, such as exploitation of natural resources and dwindling connections to nature, had only come about after European arrival and colonization on the continent. These writers, thinkers, and advocates were effectively arguing for a return to the Indigenous conservation practices that had protected the environment since time immemorial. However, they seldom gave Indigenous Peoples credit for these ideas, and failed to recognize that their treasured landscapes only existed because of Indigenous conservation.

Growing Conservation Movement and Policy Changes—1890-1920



By the late 19th century, an increasing number of men, many of them wealthy, began to adventure in the Western landscape. These men were inspired by Theodore Roosevelt, who began promoting land and water conservation for the benefit of recreation, hunting, and fishing. Roosevelt believed that a connection to nature fostered and encouraged the

uniquely American quality of rugged individualism. Roosevelt warned of the dangers of “eroding masculinity” presented by industrialization and the closing of the frontier. He saw outdoor recreation, hunting, and fishing as a way to counterbalance the ease of city life. During his Presidency, Roosevelt put 230 million acres of land into federal management as parks and monuments. However, he also supported Indigenous assimilation efforts and, as a result of his actions, many Indigenous Peoples were dispossessed of their ancestral lands.

During this period, the United States government was shifting its focus from giving land away to private owners, and moving towards land retention and management, while moving all tribes to reservations. In 1891, Congress passed the Forest Reserve Act. The Act created forest reserves, which later became National Forests. The Forest Reserves Act was one of the many pieces of legislation that inflamed a growing debate about preservation versus conservation, with those increasingly concerned with the protection of wild places pitted against those who believed natural resource extraction was also an appropriate use of public lands. The chief architects of this debate were John Muir and Gifford Pinchot, the first Chief of the United States Forest Service. Muir believed natural resources should be preserved for their intrinsic values and the needs of future generations. Pinchot espoused a utilitarian view that natural resources should be extracted for the benefit of people, and should be managed for long-term sustainability.

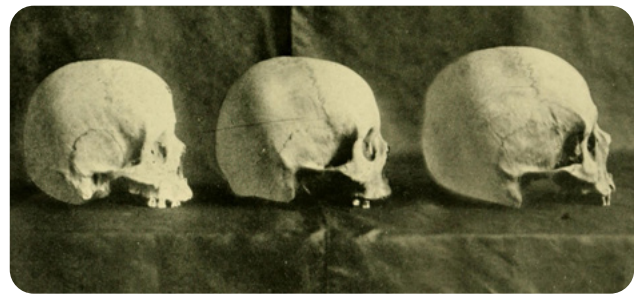
Several noteworthy public lands events took place during the first decades of the 20th century. Among them:

- 1903** Pelican Island is declared the first National Wildlife Refuge.
- 1905** The United States Forest Service is established and given responsibility for managing the forest reserves created under the Forest Reserves Act of 1891.
- 1906** Passage of the Antiquities Act gives the President the authority to establish National Monuments that have objects of historic or scientific importance. Devil’s Tower/Mato Tipila is established as the first National Monument.
- 1911** The Weeks Act allows the federal government to purchase private land in the service of protecting watersheds and streams, as well as setting aside land for forest reserves.
- 1916** The National Park Service is established to “conserve the scenery and the natural and historic objects and the wild life [of the National Parks] and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations.” The National Park Service is the only agency to have enjoyment in its mission, which makes recreation a part of the federal government’s land management mandate.
- 1920s** The “See America First” campaign launched by the railroads in the 1880s starts to resonate with the American public when the National Park Service begins portraying national parks as national assets and encourages cross country train travel to visit them.

1924 New Mexico’s Gila Wilderness is established as the first Primitive area on land that formerly belonged to Mexican citizens.

Many of these actions defined public lands as we know them today.

Conservation and Eugenics



As leaders in the environmental movement were advocating for conservation and preservation, some were also connected to the eugenics movement. Eugenics is the belief that some groups of people are genetically inferior to others, and that the groups judged to be inferior should be excluded from reproduction. The eugenicist thinking about protecting the Euro-American race sometimes seeped into the conservationist mindset of protecting wild nature.

One prominent figure in both movements was Madison Grant. In conservation, he is credited with helping establish the Bronx Zoo, helping found Glacier and Denali national parks, and saving several species from extinction. At the same time, he was a formative leader in the eugenics movement, in 1916 authoring *The Passing of the Great Race*, a book heralding white supremacy. Eugenicist ideals influenced some conservation advocacy organizations and architects of the conservation movement, including Theodore Roosevelt and Gifford Pinchot.

The eugenics movement also influenced several areas of public policy in the first part of the 20th century. Advocates touted the benefits for the environment as a justification for implementation of these policies. Grant’s book contributed to the passage of the Immigration Act of 1924, limiting “undesirable” immigration from Eastern and Southern Europe and Africa and outlawing immigration from Asia and the Middle East. Other policies limited reproduction by people eugenicists considered to be socially inadequate. States enacted laws that led to forced sterilization of 64,000 Americans with mental illnesses, epilepsy, disabilities, criminal records, and those living in poverty. Twenty-eight states outlawed interracial marriage, and six states inserted anti-miscegenation laws into their constitutions. These anti-miscegenation laws criminalized interracial marriage and sometimes sexual relations between people of different races. Most interracial marriage prohibitions remained in place until the late 1960s.

The Right To Participate in the Democratic Process



Although the actions to designate public lands were noteworthy, most of these decisions were not made by a democratically representative cross section of the U.S. population that included people from all identities and backgrounds. Before 1920, women did not have the right to vote, meaning women did not have the same right to participate in decision making about how public lands were managed. African Americans were not guaranteed the right to vote until 1965. As a result, early decisions about the management of U.S. public lands were made predominantly by Euro-American men.

In 1920, the 19th Amendment to the United States Constitution was ratified, giving women the right to vote. Ratification of the amendment made decisions about the management of public lands somewhat more democratic. However, continued discrimination in the voter eligibility laws prevented African American men and women from voting for another 45 years.

In 1924, the Indian Citizenship Act granted Indigenous people United States citizenship. Before passage of the Act, there were limited pathways to citizenship and voting rights for Indigenous people. Some tribes and Indigenous people opposed the Indian Citizenship Act out of fear that it would undermine their rights as citizens of sovereign nations and would erode their sovereignty over their ancestral lands. Furthermore, the Act did not immediately confer voting rights on Indigenous people. Some states continued to prohibit Indigenous people from voting. New Mexico was the last state to confer voting rights on Indigenous people in 1962.

Although the Fifteenth Amendment, adopted in 1870, ostensibly gave male citizens of all races the right to vote, men of color were prevented from voting in many states through legal and physical limitations. In some places, Euro-Americans used violence to prevent people of color from voting. These violent tactics included vigilante mob murders called lynchings. Lynchings were often presented as acts of justice for a variety of innocent activities or fabricated crimes. In addition to being killed for attempting to vote, people of color were killed for walking on the wrong side of the street or for various accusations of insubordination. During the period of Jim Crow, at least 4,000 African Americans and people of color were murdered in documented lynchings, though the total number killed is probably much higher.

In 1965, Congress passed the Voting Rights Act, which outlawed discriminatory voting processes that denied people of color access to the ballot for decades. Although voter suppression efforts continue today, the Voting Rights Act of 1965 has allowed dramatically more people of color to participate in elections.

Public Lands During the Great Depression



From the early 1920s through World War II, the conservation and preservation movement advanced slowly. The Great Depression halted many conservation efforts into the 1930s. However, during the era of the New Deal, government leaders saw conservation as an opportunity to create jobs. In 1933, the Civilian Conservation Corps (CCC) was created as a New Deal jobs program that offered young, unmarried men jobs in conservation. The CCC built many of the roads and structures that we see on public lands today. African Americans and Indigenous people were able to join the CCC. However, most lived and worked in segregated camps. A smaller program employed women during the same time period.

In 1934, Congress passed the Indian Reorganization Act, also known as the Wheeler-Howard Act. The goal of the law was to encourage Indigenous nation sovereignty, restore some of the lands that had been lost due to the Dawes Act of 1887 and its subsequent amendments, and promote entrepreneurship, education, and employment opportunities. Indigenous Peoples were allowed to vote on whether the act would apply to their tribe; it was rejected by 77 tribes, and accepted by 266 tribes.

In 1935, Congress created Shenandoah National Park in the Blue Ridge mountains of Virginia. Creation of the park is a noteworthy act of land protection in the Eastern United States. However, the creation of the park displaced 500 poor white families living in the area. Those who were not physically removed were forced to leave when their subsistence hunting and fishing practices were criminalized.

The Postwar Years



In the 1940s, conservation efforts fell by the wayside as the United States was embroiled in World War II. The latter half of the 1940s saw the re-emergence of federal land management as a priority. The Bureau of Land Management was formed in 1946 and took over the functions of the General Land Office and the Grazing Service. BLM became the biggest landowner in the United States, with 248 million acres of surface lands and 700 million acres of subsurface mineral rights. Similarly, the United States Fish and Wildlife Service was established in 1949. The Fish and Wildlife Service took over the management of America's National Wildlife Refuges.

During this time of renewed energy behind federal land management, the government attempted to break up sovereign nations and force assimilation through a series of laws promoting 'Indian termination' from mid-1940's to mid-1960's. The federal government terminated recognition of over 100 tribes, removed 2.5 million acres of trust land from reservations, and granted states jurisdiction over tribes and reservations. Additionally, in 1956, Congress passed another relocation act that paid for relocation expenses and vocational training to encourage Indigenous people to leave the reservation and settle in select urban areas, with the stated intent of making Indigenous people self-sufficient. Around 31,000 Indigenous people moved to cities, often far from their ancestral lands.

By the 1960s and 70s, the U.S. environmental movement took flight again, this time with a focus not only on protection of public lands, but also protection of air and water quality around the nation. Rachel Carson's 1962 book *Silent Spring* exposed the threat of environmental degradation caused by the chemicals used in pesticides and manufacturing and raised awareness of ecological issues in the United States. Carson's book built upon the work of Latinx farm workers who had laid the groundwork in the fight for reduction and regulation of pesticides, and continued to advance the cause.

In the 1960s and 70s, Congress passed several laws that furthered the protection of public lands for conservation and recreation.

- 1964** The Wilderness Act establishes the National Wilderness Preservation System, the highest form of federal land protection. The system now encompasses 803 wilderness areas totaling 111 million acres.
- 1964** The Land and Water Conservation Fund Act establishes an annual funding mechanism for acquiring

high-value parcels of land for addition to National Parks, Forests, and Wildlife Refuges. It also provides funding each year for the development of state and local parks and recreation facilities.

- 1966** The National Historic Preservation Act creates the National Register of Historic Places, National Historic Landmarks, and State Historic Preservation Offices to preserve sites of historical or archaeological significance.
- 1968** The Wild and Scenic Rivers Act protects certain rivers and river corridors for their wild, scenic and recreational value.
- 1968** The National Trails System Act establishes the National Trails System, which includes both the Appalachian Trail and the Pacific Crest Trail.
- 1970** The National Environmental Policy Act requires environmental review of the impact of proposed federal agency actions.
- 1973** The Endangered Species Act protects fish and wildlife species at risk of extinction.
- 1980** The Alaska National Interest Lands Conservation Act seeks to reconcile the needs of Indigenous subsistence hunters with the desire to create Wilderness areas in Alaska.

Changing Indigenous Legal Status



During the 20th century, Congress began to be more receptive to activism and advocacy of Indigenous Peoples in favor of their rights. Throughout the last several decades, significant legal strides have been taken in protecting Indigenous rights to land and cultural survival, though these rights continue to meet challenges.

In 1978, following centuries of religious persecution at the hands of the United States government, the American Indian Religious Freedom Act (AIRFA) granted all "American Indian, Eskimo*, Aleut, and Native Hawaiians" religious freedom under the United States Constitution and protects their right to conduct religious practices and ceremonies, which sometimes take place on public lands. Prior to this act, many Indigenous religious practices were prohibited by law. (Note that "Eskimo" is considered by many to be a derogatory term

due to its close ties to colonialism and white supremacy, and people who are not Indigenous to the Arctic region should not use this term. It is used here only for historical accuracy.)

In the Arctic, as natural resource extraction became more economically profitable in the region, Alaska's Indigenous people protested, arguing their land ownership rights were not being properly recognized. What followed was the passage of the Alaska Native Claims Settlement Act (ANCSA) on December 18, 1971. ANCSA authorized Alaska Natives to select and receive title to 44 million acres of land, and \$962,000,000 in cash as settlement of their aboriginal claim to lands within the state. Only a few years following this recognition of Indigenous rights to the economic benefits of the land in the Arctic region, in 1980 the federal government took a huge step to protect public lands and Indigenous subsistence rights through the passage of the Alaska National Interest Lands Conservation Act (ANILCA). This act protected 104 million acres of Alaska's highest value conservation lands as national parks, national wildlife refuges, national forests, national monuments, and conservation areas. ANILCA helped to both safeguard wildlife habitat and wilderness areas, as well as protect traditional and culturally important subsistence resources and practices.

In 1990, following advocacy by Indigenous leaders, Congress passed the Native American Graves Protection and Repatriation Act (NAGPRA), which established the right of "Indian Tribes and their lineal descendants" to recover possession of human remains, sacred objects, and other important items that were taken illegally or unethically, often to be kept in museums and universities. The act requires certain institutions to identify and repatriate such items to their original communities. Two years after the passage of NAGPRA, in 1992, Congress amended the National Historic Preservation Act to include culturally important sites for Indigenous communities. This qualified Indigenous cultural and religious sites to be added to the National Historic Register, and requires federal agencies to evaluate the impact of all federally funded or permitted projects on historic properties through a process known as Section 106 Review.

When it comes to how federal public lands are managed in the present day, Indigenous tribes and nations have a unique legal position. Each federal land management agency has their own established policy requiring consultation with Indigenous governments on a variety of federal land management decisions.

Civil Rights and Public Lands



America's system of public lands developed during a time when discrimination against African Americans, and the violent enforcement of that discrimination, was the law of the land. From the end of the Civil War Reconstruction period in 1877 until 1964, Jim Crow laws established and enforced a pervasive system of racial segregation in the United States. These laws separated African Americans and other people of color from whites in motels, restaurants, public transportation, public schools, colleges and universities, marriage, and many other legal and social institutions. Restrictive voting laws and practices also limited the rights of African Americans and others to vote to change these laws, primarily in southern states.

Jim Crow laws were applied in some national parks in southern states through the designation of "Negro areas" within the parks. African Americans were allowed to visit the parks, but were directed to camp and picnic in designated areas where they could not be seen by white people.

As of the mid 1930s, generally the parks followed local law and custom regarding segregation. Some bathroom facilities differed in quality with comfort stations for Whites and pit toilets for People of Color. Some picnic grounds were segregated, as well as dining rooms, coffee shops, cabins, and even parking lots. Sometimes national parks were the only public parks available to People of Color. Park visitors and civil rights groups sent many letters to the National Park Service objecting to segregation in national parks. One school teacher wrote that parks should be like embassies, with full rights for all. In 1939 Department of the Interior Director Harold Ickes experimented with integrating a single picnic area in Shenandoah hoping to show it could be successful. In 1942 all picnic areas were desegregated and in 1945 all overnight areas and concessions.

In 1964, Congress passed the Civil Rights Act, which outlawed discrimination on the basis of race, color, religion, sex, or national origin. The Act prohibited the states from discriminating in the voter registration process, and outlawed racial segregation in schools, employment, and public spaces. The following year, Congress passed the Voting Rights Act of 1965 with the specific purpose of enforcing the voting rights conferred to people of color by the Fifteenth Amendment to the United States Constitution. The Fair Housing Act, passed in 1968, outlawed discrimination in the real estate market on the basis of race, sex, sexuality, or citizenship. Also in 1968, the Indian Civil Rights Act passed, granting Indigenous people most of the rights granted in United States Constitution and Bill of Rights. These landmark pieces of legislation ended

state-sanctioned racial segregation and enabled people to more fully participate in the democratic process. This has reduced the legal barriers that kept people of color from fully enjoying our public lands, though many social and cultural barriers remain in place.

Throughout the 1960s, other populations that had been subject to discrimination continued to struggle to achieve acceptance and equal rights. Before 1962, homosexuality was illegal in the United States. However, in that year, Illinois became the first state to decriminalize homosexuality by repealing the state's sodomy laws. This began the slow process of destigmatizing homosexuality. Several states followed suit in the years that followed. In 1969, police raided the Stonewall Inn in New York City, a gay bar that served as a safe space for gay and lesbian people. The raid incited the Stonewall uprising, a protest against violence towards LGBTQ people. Within two years LGBTQ rights groups were formed in every major United States city. In 2016, the Stonewall Inn was designated a National Monument, the first federal unit recognizing LGBTQ history.

As communities gained legal nondiscrimination protections, their rights, dignity, and wellbeing increasingly became part of the cultural consciousness. These considerations also found their way into public land management and decision making. Recently, several new land designations recognized the struggle for civil rights.

- 2015** Honouliuli, the site of a former Japanese internment camp, is designated as a National Monument in recognition of the internment of Japanese Americans during World War II.
- 2016** President Obama designates Bears Ears National Monument in southeastern Utah. The monument includes numerous sites that are sacred to the five tribes of the Bears Ears Inter-Tribal Coalition, which fought for decades to protect cultural artifacts in the monument from theft. The designation creates a structure in which sovereign tribal nations would co-manage the monument and sit alongside the National Park Service in making land management decisions.
- 2016** Stonewall becomes the first National Monument site dedicated to LGBTQ history one year after the Supreme Court legalized gay marriage.
- 2017** Three national monuments, Reconstruction Era, Birmingham Civil Rights, and Freedom Riders, are designated to honor the Civil Rights movement.
- 2019** Medgar and Myrlie Evers National Monument in Mississippi is created to honor the civil rights movement and Medgar Evers' assassination in 1963.

Public Lands Today



Today, there are approximately 640 million acres of federal public land in the United States. Some lands and waters are managed for their natural characteristics. Others have been set aside for their cultural or historic value.

Public lands are under constant pressure from interests that would like to use these lands and waters for other purposes. Efforts to conserve and protect public lands have long faced opposition from industries who believe the opportunity to extract resources from public lands should be prioritized.

In 2017, industrial interests scored a victory when President Trump issued an order reducing the size of Bears Ears National Monument and Grand Staircase-Escalante National Monument by significant amounts. The order has paved the way for new mining operations within the former boundaries of these two National Monuments. The Bears Ears Inter-Tribal Coalition and organizations in the conservation community believe President Trump's order is illegal and are challenging it in court.

In recent years, some state and federal legislators and private property owners have advocated for transferring control of large amounts of federal lands to state governments. These advocates believe that state governments would do a better job of managing federal lands in a way that is sensitive to local concerns. In response, a wide array of interests including conservationists, hunters, and fisherman have pointed out that western states generally agreed to federal management of lands within their boundaries as a condition of being admitted into the union. They also note that most states could not afford to assume the costs of managing federal lands, and would have no choice but to open those lands to industrial development or sell them off to the highest bidder. This would likely result in closure of these areas to the public and significant new limits on recreation, hunting and fishing access.

At the same time, the protection of public lands for conservation and recreation consistently draws significant Congressional support. In early 2019, Congress passed the John D. Dingell, Jr. Conservation, Management, and Recreation Act, legislation that provides new protections for 2.3 million acres of public land and permanently reauthorizes the Land and Water Conservation Fund. The Act passed both chambers of Congress by wide margins and was signed by President Trump.

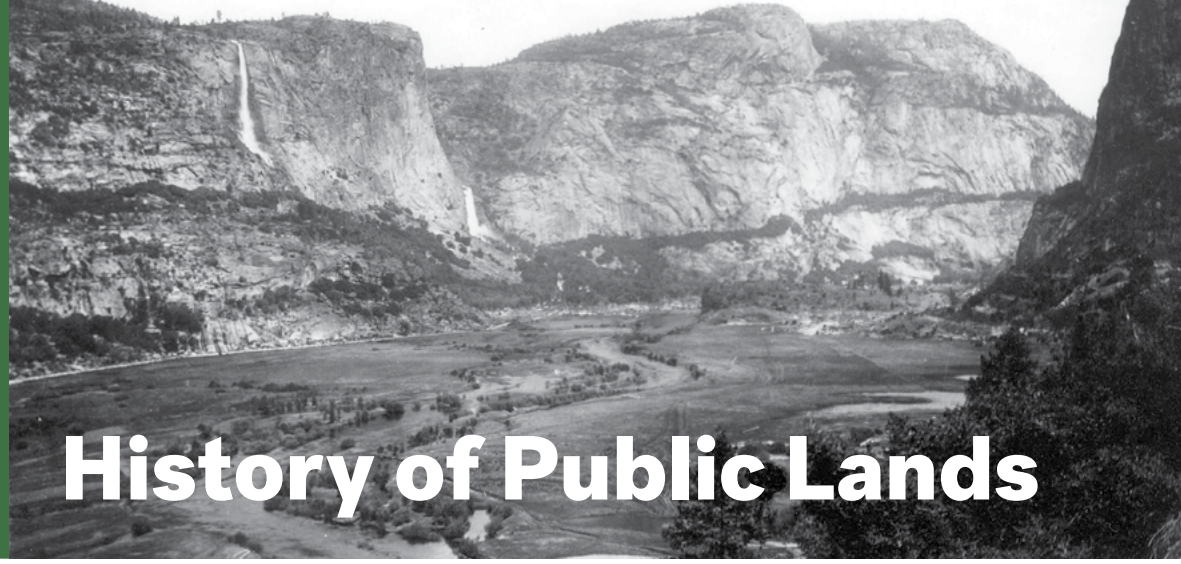
The tension between protection of public lands and the development of those lands for commercial purposes will be discussed in more detail in Module 4.

Module

2

Lesson

1a



History of Public Lands

Lesson at a Glance

Timeline Activity (30 min):

Participants will work together to lay out important events in the history of public lands in order along a timeline. The group will read through the timeline together, correcting dates and order as they go.

Debrief of Timeline Activity (25 min):

The group will discuss the timeline and answer questions.

Conclusion (5 min):

Review of concepts and feelings.

Learner Outcomes

Participants will:

- Learn about important events in the history of public lands.
- Understand that public lands did not develop in a vacuum.
- Recognize the importance of social history in defining access and stakeholders in the creation of public lands.

Getting Ready

Participants: any

Time: 1 hour

Materials: Laminated timeline cards, rope

Preparation: Lay out the rope in a line

Location: A flat space to lay out 10 feet of rope and move around

Objective: To understand the history of public lands in the context of diversity, equity, inclusion, and access.

Timeline Activity (30 min)

1. Lay out a piece of rope (about 10 feet long), and identify one end as Time Immemorial and the other end as today. Give the participants an envelope with 30-40 events in the history of public lands, with dates on the back.
2. Instruct the group to work together to correctly order the events chronologically, without looking at the dates on the back. Encourage listening and discussion. Give the group 10-15 minutes to order the dates.
3. After 15 minutes, read through the timeline together from beginning to end. Correct and reorder the events as necessary. Encourage discussion as you go, but keep in mind that you will be doing a big picture debrief next.

Debrief of Timeline Activity (25 min)

After reading through the timeline together, debrief with the following questions:

What is your immediate reaction to the timeline? Have you seen one like this before?

- a. Participants' feelings run the gamut from "mind blown!" to "guilty" to "tell me something I didn't know" to "no reaction" to "confused." Remind participants that all reactions are valid and in some ways representative of our relationship(s) to history and public lands.

How are social events like slavery related to public lands?

- a. Mention that public lands creation, expansion, and management did not happen in a vacuum. The creation of public lands is reflective of U.S. attitudes past and present, for better or for worse. For example, although slavery may seem tangential to public lands management, the legacy of slavery impacts Black and African American perception, experiences, engagement, and participation in public lands management.

Who and for whom were public lands created and protected? In particular, think about who had the right to fully participate in public lands management decisions before 1965 and before 1920.

- a. Debrief: Before 1965, African Americans, while they had the right to vote based on the ratification of the 15th Amendment on February 3, 1870, oftentimes they did not have the ability to vote or participate in any public lands management decisions, because during most of this timeline they were fighting for basic rights due to slavery and the subsequent Jim Crow Laws.

Women, on the other hand, did not have the right to vote until the 19th Amendment was ratified in 1920, so they too could not participate in public land management decisions prior to 1920.

Let's think about what else was happening in the United States while public lands management was just beginning to emerge. Many groups like African Americans, Asian Americans, Latinxs/Chicanxs, Indigenous people, women, LGBTQ people, and non-Christians had concerns outside of public lands related to their physical and cultural survival. At the same time, policy-makers actively prevented many such groups from being a part of the decision making processes. Some of these concerns facing groups who were not white Euro-American males include slavery, genocide, forced removal/internment, and legalized discrimination.

Discuss these questions in pairs, then as a whole group:

What kinds of impacts do you think forced removal and assimilation might have had on Indigenous people?

What kinds of impacts do you think slavery had on African Americans and Mixed Race Peoples' relationship to the land and outdoor spaces?

How might the inability to vote have impacted everyone but Euro-American men? How might this have prevented these people from participating as decisions makers in the birth of the public lands movement?

How would the history of public lands be different if everyone had been allowed to vote from the beginning?

What are some of the impacts of these events and concerns on public lands management today?

- a. **Indigenous Dispossession:** Dispossession of Indigenous land resulted in small parcels of often non-arable land sectioned off for Indigenous Peoples.
- b. **Erasure of Indigenous presence:** Most public lands are touted as “untrammelled, pristine, and untouched” with no discussion of Indigenous Peoples who lived or currently live on these lands. Indigenous Peoples are relegated to the status of a relic.
- c. **Erasure of African American presence:** Some public lands overlie areas that have become culturally important or sacred to African Americans, including former plantation lands and cemeteries, refuge maroon colonies, and newfound sacred sites for the religions (some still practiced today) carried over by enslaved Africans.
- d. **Distortion of Indigenous presence:** To the extent Indigenous people are mentioned, their narrative is distorted (e.g., Ahwahnechee people were allowed to remain in Yosemite Valley if they performed native art for tourists).
- e. **Cultural appropriation:** Camps and outdoor programs often appropriate Indigenous culture, symbols, or other icons such as totem poles, feathers, and teepees, while simultaneously distorting or erasing the history of the Indigenous people.

- f. **Failure to acknowledge the trauma of racism in outdoor spaces:** Even well-meaning people may assume that the historic connections to land and artifacts of nature are universal; in fact, for many African Americans (especially older African Americans), spaces like formerly segregated parks, groves of trees where people may have been lynched, or mentions of things like hunting may raise painful and traumatic memories of racist violence.
- g. **Assumptions about environmental connections and what it means to “recreate” in nature:** Some assume that there is only a single way to connect to nature, namely, the John Muir-style solitary escape into “pristine” wilderness. The reality is that different communities connect in different ways based on their culture and history.
- h. **Myopic environmental and conservation curriculum:** The traditional narrative not only doesn't mention Indigenous people, people of color, LGBTQ people, and to some extent women, but presents a narrow point of view generally held by notable white men from the 1800s and early 1900s, people such as John Muir, Theodore Roosevelt, Henry David Thoreau, Ralph Waldo Emerson, Gifford Pinchot, and Aldo Leopold.
- i. **Myopic understanding of protection and conservation:** Organizations often do not include communities' needs in the protection and conservation conversation. Protection is often in service of the health of flora and fauna, or for traditional forms of recreation. Specific needs like Indigenous subsistence hunting and fishing and spiritual practices are not considered. In addition, conservation movements rely on Western Science and do not value or consider traditional ecological knowledge or other ways of knowing.

Conclusion (5 min)

1. In Round Robin sharing style, ask the participants to describe in one word how this activity made them feel.
2. Acknowledge feelings of guilt, sadness, anger. Ask a final question: How can we take pride in and advocate for our public lands without glossing over or ignoring the complicated history surrounding them? How can we put forward a different narrative?
3. Conclude on a hopeful note: there is a lot that we can do to create a more complex and positive narrative: listening and learning, create an inclusive experience on public lands, advocate for people with marginalized identities' voices to be heard and influential in your organization's decision-making processes.

Adapt the Lesson

Include timeline events relevant to the group and/or location, add in other important place-based events.

Module

2

Lesson

1b

History of Public Lands

Lesson at a Glance

Timeline Activity (30 min):

Participants will examine public lands and social history events and pair share.

Debrief of Timeline Activity (25 min):

The group will discuss the timeline and answer questions.

Conclusion (5 min):

Review of concepts and feelings.

Learner Outcomes

Participants will:

- Learn about important events in the history of public lands.
- Understand that public lands did not develop in a vacuum.
- Recognize the importance of social history in defining access and stakeholders in the creation of public lands.

Getting Ready

Participants: any

Time: 30 min - 1 hour

Materials: Laminated timeline cards, rope, paper for additions to timeline

Preparation: Lay out the rope in a line

Location: A flat space to lay out 10 feet of rope and move around

Objective: To understand the history of public lands in the context of diversity, equity, inclusion, and access.

Timeline Activity (30 min)

1. Lay out a piece of rope (about 10 feet long), and identify one end as Time Immemorial, and the other end as today. Lay out 25-30 relevant events, making sure to include both environmental and social history.
2. Highlight the notable and well-known environmental events. Ask participants for any other events they would like to add and write them on a piece of paper to add to the timeline.
3. Have participants gallery walk through the timeline. For large groups, consider spreading the event around the room.
4. As people have finished perusing the material, ask them to pair up and discuss their initial impressions and what surprised them until everyone has had an opportunity to review the timeline.

Debrief of Timeline Activity (25 min)

After reading through the timeline together, debrief with the following questions:

What is your immediate reaction to the timeline?

Have you seen one like this before?

- a. Participants' feelings run the gamut from "mind blown!" to "guilty" to "tell me something I didn't know" to "no reaction" to "confused." Remind participants that all reactions are valid and in some ways representative of our relationship(s) to history and public lands.

How are social conditions like slavery related to public lands?

- a. Mention that public lands creation, expansion, and management did not happen in a vacuum. The creation of public lands is reflective of U.S. attitudes past and present, for better or for worse. For example, although slavery may seem tangential to public lands management, the legacy of slavery impacts Black and African American perception, experiences, engagement, and participation in public lands management.

Who and for whom were public lands created and protected?

In particular, think about who had the right to fully participate in public lands management decisions before 1965 and before 1920.

a. **Debrief:** Before 1965, African Americans, while they had the right to vote based on the ratification of the 15th Amendment on February 3, 1870, often times they did not have the ability to vote or participate in any public lands management decisions, because during most of this timeline they were fighting for basic rights due to slavery and the subsequent Jim Crow Laws.

Women, on the other hand, did not have the right to vote until the 19th Amendment was ratified in 1920, so they too could not participate in public land management decisions prior to 1920.

Let's think about what else was happening in the United States while public lands management was just beginning to emerge. Many groups like African Americans, Asian Americans, Latinxs/Chicanxs, Indigenous people, women, LGBTQ people, and non-Christians had concerns outside of public lands related to their physical and cultural survival. At the same time, policy-makers actively prevented many such groups from being a part of the decision making processes. Some of these concerns facing groups who were not white Euro-American males include slavery, genocide, forced removal/internment, and legalized discrimination.

Discuss these questions in pairs, then as a whole group:

What kinds of impacts do you think forced removal and assimilation might have had on Indigenous peoples?

What kinds of impacts do you think slavery had on African Americans and Mixed Race Peoples' relationship to the land and outdoor spaces?

How might the inability to vote have impacted everyone but Euro-American men? How might this have prevented these people from participating as decisions makers in the birth of the public lands movement?

How would the history of public lands be different if everyone had been allowed to vote from the beginning?

What are some of the impacts of these timelines on public lands management today?

- a. **Indigenous Dispossession:** Dispossession of Indigenous land resulted in small parcels of often non-arable land sectioned off for Indigenous Peoples.
- b. **Erasure of Indigenous presence:** Most public lands are touted as “untrammled, pristine, and untouched” with no discussion of Indigenous Peoples who lived or currently live on these lands. Indigenous Peoples are relegated to the status of a relic.
- c. **Erasure of African American presence:** Some public lands overlie areas that have become culturally important or sacred to African Americans, including former plantation lands and cemeteries, refuge maroon colonies, and newfound sacred sites for the religions (some still practiced today) carried over by enslaved Africans.
- d. **Distortion of Indigenous presence:** To the extent Indigenous Peoples are mentioned, their narrative is distorted (e.g., Ahwahnechee people were allowed to remain in Yosemite Valley if they performed native art for tourists).

- e. **Cultural appropriation:** Camps and outdoor programs often appropriate Indigenous culture, symbols, or other icons such as totem poles, feathers, and teepees, while simultaneously distorting or erasing the history of the Indigenous Peoples.
- f. **Failure to acknowledge the trauma of racism in outdoor spaces:** Even well-meaning people may assume that the historic connections to land and artifacts of nature are universal; in fact, for many African Americans (especially older African Americans), spaces like formerly segregated parks, groves of trees where people may have been lynched, or mentions of things like hunting may recall painful and traumatic memories of racist violence.
- g. **Assumptions about environmental connections and what it means to “recreate” in nature:** Some assume that there is only a single way to connect to nature, namely, the John Muir-style solitary escape into “pristine” wilderness. The reality is that different communities connect in different ways based on their culture and history.
- h. **Myopic environmental and conservation curriculum:** The traditional narrative not only doesn't mention Indigenous people, people of color, LGBTQ people, and to some extent women, but presents a narrow point of view generally held by notable white men from the 1800s and early 1900s, people such as John Muir, Theodore Roosevelt, Henry David Thoreau, Ralph Waldo Emerson, Gifford Pinchot, and Aldo Leopold.
- i. **Myopic understanding of protection and conservation:** Organizations often do not include communities' needs in the protection and conservation conversation. Protection is often in service of the health of flora and fauna, or for traditional forms of recreation. Specific needs like Indigenous subsistence hunting and fishing and spiritual practices are not considered. In addition, conservation movements rely on Western Science and do not value or consider traditional ecological knowledge or other ways of knowing.

Conclusion (5 min)

1. In Round Robin sharing style, ask the participants to describe in one word how this activity made them feel.
2. Acknowledge feelings of guilt, sadness, anger. Ask a final question:

How can we take pride in and advocate for our public lands without glossing over or ignoring the complicated history surrounding them?

How can we put forward a different narrative?

3. Conclude on a hopeful note: there is a lot that we can do to create a more complex and positive narrative: listening and learning, create an inclusive experience on public lands, advocate for all voices to be heard and influential in your organization's decision-making processes.

Adapt the Lesson

Add in locally relevant events to the timeline.

Indigenous Peoples have lived on this land since time immemorial.

Native Nations govern, respect, manage, and maintain traditional lands.

Evidence for **Viking presence** in North America.

European countries, including England, Spain, and France, explore the Caribbean, Central and North America in search of trade routes. Operating under the **Doctrine of Discovery**, European countries legitimized colonization, invalidated Indigenous land ownership, and enslaved Indigenous Peoples.

Establishment of 13 British Colonies along the east coast of the North American Continent. The Dutch, French, Swedish, Scottish, and Spanish also founded settlements during this time. Despite already being occupied by many Indigenous Peoples, explorers and settlers take credit for discovering the land and claim it as their own. This starts a narrative that the land and waters belong to the European settlers rather than Indigenous Peoples.

African enslavement begins with 20 Angolans who arrived in Virginia. Slave labor enables the settlement and development of land across many of the original British colonies. Slavery and its debate shapes and influences many early US land decisions including the Louisiana Purchase and the Annexation of Texas. Slavery also shapes African Americans' relationship to the land. Many slaves spend their days planting, harvesting, and doing hard labor in fields often under brutal conditions including physical and psychological threats. Engagement with land was linked to a social hierarchy and reflected deeply entrenched racial power dynamics. Violence and subjugation towards African Americans and the dominance of white supremacy were early hallmarks of African Americans' relationships with land and open spaces. Ultimately over 400,000 Africans are enslaved and brought to North America.

Time Immemorial

~1000 AD

Late 1400's and 1500's

1607-1732

1619

Britain set the **Proclamation Line** to temporarily defined the limits of colonial land in North America. Lands east of the Appalachian Mountains were declared colonial lands and the land west of the divide as an Indian Reserve. The Proclamation canceled all colonial land claims within the Indian reserve and prohibited colonists from purchasing land in the Indian Reserve. Through subsequent treaties in 1768 and 1770 with Indigenous Peoples, present day Kentucky and West Virginia were declared colonial lands.

The **Treaty of Paris**, marking the end of the American Revolutionary War (1775-83), acknowledges the sovereignty of the United States and defines the original borders of the United States as all of the land east of the Mississippi River, north of Florida and south of Canada (almost the exact border we have today).

The U.S. Constitution establishes the **government's authority over "property belonging to the United States"** and specifically the right to retain, dispose of, and manage lands. Lands that were not under private Euro-American or state ownership were considered "public lands".

Purchase of the Louisiana territory from France causes President Jefferson to launch the **Lewis and Clark Expedition**, by which the U.S. seeks to explore and map out the new territory, find a navigable route across the western half of the continent, establish a territorial claim to today's Pacific Northwest region, assess the resources in the new territory, and establish relationships with Indigenous tribes throughout the region. Jefferson places special importance on declaring U.S. dominion over the lands occupied by the tribes. The expedition could not have been successfully undertaken without the support of Indigenous tribes and tribal members like Sacagawea who guided Lewis and Clark.

U.S. General Land Office (GLO) is formed to survey and sell public land. The GLO creates a structure that formally distinguishes public lands from private land. The GLO administers two of the nation's first significant land ownership/disposal laws, including the Homestead Act and the Preemption Act.

1763

1783

1789

1804-1806

1812

Signed by President Andrew Jackson, the **Indian Removal Act** calls for the removal of Indigenous people, including the Chickasaw, Choctaw, Creek, Seminole, and Cherokee people, from their ancestral lands mostly in Southern states in exchange for lands in what would become parts of Oklahoma.

As part of the implementation of the Indian Removal Act, Indigenous Peoples are forced to give up their lands east of the Mississippi River in what is now Georgia and Tennessee to lands in what would become Northern Oklahoma. Indigenous Peoples later call this journey the **Trail of Tears** where they face internment, hunger, disease, and exhaustion. Over 4,000 out of 15,000 Indigenous Peoples die.

The **Treaty of Guadalupe Hidalgo**, which ends the Mexican-American war, establishes the southern boundary of the United States as the Rio Grande River. Through the treaty, Mexico cedes parts of what is now Texas, all of California, and a large area comprising roughly half of New Mexico, most of Arizona, Nevada, and Utah, and parts of Wyoming and Colorado. The treaty included a provision that the United States would respect land and water titles and allow the new citizens to remain on their land, however the U.S. does little to uphold those claims.

The **Indian Appropriations Act** displaces indigenous populations across the United States. The 56 million acres of sovereign tribal lands (mostly west of the Mississippi) are established to permanently relocate Indigenous populations from across the country. Additional appropriations acts were passed between 1871 and 1889 and addressed the status of Indigenous nations as ‘wards of the government’, the ability to sell land, and the settlement of “unassigned lands” by Euro-American settlers.

New York City’s **Central Park** is designed by Frederick Law Olmsted as an early example of urban conservation.

1830

1838

1848

1851

1857

The **Pacific Railway Act** provides government support for building the first transcontinental railroad. Much of the land acquired to build the railway is seized from Indigenous Peoples. Railroads are built predominantly by East Asian laborers through the use of exploitative labor practices. The railroad, which was essential to getting Euro-Americans to see public lands, contributed greatly to the decimation of the buffalo population, a staple for Indigenous Peoples.

The **Homestead Act** provides homesteaders with 160 acres which was initially dispossessed from Indigenous people. Though it ultimately creates tracts of private land, the impetus for many settlers to take advantage of the act is the accessibility of vast and seemingly empty lands abutting private land parcels.

Under the **Yosemite Grant Act**, President Lincoln grants Yosemite Valley to California as a public park, marking the first time the federal government sets aside public land for public enjoyment. The park could not have been designated without the forced dispossession in 1851 of Yosemite Valley from the Ahwahneechee people. Some of the first park patrollers were Buffalo Soldiers, an all African American army regiment.

General Sherman issues **Special Field Order #15**, setting aside land in coastal South Carolina, Georgia, and Florida to grant “a plot of not more than (40) acres of tillable land” to every family of formerly enslaved people. Months later, President Andrew Johnson overturned the order and returned the land to its former Confederate owners.

President Andrew Johnson signs the **Alaska Purchase** and acquires approximately 370 million acres for \$7.2 million. Native Alaskans were subjected to the same assimilation practices as Indigenous Peoples in the continental U.S. Today, 220 million acres are federally protected parks and refuges in Alaska.

1862

1862

1864

1865

1867

The **Indian Appropriations Act** ended the practice of dealing with or recognizing tribes through treaties. Treaties entered into before 1871 remained in force. However, many of the promises made in these treaties were subsequently broken by the United States Government when it served the government's interests.

Yellowstone is designated by Congress as the **first National Park**.

Enacted in cities and states across the south after the Civil War, the first **Jim Crow Laws** legalize racial segregation and discrimination. Although slavery is abolished in 1865, African Americans continue to experience severe discrimination. Parks at the time are segregated with separate campgrounds and picnic areas for white people and people of color. Public lands are not equally available and accessible to all when people enter the park. People of color are also terrorized by the rise of the Ku Klux Klan which carried out acts of violence, such as lynching, in wooded areas.

The **Dawes Act** is passed, calling for most designated tribal land to be divided up into individual allotments and those who accepted the parcels and agreed to live separately from the tribe were granted citizenship, effectively dismantling tribal governments and communally held land. Any excess land was confiscated by the federal government and sold on the open market. The amount of land in native hands decreased from 150 million acres to 78 million acres by 1900.

Lands in the Adirondacks are reorganized into a **Forest Preserve**. New laws are passed restricting fish and game and fires and more and forest begins to be patrolled. People not on the Official Map of Adirondacks are deemed squatters and asked to leave with eviction notices, except the wealthy, who then put up fences and signs to keep poor people out of their lands. Along with the Forest Preserve, the state passes lumber trespassing laws criminalizing the cutting of trees except by lumber companies, ramps up arson laws prohibiting fires, and erects fire observation stations to enforce these arson laws.

1871

1872

1877

1887

1885-1910

The **Forest Reserve Act** creates forest reserves, which later become National Forests under the purview of the Forest Service.

The **Reclamation Act** marks the beginning of modern water law, formalizing the ability of private corporations and agriculture to draw water from public lands. The Reclamation Act often supersedes Mexican-Americans claims to water rights that were initially promised in the Treaty of Guadalupe de Hidalgo.

Pelican Island is declared **first National Wildlife Refuge**.

The **U.S. Forest Service** is established.

The **Antiquities Act** gives the President the authority to establish National Monuments that have objects of historic or scientific importance. Devil's Tower/Mato Tipila is established as the first National Monument.

1891

1902

1903

1905

1906

The **Weeks Act** allows the federal government to purchase private land in service of protecting watersheds and streams, as well as setting aside land for forest reserves.

The **National Park Service** is established through the National Park Service Organic Act.

The **19th Amendment** grants women the right to vote. Prior to this date women were not able to formally participate in public lands management decisions.

The **See America First** tourism campaign launches in the 1800's by railroads such as the Northern Pacific, Santa Fe, and Great Northern in an attempt to gain passengers by promoting places like Yellowstone, Glacier, and Grand Canyon National Parks as tourist destinations. The See America First campaign finds most of its success, however, when the National Park Service begins portraying national parks as national assets during the 1920's and encourages cross country train travel to visit these places.

The **Equal Rights Amendment** is introduced to prohibit discrimination based on sex. It eventually passes Congress in 1972, but fails to receive enough state ratifications to become law. Even though women could now vote, they continue to experience discrimination based on sex.

1911

1916

1920

1920s

1923

New Mexico's **Gila Wilderness**—on land that formerly belonged to Mexican citizens—is established as the **first Primitive Area**.

The **Chinese Exclusion Act** is passed to prohibit immigration by people of Asian descent and to legitimize racial discrimination. The transcontinental railroad was built by Asian laborers, and the railroad was the vehicle for the See America Campaign, which encouraged people to travel West to experience the beauty of public lands.

The **Indian Citizenship Act** grants Indigenous people citizenship. It is met with a mixed reaction from Indigenous people, as some wish to remain as sovereign nations and citizens. The Act creates fear that Indigenous people will lose even further sovereignty over their ancestral lands after 300 years of dispossession.

The **Civilian Conservation Corps (CCC)** is created as a New Deal jobs program that offers young, unmarried men jobs in conservation. A similar series of "She-She-She" camps employ a small number of women in conservation efforts for a short time. African Americans and Indigenous people were able to serve, mostly in segregated camps.

The **National Housing Act** creates the Federal Housing Administration, which permits redlining in housing deeds and covenants to prohibit people of color and Jews from receiving loans, owning or living in houses in certain neighborhoods. This impacts some people's basic rights to own land and property.

1924

1924

1924

1933

1934

The **Indian Reorganization Act** encourages Indigenous nation sovereignty, restores some of the lands that had been lost due to the Dawes Act of 1887 and its subsequent amendments, and promotes entrepreneurship, education, and employment opportunities for Indigenous Peoples.

Establishment of **The Wilderness Society**

Shenandoah National Park is created, and 500 families are displaced in the process. This is one of many public lands areas along the Appalachian Mountains that is created through the displacement of poor white families. To the extent families are not physically removed, they are forced out due to criminalization of subsistence hunting and fishing practices.

Japanese Internment Camps are established during World War II. America's Japanese citizens (some multigenerational) are rounded up and interned in camps throughout the U.S. Most of these camps were on land that today is part of the public lands system.

The **Bureau of Land Management (BLM)** is established and takes over the responsibilities of the former General Land Office.

1934

1935

1935

1942

1946

The **U.S. Fish and Wildlife Service (USFWS)** is established.

Congress passes the **Indian Relocation Act**, which provided for relocation expenses and vocational training to encourage Indigenous Peoples to leave reservations, settle in select urban areas, and become more 'self-sufficient'. This act is part of a series of laws promoting 'Indian termination' from mid-1940's to mid-1960's - the federal government terminated recognition of over 100 tribes, removed 2.5 million acres of trust land from reservations, and granted states jurisdiction over tribes and reservations.

Illinois becomes the first state to **decriminalize homosexuality** by repealing sodomy laws. Several states follow in the years to come, starting to legalize and destigmatize homosexuality.

Rachel Carson's 1962 book **Silent Spring** exposed the threat of environmental degradation caused by the chemicals used in pesticides and manufacturing and raised awareness of ecological issues in the U.S. Carson's book built upon the work of Latinx farm workers who had laid the groundwork in the fight for reduction and regulation of pesticides, and continued to advance the cause.

The **Wilderness Act** establishes Wilderness, the highest form of federal land protection.

1949

1956

1962

1962

1964

The **Civil Rights Act** is passed, opening the door for people of all identities, regardless of race, color, religion, sex, or national origin, to fully participate in the U.S. democratic process.

The **Land and Water Conservation Fund**, a critical conservation and recreation program, is created from the royalties of off-shore oil and gas drilling.

The **Voting Rights Act** provides legal protection against racial discrimination in exercising the right to vote. This act marks the point in time that all Americans are finally eligible to participate in public lands management decision-making.

The **Wild and Scenic Rivers Act** is passed to protect rivers and river corridors.

The **National Trails System Act** establishes the National Trails System, which establishes both the Appalachian Trail and the Pacific Crest Trail.

1964

1964

1965

1968

1968

The **Indian Civil Rights Act** grants Indigenous people most of the Bill of Rights, including the right to free speech, freedom from unreasonable search and seizure, and protection against cruel and unusual punishment. It is worth noting that this act came after the Civil Rights Act, and that up to this date discrimination against Indigenous people was both condoned and legal.

Police raid the **Stonewall Inn** in New York City, an establishment created as a safe space for gay and lesbian people, inciting the Stonewall Riots that protest violence against LGBTQ people. Within two years of this event, LGBTQ rights groups sprouted up in every major US city.

Congress passes the **The National Environmental Policy Act** requiring environmental review of the impact of proposed federal agency actions.

Following the discovery of oil in the Arctic, Alaska's Indigenous people protested, arguing their land ownership rights were not recognized. In compensation, the **Alaska Native Claims Settlement Act (ANSCA)** authorized Alaska Natives to select and receive title to 44 million acres of land, and \$962,000,000 in cash as settlement of their aboriginal claim to lands within the state.

The **Endangered Species Act** passes to protect fish and wildlife.

1968

1969

1970

1971

1973

The **American Indian Religious Freedom Act (AIFRA)** grants all “American Indian, Eskimo, Aleu, and Native Hawaiians” religious freedom under the United States Constitution and protects their right to conduct religious practices and ceremonies, which sometimes take place on public lands. For centuries prior to this act, many Indigenous religious practices were prohibited by law.

Alaska National Interest Lands Conservation Act (ANILCA) protects 104 million acres of Alaska’s highest value conservation lands as national parks, national wildlife refuges, national forests, national monuments, and conservation areas. The law helped to safeguard wildlife habitat and wilderness areas, as well as traditional and culturally important subsistence resources and practices.

The **Americans with Disabilities Act** prohibits discrimination against people with disabilities in all areas of public life including employment, transportation, public accommodations, and access to state and local government services.

The **Native American Graves Protection and Repatriation Act (NAGPRA)** establishes the right of “Indian Tribes and their lineal descendants” to recover possession of human remains, sacred objects, and other important objects that were taken illegally or unethically. The act requires certain institutions to identify and repatriate such items to their original communities.

During the first National People of Color Environmental Leadership Summit, the participants draft the **17 principles of Environmental Justice** to guide the fight against environmental discrimination.

1978

1980

1990

1990

1991

First enacted in 1966 to protect historic properties and archeological sites from destruction, the original **National Historic Preservation Act** did not mention Indigenous peoples or their culturally important sites. In 1992 the act was amended to include Native cultural and religious sites on the National Historic Register. Among other things, the act requires federal agencies to evaluate the impact of all federally funded or permitted projects on historic properties (buildings, archaeological sites, etc.) through a process known as Section 106 Review.

The **Defense of Marriage Act (DOMA)** passes, barring the federal government from legally recognizing the validity of same-sex marriages.

The **Omnibus Public Land Management Act** adds millions of acreage to existing federal protection schemes, expand the types of designations, and expand the role of agencies in protecting public lands.

The **Matthew Shepard and James Byrd Jr. Hate Crimes Prevention Act** is signed, which extends the definition of a hate crime to include hate crimes based on gender identity, gender expression, sexual orientation, and ability.

Honouliuli, the site of a former Japanese internment camp, is designated a National Monument.

1992

1996

2009

2010

2015

Stonewall becomes first National Monument site dedicated to LGBTQ history, one year after the Supreme Court legalizes gay marriage.

President Obama designates **Bears Ears National Monument** in southeastern Utah. The monument, designated at the request of the Bears Ears Inter-Tribal Coalition, includes numerous sites that are sacred to tribal members.

Three national monuments, **Reconstruction Era, Birmingham Civil Rights, and Freedom Riders**, are designated to honor the civil rights movement.

Medgar and Myrlie Evers National Monument (Mississippi) created to honor the civil rights movement and Medgar Evers's assassination in 1963.

2016

2016

2017

2019

Module

2

Lesson

2

Early Attitudes and Shifting Perceptions of Wilderness

Lesson at a Glance

Journal Activity (10 min): Participants will reflect on their own values of “wilderness” and discuss.

Early Attitudes Towards Wilderness:

Teaching Groups (10 min): Teaching groups will explore manifest destiny, settler colonialism, or early wilderness values and share their knowledge in small groups.

Early Attitudes Towards Wilderness:

Debrief (5 min): The group will discuss the three attitudes towards wilderness with a series of debrief questions.

Shifting Perceptions: Speeches from Famous Environmentalists (20 min): Break participants into four groups to become an expert on one famous environmentalist and deliver a speech to the group.

Shifting Perceptions: Debrief (10 min):

The group will discuss how different ideals from the early environmental movement influenced what it is today.

Conclusion (5 min):

Discuss personal connection to historical perspectives, time for questions.

Learner Outcomes

Participants will:

- Understand that there are many different ways to value wilderness, and that perceptions have shifted over time.
- Learn about how the ideals of four major figures helped shape the environmental movement.
- Explain the difference between conservation and preservation.

Getting Ready

Time: 1 hour

Materials: Printed environmentalist cards and speeches, printed wilderness values info cards, journals, and pencils

Location: A space to sit in a circle and move around

Objective: To understand how perceptions toward wilderness have shifted over time.

Journal Activity (10 min)

1. Ask participants to think about the word “wilderness.” What thoughts, ideas, emotions, and images come to mind? Take three minutes to journal silently. This can be in the form of a paragraph, words and phrases, and/or drawings.
2. Bring the group back together and take a few minutes to share and discuss responses.
3. Notice any trends. Typical responses may include pristine, untouched, peace etc.
4. **Ask:** “What do you think this place means or meant to the Indigenous people in this area?” and discuss.
5. **Conclude:** Most cultures throughout the world have some understanding or connection to the concept of wilderness, but they do not all define it in the same way or value it the same way. To Indigenous cultures in the U.S., the word “wilderness” may not conjure up images of serene landscapes, but instead images of dispossession. To many people, the word “wilderness” itself is heavily loaded because much of the American Wilderness-designated lands were established through the forcible removal of people who once inhabited those lands. “Wilderness” as a pristine and untouched space doesn’t really exist in any of our public lands, most of which are now or used to be inhabited by other people. All public lands have a rich human history we cannot ignore.
 - a. Note: this does not invalidate anyone’s feelings towards wilderness, it just means that we should not assume that these lands mean the same thing to us as they mean to the people who live(d) there.

Early Attitudes Towards Wilderness: Teaching Groups (10 min)

1. Break participants into three groups. Give each group one of the three cards explaining Manifest Destiny, Settler Colonialism, and Early Wilderness Values. Ask each group to become an expert on one of the concepts by reading and discussing the concept amongst themselves.
2. After five minutes, ask each person to find two people who discussed the other two concepts. You should then have multiple three person groups.
3. In the small group, each person will teach the other two what they learned. They will flag any questions or important ideas.

Early Attitudes Towards Wilderness: Debrief (5 min)

Debrief with the following discussion questions:

1. *What's the difference between colonialism and settler colonialism?*

What's the impact of settler colonialism that may be different from other forms of colonialism?

2. *What's the impact of the intersection of Manifest Destiny and settler colonialism?*

- a. **Debrief:** domesticating and “conquering” the frontier was a source of “pioneer” pride. It was also the fulfillment of their Manifest Destiny. The use of terms such as “frontier” and “pioneer” served to erase the presence of original inhabitants and reinforced the mirage of the West being empty land available for the taking. Since wild lands were seen as a source of danger and (often very real) hardship, their submission and conversion to farmland and settlements was a representation of progress.

3. *What's the impact on Wilderness Values of Euro-Americans' perception of Indigenous Peoples?*

- a. **Debrief:** Indigenous people were considered part of the “wild” nature of wilderness. They were dehumanized and referred to as “savage,” justifying the genocidal actions against them. This, along with centuries of dispossession of Indigenous lands; relocation of Indigenous Peoples to allotted reservations on unproductive land; assimilation programs; and appropriation of their land, water, and mineral resources, played a significant role in environmental policy today.

Shifting Perceptions: Speeches from Famous Environmentalists (20 min)

1. Begin by asking the group to name any famous environmental figures of the past that they have learned about.

Who were they?

What values did they espouse?

2. Divide participants into four groups and assign each group one of four famous men in the American environmental movement: Henry David Thoreau, John Muir, Gifford Pinchot, and Theodore Roosevelt. Give them a card with a description of their person and the school of thought they represent, as well as a speech or writing by that individual. Have groups take five minutes to review their assigned person and prepare to give the speech provided. Note that each person should participate in the speech and each group should have a person responsible for introducing their character while other participant(s) deliver the speech.

3. Begin the speeches. Choose an area to be the stage, and everyone else to act as the audience.
4. After each speech, ask the audience to summarize the main points.

Shifting Perceptions: Debrief (10 min)

1. *What is the difference between conservation and preservation?*

- a. **Conservation:** Lands managed by the government should be used responsibly for multiple uses, including outdoor recreation by the public, logging, mining, etc., in a way that conserves resources for future generations.

- b. **Preservation:** The idea that outdoor spaces should remain as pristine and untouched from humans as possible, protected from commercial efforts (logging, mining, etc.) and recreation and overuse by people.

2. *Based on what we've learned so far about public lands and land management, do the different designations represent a difference in ideals?*

- a. National Parks and Wilderness areas are representative of the pristine, untouched preservationist attitude. National Forests and BLM land, being multi-use, are more representative of conservationist ideals.

3. *Are there other ways of valuing outdoors spaces that are not represented here?*

Conclusion (5 min)

1. Pose the following question to the group:

Do your connections to public lands or wild spaces reflect any of those historical figures and their ideas or the perceptions of wilderness that we discussed? Allow the group to answer “popcorn style.”

2. Allow time for questions.

Henry David Thoreau



Transcendentalism

Originated with Thoreau and Ralph Waldo Emerson, who saw wilderness as a place where one could commune with God through appreciating beauty. Though wilderness was still a potentially dangerous place, facing its challenges was a noble endeavor.

Thoreau was a famous author and essayist, and wrote about living in a cabin he built in the woods in Walden.

John Muir



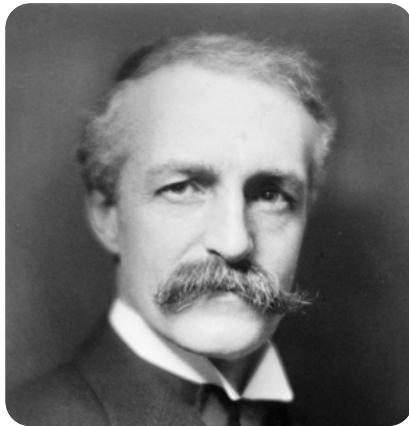
Preservation

Muir believed wild spaces should be protected from any human impact; inspired by transcendentalism.

Muir believed a person could be closer to God, improve themselves, and find a true home in the wilderness.

Muir was an early advocate for the creation of National Parks.

Gifford Pinchot



Conservation

Pinchot brought from Europe the philosophy that wilderness had resources that humans were entitled to extract and use.

Conservation advocates for extracting resources responsibly so that they will be available for future generations.

Pinchot became the first Chief of the U.S. Forest Service in 1905.

Theodore Roosevelt



Strenuous Life

Roosevelt believed our connection to nature fosters and encourages rugged individualism to combat the ease of city life and the dangers of “eroding masculinity” presented by industrialization.

Theodore Roosevelt was President of the United States from 1901 to 1909 during which he established the U.S. Forest Service and saw the designation of 5 National Parks.



Settler Colonialism

Colonialism is the process by which one country controls the political activities and economic resources of another through (1) forced entry into their territory; (2) alteration and destruction of Indigenous cultures and patterns of social organizations; (3) domination of Indigenous Peoples; and (4) development of elaborate justifications for these actions. The colonizers' actions all work to benefit the home country.

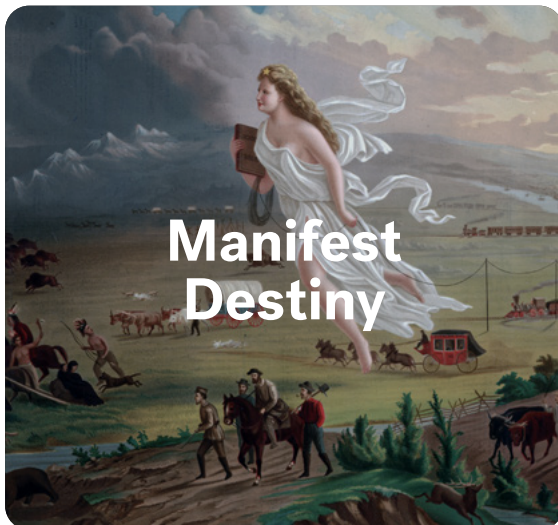
Settler colonialism is a type of colonialism where the colonists stay in the land they colonize and never intend to leave. In the U.S., settler colonialism takes the form of stimulating economic growth through development and natural resource extraction, and implementing political structures that disadvantage people of color, Indigenous people, women, non-Christians, and other marginalized communities.



Early Wilderness Values

Based on the Bible and other Christian works, wilderness had a very negative connotation to Christian European settlers. It was considered evil, alien, unknown, supernatural, the antithesis to civilization, and a symbol of man's imperfections. Consequently, settlers felt that undeveloped land needed to be controlled and converted to farmland and settlements.

European settlers viewed Indigenous Peoples as part of the natural wild they encountered, and felt that the Indigenous Peoples needed to be controlled or killed to ensure order. Europeans viewed themselves as bringing enlightened civilization to a dark and chaotic continent. In the process, they disrupted the natural order of the world that had allowed Indigenous Peoples to thrive since time immemorial.



Manifest Destiny

Manifest destiny was the belief that Euro-Americans had a divine destiny to settle the West, and spread new American thought, culture, and institutions. Manifest destiny was rooted in the idea that European settlers were racially and culturally superior to other peoples, especially the Indigenous Peoples they encountered and slaughtered along the way.

Early European settlers of North America saw land as theirs for the taking. They claimed land without consideration for Indigenous Peoples who inhabited these lands, or the potential need to set land aside for conservation or public use.

The Yosemite (excerpt) - 1912

John Muir

“Hetch Hetchy Valley, far from being a plain, common, rock-bound meadow, as many who have not seen it seem to suppose, is a grand landscape garden, one of Nature’s rarest and most precious mountain temples. As in Yosemite, the sublime rocks of its walls seem to glow with life, whether leaning back in repose or standing erect in thoughtful attitudes, giving welcome to storms and calms alike, their brows in the sky, their feet set in the groves and gay flowery meadows, while birds, bees, and butterflies help the river and waterfalls to stir all the air into music—things frail and fleeting and types of permanence meeting here and blending, just as they do in Yosemite, to draw her lovers into close and confiding communion with her.

Sad to say, this most precious and sublime feature of the Yosemite National Park, one of the greatest of all our natural resources for the uplifting joy and peace and health of the people, is in danger of being dammed and made into a reservoir to help supply San Francisco with water and light, thus flooding it from wall to wall and burying its gardens and groves one

or two hundred feet deep. This grossly destructive commercial scheme has long been planned and urged (though water as pure and abundant can be got from sources outside of the people’s park, in a dozen different places), because of the comparative cheapness of the dam and of the territory which it is sought to divert from the great uses to which it was dedicated in the Act of 1890 establishing the Yosemite National Park.

...Everybody needs beauty as well as bread, places to play in and pray in, where Nature may heal and cheer and give strength to body and soul alike...

That anyone would try to destroy [Hetch Hetchy Valley] seems incredible; but sad experience shows that there are people good enough and bad enough for anything. The proponents of the dam scheme bring forward a lot of bad arguments to prove that the only righteous thing to do with the people’s parks is to destroy them bit by bit as they are able. Their arguments are curiously like those of the devil, devised for the destruction of the first garden...”

Strenuous Life (excerpt) - 1899

President Theodore Roosevelt

“A life of ignoble ease, a life of that peace which springs merely from lack either of desire or of power to strive after great things, is as little worthy of a nation as of an individual. I ask only that what every self-respecting American demands from himself and from his sons shall be demanded of the American nation as a whole. Who among you would teach your boys that ease, that peace, is to be the first consideration in their eyes—to be the ultimate goal after which they strive? You men of Chicago have made this city great, you men of Illinois have done your share, and more than your share, in making America great, because you neither preach nor

practice such a doctrine. You work yourselves, and you bring up your sons to work. If you are rich and are worth your salt, you will teach your sons that though they may have leisure, it is not to be spent in idleness; for wisely used leisure merely means that those who possess it, being free from the necessity of working for their livelihood, are all the more bound to carry on some kind of non-remunerative work in science, in letters, in art, in exploration, in historical research—work of the type we most need in this country, the successful carrying out of which reflects most honor upon the nation...”

The Maine Woods (excerpt) - 1864

Henry David Thoreau

“Strange that so few ever come to the woods to see how the pine lives and grows and spires, lifting its evergreen arms to the light,—to see its perfect success; but most are content to behold it in the shape of many broad boards brought to market, and deem that its true success! But the pine is no more lumber than man is, and to be made into

boards and houses is no more its true and highest use than the truest use of a man is to be cut down and made into manure. There is a higher law affecting our relation to pines as well as to men. A pine cut down, a dead pine, is no more a pine than a dead human carcass is a man.”

The ABC of Conservation - 1909

Gifford Pinchot

“The central thing for which Conservation stands is to make this country the best possible place to live in, both for us and for our descendants. It stands against the waste of the natural resources which cannot be renewed, such as coal and iron; it stands for the perpetuation of the resources which can be renewed, like the food-producing soils and the forests; and, most of all, it stands for equal opportunity for every American citizen to get his fair share of benefit from these resources, both now and hereafter.

...Conservation stands for the same kind of practical common-sense management of this country by the people that every business man stands for in the handling of his own business. It believes in prudence and foresight instead of reckless blindness; it holds that resources now public property should not become the basis for oppressive private monopoly; and it demands the complete and orderly development of all our resources for the benefit of all the people, instead of the partial exploitation of them for the benefit of a few. It recognizes fully the right of

the present generation to use what it needs and all it needs of the natural resources now available, but it recognizes equally our obligation so to use what we need that our descendants shall not be deprived of what they need...

Conservation holds that it is about as important to see that the people in general get the benefit of our natural resources as to see that there shall be natural resources left.

Conservation is the most democratic movement this country has known for a generation. It holds that the people have not only the right but the duty to control the use of the natural resources, which are the great sources of prosperity. And it regards the absorption of these resources by the special interests, unless their operations are under effective public control, as a moral wrong. Conservation is the application of common sense to the common problems for the common good, and I believe it stands nearer to the desires, aspirations, and purposes of the average man than any other policy now before the American people.”

Case Studies in Connection with Land and Water

Main Takeaways

Although some stories have often been buried and ignored, all people have connections to the land, and all play an important role in conservation.

By sharing stories, we give a voice to those who have been silenced and can begin to understand how history plays a role in the many ways that people connect to public lands.

Connections to Land and Water

As we work to make the history of public lands more comprehensive and inclusive, it is important to acknowledge the multitude of ways people connect with nature and examine how historical and current events and attitudes shape these connections. Although the stories of Indigenous Peoples, African Americans, Mexican Americans and other communities have largely been ignored throughout the U.S. history, these groups played and continue to play a role in the preservation of public lands, wilderness and other shared public spaces. The familiar and often-told stories about John Muir, Theodore Roosevelt, Henry David Thoreau, Edward Abbey, and Aldo Leopold are important. However, to more completely understand the story of our public lands, we must give thoughtful attention to all environmental perspectives.

This module explores the various ways in which people connect with the shared legacy of land and water. Some stories may be familiar, and some may be new. We encourage you to consider all of these stories in the context of the social and historical movements in which they occurred or are occurring. This compilation is far from exhaustive. We encourage you to seek out additional buried stories and share them with fellow participants. Doing so is one way to give voice to those who have been discriminated against throughout U.S. history and the conservation movement.

People of Color and Conservation History

Sacagawea, a Lemhi Shoshone woman, served as interpreter and guide for Lewis and Clark and the Corps of Discovery, starting in 1804. As a teenager, she traveled with her infant, helping negotiate passage over lands inhabited by various tribes and securing additional guides and horses for the party. She received no compensation for her services, but her French husband received \$500.

Tie Sing, a Chinese backcountry cook, worked for the U.S. Geological Society as they mapped and explored Yosemite National Park in 1915. Sing led an expedition of men who would eventually be instrumental in the management of public lands, including Stephen Mather, first director of the National Park Service.

The Buffalo Soldiers, an all African American army regiment, were among the first park and backcountry rangers, patrolling Yosemite and Sequoia National Parks on horse and bicycle.

Charles Young (1864 – 1922) was a military veteran who became acting superintendent of Sequoia and General Grant National Parks in 1903, the first African American to hold the superintendent role. Young oversaw the creation of infrastructure and worked to suppress wildfires, poaching, and illegal grazing within the parks.

George Washington Carver (1864-1943), was an African American agricultural scientist, botanist, and environmentalist who developed methods for improving soil in order to maintain sustainable harvests.

In the 1770's, **Brister Freeman** and **Zilpah White** were freed slaves who lived around Walden Pond, which would later become the famed retreat of writer, environmentalist and activist Henry David Thoreau. Prior to Thoreau's residency, Walden was a settlement for those who escaped slavery. The stories of Freeman and White, among other freed slaves, served as an inspiration to Thoreau.

African American men were allowed entry to serve in the **Civilian Conservation Corps** (1930-1942) but often faced discrimination, despite New Deal legislation banning the practice. African American enrollment was capped at 10% and thousands of men were turned away. While a few camps were racially integrated, most African Americans lived and

worked in segregated camps. Their involvement in the CCC is largely undocumented. Projects included restoring Union and Confederate monuments at Gettysburg Battlefield and building infrastructure in Great Smoky Mountains National Park and the Blue Ridge Parkway. Indigenous people also participated in the CCC-Indian Division developing infrastructure on reservations. The CCC-ID was administered by tribal leaders with the assistance of the Bureau of Indian Affairs.

Contemporary Stories of Connection

On the outskirts of Tucson, Arizona, **Saguaro National Park** has endeavored to become more culturally relevant to the city's majority Latinx population. Tucson is about 44 percent Hispanic or Latinx. Of the park's roughly 650,000 annual visitors, currently less than 2 percent self-identify as Hispanic. As part of the process, the park showed a potential ad to a Latinx focus group. The ad featured a strapping Latino man walking through the woods. The focus group responded with confusion: "Where's his family?" or "What's he running from?" In the words of a Latino school administrator in Saguaro, "rugged individualism" just doesn't apply. "It's like no, I'm going to bring my whole family, we're going to be loud, we're going to explore."

The lessons learned by the City of Houston as they embark upon a \$220 million parks project called **Bayou Greenways 2020** are illuminating for federal public land management agencies. The Bayou Greenways will ultimately be a 150-mile network of continuous hiking trails, biking paths, and green space that will run throughout Houston. When the city's parks and recreation department conducted its Master Plan Parks Survey in 2014, the majority of respondents replied that they wanted their neighborhoods and parks linked to biking and walking paths. Upon closer look, about two-thirds of the people who responded to the survey were White with household incomes over \$75,000. To correct this misrepresentation, a group of researchers from Rice University conducted another survey, with the Houston Parks and Recreation Department's blessing and funding. This one aimed to capture the voices of African American and Latinx Houstonians to find out what they wanted from the new park upgrades. The results showed that priorities differed from those of the initial survey. Connectivity was ranked last among priorities for African American and Latinx Houstonians. These respondents indicated that they wanted clean, functioning public bathrooms and water fountains, better lighting to make parks safer at night, better playground equipment, and an array of recreational infrastructure.

In 2016, a group of hikers from **Outdoor Afro** explored portions of the Appalachian Trail that overlap the Underground Railroad, following a path that Harriet Tubman may have taken in order to explore the historical relationship of communities of color and the outdoors.

In August of 2018, Jolie Varela and Indigenous women from **Indigenous Women Hike** travelled to Nüümü Poyo, a historical Paiute trading route which overlaps with portions of the John Muir Trail and Pacific Crest Trail. The group traveled under the American Indian Religious Freedom Act of 1978, connecting with Paiute history and educating other hikers and

the conservation community about reclaiming Native American Lands and heritage.

In 2018, **Tyler Lau**, a dual citizen of the U.S. and Hong Kong known on the trail as "The Prodigy," became the first person of color and the 10th person in history to complete the Triple Crown: hiking the Pacific Crest Trail, the Continental Divide Trail, and the Appalachian Trail in a calendar year. Tyler hiked 8,000 miles to raise awareness and support for public lands, people of color on public lands, and organizations that serve youth of color in Montana, California, and the Northeast.

The Sierra Club and the National Council of La Raza's 2012 **National Latinos and the Environment** survey investigated the stereotype that Latinx people do not care about public lands and conservation. The survey reports that:

- 9-in-10 (92%) Latinx voters agree that they "have a moral responsibility to take care of God's creations on this earth—the wilderness and forests, the oceans, lakes and rivers."
- More than 9-in-10 Latinx voters (94%) say outdoor activities such as fishing, picnics, camping, and visiting national parks and monuments are important to them and their families.
- Nearly 7-in-10 (69%) Latinx voters say they would support the president designating more public land as national monuments.

MaVynee Betsch gave away all of her wealth, including her home, to environmental causes starting in the 1970s. She convinced the National Park Service to protect 8.2 acres of sand dunes on Amelia Island's American Beach. Her great grandfather had purchased it in the 1930's so that black people could live on and visit the beach in Florida during Jim Crow segregation.

Marquette Goodwine (known as Queen Quiet), along with her community in South Carolina, was instrumental in establishing the Gullah Geechee Cultural Heritage Corridor. Designated in 2006, the federally recognized heritage site celebrates the unique culture of the Gullah Geechee people who have traditionally resided in the coastal areas and the sea islands of North Carolina, South Carolina, Georgia, and Florida.

Starting in 1972, **John Francis**, the Planetwalker, spent 22 years refusing to ride in cars walking across the U.S. to spread a message of environmental respect and awareness of the harmful effects of oil spills. For 17 of those years, John did not speak. During his vow of silence, he completed three college degrees, including a PhD in Land Management from the University of Wisconsin - Madison, which he walked to from Montana.

Contemporary **Acequia farmers** in Southern Colorado and Northern New Mexico are Indo-Hispanic farmers who have a unique understanding of high desert ecology that informs their farming, seed saving practices, water sharing practices, community relations, and erosion prevention. Though often not marked as "conservationists" by the environmental community, their farming practices and place-based knowledge certainly center around conserving the health of the land and community.

The **Ancestral Land Corps Program** is a Southwest Conservation Corps program currently run by and for Indigenous Peoples who are engaging in various projects to improve land and community on Native land.

Likely born into slavery, farmer and homesteader **Israel Lafayette Jones** bought three islands in Key Biscayne, FL in the late 1800s. A guide and naturalist, his son **Lancelot Jones** resisted developers and sold the land to the National Park Service to create Biscayne National Park.

Black/Land Project: The Black/Land project is self-described as - “Black/Land gathers and analyzes stories about the relationship between black people, land, and place.

The **National Association of Tribal Historic Preservation Officers** was founded in 1998 to bring together tribal government officials who work to preserve the culture and traditions of Indigenous Peoples in the United States. Occasionally partnering with the National Park Service, the association is committed to tribal sovereignty, confidentiality within religious places, and the preservation of Indigenous cultures beyond the boundaries of reservations.

Many Indigenous-led organizations, like the **Native American Fish and Wildlife Society**, promote the conservation of natural resources on tribal reservations and around the world using Indigenous methods, called traditional ecological knowledge (TEK).

Organizations and People to Follow

There are many people and organizations who are committed to amplifying and telling a broader range of stories surrounding conservation and recreation. The landscape is ever growing and changing. Several of these organizations

and people are social media influencers in the space. Look up the websites, social media feeds, and events for the following organizations and continue to update this list on your own.

Adventures for Hopi

Asian Pacific Environmental Network

Bears Ears Inter-Tribal Coalition

Black Freedom Outfitters

Brothers of Climbing

Brown Environmentalist

Brown Girls Climb

Brown People Camping

Color the Crag

Diversify Outdoors

Earthtone Outside

Fat Girls Hiking

Flash Foxy

Green Latinos

Green Muslims

Greening Youth Foundation

HECHO (Hispanics Enjoying Camping, Hunting, and the Outdoors)

Hispanic Access Foundation

Homoclimbtastic

Indigenous Women Climb

Indigenous Women Hike

Latino Outdoors

LGBTQ Outdoor Summit

Melanin Basecamp

Native Women’s Wilderness

Natives Outdoors

Nepantleras

Next 100 Coalition

Nuestra Tierra Conservation Project

OUT There Adventures

Outdoor Afro

Outdoor Asian

PGM ONE (People of the Global Majority in the Outdoors, Nature, and Environment)

Pride Outside

Queer Nature

Soul River

Team Blackstar Skydivers

The Gwich’in Steering Committee

The Venture Out Project

Tierra Libertad

Trail Brothers Initiative

Unlikely Hikers

Utah Diné Bikéyah

Women of Color in Nature

Module

3

Lesson

1



Voices in the Conservation Movement

Lesson at a Glance

Diversity and Access (25 min):

Participants will read stories of diversity in the outdoors and discuss.

Conclusion (5 min):

Reflection and questions

Learner Outcomes

Participants will:

- Understand the importance of diversity in the outdoors.
- Name one way they can help honor all connections to public lands.

Getting Ready

Time: 20-30 minutes

Materials: Printed stories

Location: Indoor or outdoor with room to sit in a circle

Objective: To provide examples of stories from people traditionally under-represented in the conservation community.

Diversity and Access (25 min)

1. Explain that as we work to bring every American into the conversation on our public lands, we need to include the host of ways people connect with nature. The often-told stories from Muir, Leopold, and Theodore Roosevelt are important, but we also want to make sure we are paying attention to all environmental perspectives. Here are a few stories that help round out the narrative about how someone can connect to the environment.
2. Pass out printed stories and have each participant read out loud a different story about diversity and public lands.
3. Debrief:

Have you heard of any of these individuals or organizations?

Did these stories surprise you?

Why is it important to tell these stories in addition to the typical stories of John Muir, Aldo Leopold, Theodore Roosevelt, etc.?

Do you know any other organizations or individuals who can help create a more inclusive narrative of the conservation movement?

Conclusion (5 min)

1. Ask participants to share one way they will help honor these connections to the land and stories from people whose voices traditionally haven't been represented in the conservation movement.
2. Allow time for questions.

Adapt the Lesson

Participants can also research their own stories and present to the group if time allows.

Sacagawea, a Lemhi Shoshone woman, served as interpreter and guide for Lewis and Clark and the Corps of Discovery, starting in 1804. As a teenager, she traveled with her infant, helping negotiate passage over lands inhabited by various tribes and securing additional guides and horses for the party. She received no compensation for her services, but her French husband received \$500.

Tie Sing, a Chinese backcountry cook, worked for the U.S. Geological Society as they mapped and explored Yosemite National Park in 1915. Sing fed an expedition of men who would eventually be instrumental in the management of public lands, including Stephen Mather, first director of the National Park Service.

The Buffalo Soldiers, an all African American army regiment, were among the first park and backcountry rangers, patrolling Yosemite and Sequoia National Parks both on horse and bicycle. Charles Young became acting military superintendent in 1903 and is considered the first African American park superintendent. Young oversaw the creation of infrastructure and worked to suppress wildfires, poaching, and illegal grazing within the parks.

George Washington Carver (1864-1943), was an African American born a year before the abolishment of slavery. He was a notable agricultural scientist, botanist, and environmentalist who developed methods for improving soil in order to maintain sustainable harvests.

In the 1770's, Brister Freeman and Zilpah White were freed slaves who lived around Walden Pond, famed retreat of writer, environmentalist and activist Henry David Thoreau. Walden was a settlement for freed slaves prior to Thoreau's residency and the stories of Freeman and White, among other freed slaves and individuals from marginalized communities, served as an inspiration to Thoreau.

African American men were allowed entry to serve in the Civilian Conservation Corps (1930-1942) but often faced discrimination, despite New Deal legislation banning the practice. African American enrollment was capped at 10% and thousands of men were turned away. While a few camps were racially integrated, most African Americans lived and worked in segregated camps. Their involvement in the CCC is largely undocumented. Projects included restoring Union and Confederate monuments at Gettysburg Battlefield and building infrastructure in Great Smoky Mountains National Park and the Blue Ridge Parkway. Indigenous Peoples also participated in the CCC-Indian Division developing infrastructure on reservations. The CCC-ID was administered by tribal leaders with the assistance of the Bureau of Indian Affairs.

MaVynee Betsch gave away all of her wealth, including her home, to environmental causes starting in the 1970s. She convinced the National Park Service to protect 8.2 acres of sand dunes on Amelia Island's American Beach. Her great grandfather had purchased it in the 1930's so that black people could live on and go to the beach in Florida during Jim Crow segregation.

Outdoor Afro continues to give voice to the myriad of African American and black experiences in the outdoors. One connection that is often talked about is the healing aspect of nature. They support #HealingHikes for those who are healing from traumatic experiences or those who just need to de-stress. One Outdoor Afro group recently explored portions of the Appalachian Trail that overlap with the Underground Railroad, following a path that Harriet Tubman may have taken.

Latino Outdoors has been working to tell the myriad of stories about the outdoors in the Latinx community. Latino Outdoors is a network of leaders committed to engaging Latinxs in the outdoors, connecting families and youth with nature, and supporting a community of storytellers to explore and share their personal experiences.

Nepantleras are a group of young Chicana women have begun hiking together and navigating “nepantla,” or the in-between space they find themselves in while navigating their own Indigenous identity and the Western culture of hiking. Together, they hike in public lands and build their own connections to land as it relates to their identity.

More than 9-in-10 Latinx voters (94%) say outdoor activities such as fishing, picnics, camping, and visiting national parks and monuments are important to them and their families. Therefore, it doesn’t come as a surprise that Latinx voters express strong support for the protection of public lands.

Starting in 1972, John Francis, the Planetwalker, spent 22 years refusing to ride in cars walking across the U.S. to spread a message of environmental respect and awareness of the harmful effects of oil spills. For 17 of those years, John did not speak. During his vow of silence, he completed three college degrees, including a PhD in Land Management from the University of Wisconsin - Madison, which he walked to from Montana.

Contemporary Acequia farmers in Southern Colorado and Northern New Mexico are Indo-Hispanic farmers who have a unique understanding of high desert ecology that informs their farming, seed saving practices, water sharing practices, community relations, and erosion prevention. Though often not marked as “conservationists” by the environmental community, their farming practices and place-based knowledge certainly center around conserving the health of the land and community.

NativesOutdoors is working directly with tribal governments, community organizations, and individuals on increasing access to outdoor recreation and connecting resources and opportunities within the outdoor industry.

Public Lands Benefits, Threats, and Current Issues

Main Takeaways

Public lands offer many ecological, social, cultural, and economic benefits.

There are many threats and issues affecting public lands today.

Notwithstanding the complex and troubling history of public lands, these lands provide significant public benefits to people and wildlife. They also face significant threats.

Benefits of Public Lands

Public lands provide significant benefits to people, the environment, and the economy. People receive many of these benefits even if they do not visit public lands.

- **Ecological Benefits** include air and water filtration; clean water supply; healthy wildlife habitats, migration routes, and breeding grounds; preservation of diverse plant and animal communities; and climate change mitigation and adaptation that occurs when biodiversity, vegetation and land cover take up atmospheric carbon dioxide.
- **Economic Benefits** include providing support and infrastructure for a \$887 billion outdoor recreation economy that provides over 7.6 million direct jobs (as of 2017); and natural resources such as timber, minerals, fossil fuels, and renewable energy (wind, solar, geothermal).
- **Social Benefits** include diverse recreational opportunities that support physical and mental health and provide endless possibilities for fun for individuals, groups, and families; educational opportunities that support valuable nature-based, experiential learning; connection to the cultural and natural history that is part of our national heritage; and the ability to build and enhance community through connection to place.
- **Cultural Benefits** include connection to spirituality and the sacred (Indigenous Peoples, despite being dispossessed of their land, still visit sacred land and often consider the land an essential part of their well-being); connection to cultural history of Mexican Americans in the Southwest; and connection to African American history.

These benefits don't always complement one another, and sometimes are in direct conflict with one another. For example, natural resource extraction and recreation are generally incompatible and cannot take place at the same location.

Threats to Public Lands

We cannot take the benefits listed above for granted. Many of these benefits are in jeopardy because of the following threats, all human created:

- Climate change and the resulting impacts.
- Destruction of Indigenous Peoples' sacred places.
- Congressional and administrative rollbacks of protections for public lands.
- Pollution from automobiles and industry.
- Unsustainable mining, logging and energy development on public lands, driven by high consumption in the U.S. and around the world.
- Reductions in funding for federal land management agencies, along with recurring government shutdowns that result in serious adverse impacts to public lands.
- Proposals to transfer federal lands to state control.
- Lack of awareness or indifference to public lands amongst a changing population.

Current Issues on Public Lands

As stewards of public lands, Americans have a responsibility to learn about contemporary issues relating to public lands. These issues change over time, but as of the publishing of this curriculum, the most pressing issues are:

- **Lack of diversity in public land use:**

Research shows that the racial and ethnic demographics of people visiting certain public lands does not reflect the demographics of the U.S. A disproportionate number of visitors are white, with people of color visiting at a rate below their representation in the U.S. population. We should ensure that everyone has the opportunity to enjoy the benefits of public lands.

- **Perceived lack of diversity in public land appreciation:**

Research shows that there is a perception and stereotype that people of color do not appreciate public lands. The reality is that sometimes people of color have different ways of appreciating and connecting with nature and the outdoors, ways that are not reflected in these stereotypes.

- **Inequitable treatment of Indigenous Peoples:**

Issues include sovereignty, historical trauma, and preservation of and access to natural and cultural resources and sacred sites. Destruction of sacred sites is a significant issue in some areas.

- **Access to public lands:**

Public lands are not easily accessible for everyone. Many people living in urban areas, people without financial means, and people of color lack the transportation necessary to go to public lands. This inability to get there is one of the biggest barriers to sharing in the benefits. Other barriers to access include fees to use public lands, cost of equipment, lack of knowledge of recreation, and concerns for safety.

- **Negative experiences on public lands:**

Many people report experiences of exclusion and “othering” on public lands. Some of this is because public lands management staff do not reflect the identities of visitors (ie. race, ethnicity, and gender). However, some of this can also be traced to narrow views on proper public lands etiquette and the “right” way to recreate that have developed in the recreation and outdoor communities. Many populations also continue to experience violence on public lands.

- **Lack of funding and resources for public lands management:**

Agencies continue to struggle with the limited resources they have been given to maintain and protect public lands. Even with support from the for-profit and nonprofit conservation sector, land management at current agency funding levels is not fiscally sustainable over the long term. The 2018-19 government shutdown vividly demonstrated the adverse impacts that occur when agencies lack the resources they need to manage public lands properly.

- **Transfer of federal public lands to state control:**

Numerous proposals have been made to transfer control of federal lands to the states. These proposals are the subject of passionate debate. Advocates for these transfers argue that the states should have the right to control lands within their boundaries. Opponents point to past history that indicates that when states are given control over federal lands they often sell them to private interests, primarily for mineral, oil, and gas development. This reduces or eliminates public access to these lands.

- **Rollback of land protections:**

In 2017, President Trump issued an order significantly reducing the size of two National Monuments, thereby undoing land protections that applied to these areas and opening them up for mineral and energy development. Indigenous Peoples and the conservation community do not believe the President has the authority to take these actions and have gone to court to block them. Also, legislation has been introduced in Congress to undesignate numerous areas designated as Wilderness Study Areas, thereby undoing land protections for those areas.

- **Management of cultural resources:** Increasingly, people recognize that the heritage of public lands is not solely one of recreation and adventure, but that many public lands areas are culturally significant to many different communities.

- **Contribution to climate change:**

According to a report from the U.S. Geological Survey, greenhouse gas emissions from federal energy production on public lands are a significant source of total U.S. emissions. Over the past decade, approximately 40% of total U.S. coal production, 26% of U.S. oil and 23% of U.S. natural gas were produced from U.S. federal public lands and waters. If U.S. public lands were a country, it would rank 5th in the world in total emissions behind China, India, the United States, and Russia.



Site-specific Examples of Threats and Issues

• **Dakota Access Pipeline:**

The Dakota Access Pipeline is a \$3.7 billion project that crosses four states. The 1,772-mile pipeline stretches from the oil-rich Bakken Formation—a vast underground deposit where Montana and North Dakota meet Canada—southeast into South Dakota, Iowa, and Illinois. The pipeline threatens to pollute the Standing Rock Sioux Tribe's water source and damage and destroy sites of great historic, religious, and cultural significance to the Tribe. In 2016, one of the largest gatherings of Indigenous tribes in post-colonial history came together in Cannon Ball, North Dakota to protest construction of the pipeline. Protesters were arrested, shot at, and sprayed with water and tear gas by law enforcement.

• **Mato Tipila/Devil's Tower:**

Mato Tipila, also known as Bear's Lodge or Devil's Tower, is a sacred place for many of the Plains tribes, including Lakota, Cheyenne, and Kiowa. Additionally, Devil's Tower was the first National Monument, established in 1906. Devil's Tower is not only a popular tourist destination, but is also a popular climbing destination. However, many of the tribes view the act of climbing to be deeply disrespectful of such a sacred area. In response, the National Park Service issued a voluntary climbing ban in the month of June (the month for important ceremonies). Since the climbing ban, several lawsuits have been filed both in support and denial of Indigenous religious rights.

• **San Francisco Peaks/Arizona's Snowbowl:**

Arizona Snowbowl is a ski resort that occupies sacred land (the San Francisco Peaks) and U.S. Forest Service land. The resort has a long-standing lease with the Forest Service, which has permitted clearing, lift construction, and parking lot construction on sacred land. In 2008, Snowbowl proposed to use reclaimed wastewater for their snow-making operations, which Indigenous Peoples find very disrespectful. Despite a litany of lawsuits that reference the American Indian Religious Freedom Act, Snowbowl continues to be granted legal rights to the lease and to use reclaimed wastewater to create snow.

• **The Occupation of the Malheur National Wildlife Refuge:**

In January of 2016, a group of armed militia, led by Ammon Bundy, occupied the Malheur National Wildlife Refuge in Burns, Oregon in protest of two ranchers' arson convictions. The ranchers, Dwight and Steven Hammond, had been convicted on two counts of arson. Prior to the arson, the Hammonds had been repeatedly denied grazing permits by the BLM because of permit violations. The acts of arson were to cover up an illegal hunt and to preserve the winter feed for their cattle, and were understood as yet another disregard for BLM's rules and regulations. The Hammond conflict and Bundy occupation highlights the tensions between ranchers and public lands managers.

• **Reductions in National Monuments:**

President Obama designated Bears Ears National Monument during his final week in office. This area includes many sites sacred to Indigenous Peoples, and several tribes strongly supported the designation. However, in 2017, President Trump issued an order reducing the size of Bears Ears and Grand Staircase-Escalante National Monuments, and began the process for opening these areas up for mining and energy development. Indigenous and environmental activists filed lawsuits challenging the order in an attempt to preserve protections for these areas under the Antiquities Act.



Benefits of Public Lands

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Lesson at a Glance

Benefits Brainstorm (10 min):

Participants will brainstorm ideas that come to mind for “benefits of public lands” in pairs as a round robin activity.

Commercial Break (15 min):

Participants will create and perform a commercial advertising public lands.

Conclusion (5 min): Review material.

Learner Outcomes

Participants will:

- Understand and articulate why public lands are beneficial from an ecological, economic, social, and cultural perspective.
- Internalize the value of public lands.

Getting Ready

Participants:

Time: 30 minutes

Materials: Butcher paper; markers, paper, pencils

Preparation: Create posters for ecological, social, cultural, and economic benefits; spread posters around instructional space.

Location: Indoor or outdoor with room to move around.

Objective: To learn about the benefits of public lands.

Benefits Brainstorm (10 min)

Transition from talking about personal places to public lands.

1. Ask the group to pair up with a different partner and walk to a poster around the room.
2. Pose the question to the group, “*what are the benefits of public lands?*” Explain that we will be doing a group brainstorm, and their task is to think of words, images, people, places, and ideas that come to mind. There is no correct answer, and ideas may be written as words, phrases, or even doodles. Encourage participants to open their minds up and be creative.
3. Set a timer for 2 minutes. In this time, participants should document on the poster any benefits they can think of related to the category (economic, environmental, cultural, social). After 2 min, the pairs rotate to the next poster and add any ideas they can think of. Allow time for each group to have 2 min at each poster.
4. Review what is written on each sheet of paper. Circle the concepts that represent tangible benefits.

Ecological Benefits include: air and water filtration; healthy wildlife habitats, migration routes, and breeding grounds; preservation of diverse plant and animal communities; and climate change mitigation and adaptation that occurs when biodiversity, vegetation and land cover take up atmospheric carbon dioxide.

Economic Benefits include: natural resources such as timber, minerals, fossil fuels, renewable energy (wind, solar, geothermal); and support and infrastructure for a \$887 billion outdoor recreation economy that provides over 7.6 million direct jobs (as of 2017).

Social Benefits include: diverse recreational opportunities that support physical and mental health and provide endless possibilities for fun for individuals, groups, and families; educational opportunities that support valuable nature-based, experiential learning; connection to the cultural and natural history that is part of our national heritage; and the ability to build and enhance community through connection to place.

Cultural Benefits include: connection to spirituality and the sacred (Indigenous Peoples, despite being dispossessed of their land, still visit sacred land and often consider the land an essential part of their well-being); connection to cultural history of Mexican Americans in the Southwest, and connection to African American history.

Commercial Break (15 min)

1. Divide participants into groups of 4-5 people, or less depending on numbers. Instruct them that have 10 minutes to create a commercial advertising public lands. They may use all four categories or come at it from a specific angle. Encourage creativity, such as costumes, props, etc. Designate a “stage” and have each group perform their commercial.

Conclusion (5 min)

Debrief the lesson with the following questions:

Are there any benefits of public lands that surprised you? Why?

Are any of the benefits in conflict with each other?

Some examples of conflicts include:

- The anthropocentric vs. eco-centric conservation debate, in which the former focuses on humans and the economy, whereas the later focuses on the flora, fauna, and soils.
- Ongoing tensions between recreation and conservation such as the debates surrounding mountain biking in Wilderness or kayaking on Wild and Scenic rivers.
- Cultural resources management debates such as the controversy over protection of the Bears Ears National Monument for cultural heritage purposes.
- The debate between federal and state management of public lands (with some states gaining management over former federal public lands, and then selling off these lands to developers).

Are the benefits of public lands equally shared by the American people?

*Are there some people who benefit more than others from public lands?**

*This final question may lead into a discussion about equity and access to public lands, which is great! Foster the discussion, but do not force it if it is not going in that direction.

Why are public lands valuable to you?

Module

4

Lesson

2



Threats to Public Lands

Lesson at a Glance

Benefits Brainstorm (10 min):

Participants will read slips of paper explaining different issues facing public lands and, using devices, come up with one to three current examples of threats to public lands.

Conclusion (5 min): Discuss action steps and questions.

Learner Outcomes

Participants will:

- Articulate the current threats and issues facing public lands today.
- Provide current examples of threats.

Getting Ready

Participants:

Time: 30 minutes

Materials: Printed slips of paper, journals, pencils

Preparation: Cut up threats for group work.

Location: Indoor or outdoor with room to sit in a circle.

Objective: To understand the different threats and issues that public lands face today.

Issues and Current Events Exploration (25 min)

1. Begin by asking participants to think about and discuss some of the current issues and threats facing public lands that they've heard about. Pass out the threats and ask participants to read the threat and distribute. Ask participants to read the issue aloud to the group.
2. Ask participants to group up according to the issue that most interests them, ensuring that all issues have representation.
3. Allow 5-10 min for participants to research on their devices or from their own knowledge current examples of the threat they are representing. Have each group assign a note taker and a presenter.
4. Ask each group to report out on their findings.

Conclusion (5 mins)

1. Ask for popcorn-style responses to the follow questions:
 - What did you learn from your exploration that surprised you?*
 - What can you do about these issues?*
2. Leave time for questions.

Adapt the Lesson

If internet or cell service isn't available, place the issues with a piece of butcher paper around the teaching space and allow the group to gallery walk. Individuals can record any information that they know about the issue, how it makes them feel, and potential solutions to the issue and what people can actively do to work toward a solution.

Lack of diversity in public land use: Research shows that the racial and ethnic demographics of people visiting certain types of public lands does not reflect the demographics of the U.S. A disproportionate number of visitors are white, with people of color visiting at a rate below their representation in the U.S. population.

Perceived lack of diversity in public land appreciation: Research shows that there is a perception and stereotype that people of color do not appreciate public lands. The reality is that sometimes people of color have different ways of appreciating and connecting with nature and the outdoors, ways that are not reflected in these stereotypes.

Access to public lands: Public lands are not easily accessible for some Americans. Many people living in urban areas and people without financial means lack the transportation necessary to go to public lands. This inability to get there is one of the biggest barriers to sharing in the benefits.

Negative experiences on public lands: Many people report experiences of exclusion and “othering” on public lands. Some of this is because public lands management staff do not reflect the identities of visitors (race, ethnicity, and gender). However, some of this can also be traced to narrow views on proper public lands etiquette and the “right” way to recreate that have developed in the recreation and outdoor communities.

Violence against people on public lands: People of color and others who have been traditionally under-represented in the outdoors continue to experience violence on public lands. These acts of violence are not just a thing of the past.

Lack of funding and resources for public lands management: Agencies continue to struggle with the limited resources they have been given to maintain and protect public lands. Even with support from the for-profit and nonprofit conservation sector, land management at current agency funding levels is not fiscally sustainable over the long term. The 2018-19 government shutdown vividly demonstrates the adverse impacts that occur when agencies lack the resources they need to manage public lands properly.

Transfer of federal public lands to state control: Numerous proposals have been made to transfer control of federal lands to the states. These proposals are the subject of passionate debate. Advocates for these transfers argue that the states should have the right to control lands within their boundaries. Opponents point to past history that indicates that when states are given control over federal lands they often sell them to private interests, primarily for mineral, oil, and gas development. This reduces or eliminates public access to these lands.

Rollback of land protections: In 2017, President Trump issued an order significantly reducing the size of two National Monuments, thereby undoing land protections that applied to these areas and opening them up for mineral and energy development. Native Americans and the conservation community do not believe the President has the authority to take these actions and have gone to court to block them. Also, legislation has been introduced in Congress to undesignate numerous areas designated as Wilderness Study Areas, thereby undoing land protections for those areas.

Management of cultural resources: Increasingly, people recognize that the heritage of public lands is not solely one of recreation and adventure, but that many public lands areas are culturally significant to many different communities.

Contribution to climate change: According to a report from the U.S. Geological Survey, greenhouse gas emissions from federal energy production on public lands are a significant source of total U.S. emissions. Over the past decade, approximately 40% of total U.S. coal production, 26% of U.S. oil and 23% of U.S. natural gas were produced from U.S. federal public lands and waters. If U.S. public lands were a country, it would rank 5th in the world in total emissions behind China, India, the United States and Russia.

Call to action: What can you do for public lands?

Main Takeaway

Everyone can advocate for the protection of public lands.

Passionate individuals play a critical role in ensuring the continued protection and responsible management of our public lands. Here are some things that you can do to help make sure our public lands are inclusive and will always be around for future generations to enjoy:

- Appreciate, in whatever way makes sense to you, this incredible resource that we have and that belongs to you.
- Share your passion for wild places with others and be open to learning about other people's passion for land.
- Educate yourself through books, social media, radio, and articles about public lands, public lands issues, and public lands history at the state, local, and federal levels.
- Continue to connect the dots between social issues and environmental issues. Learn about the social complexities behind public land management.
- Visit your public lands and learn about projects that are occurring. For instance, you may find a timber sale marked for harvest during a hike and be inspired to find out more.
- Realize that all things are connected and every decision you make impacts ecosystems around the world. We cannot build a fence around our public lands and expect them to remain safe and healthy functioning ecosystems.
- Join organizations that monitor projects on public lands and contribute your support and voice in favor of what you believe.
- Submit comments on public lands issues and participate in community hearings on public lands decisions at the local, state, and federal level.
- Participate in or organize volunteer work on public lands.
- Call your elected officials when bills or policy are up for vote and let them know that you care about public lands. It is their job to listen to their constituents even when they disagree. You can also write a letter, or try to meet with them in person.
- Vote in local, state, and national elections! Support candidates who share your environmental values.
- Run for office and champion conservation.
- Recognize the myriad ways in which people connect with the outdoors and public lands and advocate for all connections to public lands.
- Research and share your learning about Indigenous Peoples, how places are named, and the connection to local public lands history. Include land acknowledgements on written materials and at the beginnings of events. Whenever possible, use the first names of places like Denali (Mt. McKinley, AK) and Mato Tipila (Devil's Tower National Monument) and advocate for changing place names that perpetuate racial slurs and stereotypes.

Federal public lands are available to all and we all have the responsibility to care for them. Having a basic understanding of the decision-making process can help you be actively involved in public lands protection. When considering the designation of public lands, there are different procedures for different kinds of designations:

- **National Monument** - this designation can be made by the President under the Antiquities Act without legislative branch (House/Senate) approval. National Monuments can also be established by Congress through the legislative process.
- **National Park** - the creation of a National Park requires legislative action in the form of a bill passed by Congress. Lands with other designations, like National Monuments and National Recreation Areas, may be converted to a National Park by an act of Congress.
- **Wilderness Area** - the designation of a Wilderness area requires an act of Congress. In most instances, Congress considers an area of public land for Wilderness designation after the agency that manages the land completes an eligibility study and determines that the area meets the criteria in the Wilderness Act of 1964. If the land is deemed eligible, the managing agency submits a recommendation for wilderness designation to the President who then makes the recommendation to Congress. Congress introduces a bill and confers the designation through the legislative process.

Not all public lands management decisions focus on the creation of new protected tracts of land. The scope of public lands decision-making is broad and also includes:

- Development of land use plans by managing agencies. These plans go by various names but they all determine the way a specified area will be managed for ten years or more. They are a vital part of the land management process and offer many opportunities for the public to provide input.
- Development and modification of recreation management policies and practices. Examples include policies governing rock climbing, mountain biking, snowmobiling and outfitting and guiding on public lands.
- Natural resource extraction decisions, such as opening up areas of public land for mining, logging, grazing, or oil and gas development.
- Securing funding for the creation of public spaces. One source is the Land and Water Conservation Fund, which provides funding to conserve lands and develop recreational facilities.

Regardless of the focus, public lands decisions requiring legislative action typically go through the following process:

1. **Coalition building** - a group of concerned and/or affected people, businesses, and organizations work together to create a shared vision for a legislative proposal.
2. **Sponsor recruitment** - the coalition identifies and recruits a Senator or Representative to introduce the bill in Congress.
3. **Committee consideration** - once introduced, the bill is sent to one or more committees for consideration. Committees generally hold hearings and then amend and vote on the bill. If the committee passes the bill, it is sent to the full House or Senate for a vote .
4. **Floor debate or unanimous consent** - if a committee passes a bill, that bill goes to the floor of the House or Senate for a vote. Some bills that are not controversial get approved by unanimous consent.
5. **Vote** - bills must pass in both the House of Representatives and the Senate before being sent to the President.
6. **Presidential signature/veto** - once passed by both the House and Senate, the President either signs the bill into law or vetoes the bill and sends it back to Congress. Congress can override a Presidential veto with a 2/3 vote in both the House and Senate.

While this process may look straight-forward, it requires diligence and perseverance on the part of sponsors and advocates. Sometimes it takes years to complete. Often, a bill can go into a committee for review and come out for a vote looking very different, with new language added that doesn't relate to the intent of the original bill. Additionally, a bill may pass in one chamber but be rejected in the other, in which case the bill may go back to the first chamber for revisions. There are many opportunities to engage in the process and advocate for public lands legislation through involvement in local coalitions and communicating with elected officials all throughout the legislative process.

Module

5

Lesson

1

Advocacy Toolbox and the Art of Persuasion

Lesson at a Glance

Legislative Process Review (10 min): Participants will put process cards in order and discuss where they can get involved in the legislative process.

The Advocacy Toolbox (10 min): Participants will brainstorm tangible tools in the advocacy toolbox.

Practicing Persuasive Writing (30 min): Participants will choose issues to practice writing letters to their representatives and local policy makers.

Conclusion (10 min): Share out, legislative process and toolbox review, and questions.

Learner Outcomes

Participants will:

- Review the basic legislative process and how they can get involved.
- Understand the many ways in which they can advocate for public lands.
- Practice persuasive letter writing.

Getting Ready

Time: 1 hour

Materials: Multiple sets of legislative cards based on groups size, flip chart, markers, paper, pencils

Preparation: None

Location: Indoor or outdoor with room to sit in a circle.

Objective: To create a public lands advocacy toolbox and practice persuasive letter writing and arguments.

Legislative Process Review (10 min)

1. Explain to participants that having a basic understanding of the federal decision-making process can help you be actively involved in public lands protection.
2. Divide participants into groups of 2-5 people and pass out sets of legislative process cards to each group. Allow 2-3 minutes for each group to put the process cards in order. Allow each group to report out and discuss the results. As you review the correct order, ask the group where they think it's possible for constituents to get involved in the process, noted by the **.
 - a. **Idea for change** - an individual or group is motivated to make their community better. **These come from you!
 - b. **Coalition building** - a group of concerned and/or affected people, businesses, and organizations work together to create a shared vision for a legislative proposal. **Get involved with organizations that are part of coalitions looking to put forward legislation, attend informational meetings, tell businesses that you support their work, help gather letters of support and petition signatures.
 - c. **Congressional sponsor recruitment** - the coalition identifies and recruits a Senator or Representative to introduce the bill in Congress. **Contact your elected official and let them know that you support or oppose potential legislation.
 - d. **Introduction into Congress** - sponsor in either the House or the Senate introduces the bill for consideration.
 - e. **Committee consideration** - the bill is sent to one or more committees. The committees generally hold a hearing, amends the bill, then vote on the bill. If the committee passes the bill, it is sent to the full House or Senate for a vote
 - f. **Floor debate or unanimous consent** - bill goes to the floor of the House or Senate for floor debate prior to a vote. Bills that are not controversial bypass the floor debate process and get approved by unanimous consent. **Contact your elected officials and let them know you support or oppose the bill.
 - g. **Vote** - bills must pass in both the House of Representatives and the Senate. **Contact your elected officials and let them know you support or oppose the bill.
 - h. **Presidential signature/veto** - if the bill passes in both chambers it is sent to the President. The President signs the bill into law or vetoes the bill and sends it back to Congress.

The Advocacy Toolbox (10 min)

Tell the group that passionate individuals play a critical role in ensuring the continued protection and responsible management of our public lands and that there are concrete steps that individuals can take to advocate on behalf of our public lands and promote access for all people. On flip chart or butcher paper, brainstorm answers to the following question:

What can I do to help save our public lands?

Answers can include:

- a. Visit your public lands and share enjoyment with all people
- b. Stay informed and educated on public lands issues so you can weigh in
- c. Join organizations that monitor public lands projects and support their work
- d. Make public comments and participate in community hearings on public lands decisions
- e. Use social media to amplify your voice in support of public lands
- f. Volunteer to help maintain your public lands
- g. Call and/or write a letter to your federal and local policy makers when public lands bills are up for vote
- h. Vote!
- i. Run for office and champion conservation of our public lands for all people
- j. Organize peaceful demonstrations, rallies and marches to encourage public engagement

Practicing Persuasive Writing (30 min)

1. Explain that one of the most effective way to advocate for what you believe in is to write, email, or call your representatives in Congress or local policy maker. Persuasive writing is an art and there are some basic tips that can help you get your point across clearly and concisely. Write the tips on paper or a whiteboard.
 - a. **Identify who you are:** Depending on the scenario, introduce yourself. If writing to a legislator, make sure they know that you are a constituent by including your address.
 - b. **Get to the point:** Early in your message you should highlight specifically what are communicating about. Be as specific with this as possible. List the name of the bill or legislation if applicable.
 - c. **Identify why it matters:** Help your audience make a connection as to why it matters to them. Personal stories or anecdotes can be a good way of doing this.
 - d. **Call to action:** Finish the message with a call to action—either asking a decision maker to do something or asking people to help your advocacy campaign by doing something.

2. Ask each participant to identify an issue they care about. It can be related to environment or conservation or something different.
3. Ask each student to write one message. They can choose the issue, their stance, and their audience and the message can be in the form of an email, letter, or script for a phone call to their representative.
4. When the participants are finished with their message, ask them to pair up and share their message, offering feedback for their partner. Ask the participants to consider the following:

Is it clear what their stance on the issue is?

Is there a clear call to action tied to the message?

Conclusion (10 min)

1. Ask the group if anyone is willing to share their persuasive message with the group.
2. Note that contacting elected officials has shown to be a very powerful way to advocate for issues that are important. Review the advocacy toolbox and solicit questions.

Adapt the Lesson

For groups needing more physical activity, consider making the legislative process review into a relay race.

Consider assigning locally relevant topics for participants to craft their persuasive messages.

If more time is available, participants could practice persuasive speeches by role playing local lawmaker and concerned citizen. Allow time to frontload the roles and issues so participants can prepare their arguments and responses.



Idea for Change

An individual or group is motivated to make their community better.



Coalition Building

A group of concerned and/or affected people, businesses, and organizations work together to create a shared vision for a legislative proposal.



Congressional Sponsor Recruitment

The coalition identifies and recruits a Senator or Representative to introduce the bill in Congress.



Introduction into Congress

Sponsor in either the House or the Senate introduces the bill for consideration.



Committee Consideration

The bill is sent to one or more committees of jurisdiction. Committees generally hold a hearing, amend the bill, then vote on the bill. If the committee passes the bill, it is sent to the full House or Senate for a vote.



Floor Debate or Unanimous Consent

Bill goes to the floor of the House or Senate for floor debate prior to a vote. Bills that are not controversial bypass the floor debate process and get approved by unanimous consent.



Vote

Bills must pass in both the House of Representatives and the Senate.



Presidential Signature/Veto

The President signs the bill into law or vetoes the bill and sends it back to Congress.

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National Park Service
nps.gov

U.S. Forest Service
fs.fed.us

U.S. Fish and Wildlife Service
fws.gov

Bureau of Land Management
blm.gov

National Oceanic and Atmospheric Administration
noaa.gov

Bureau of Indian Affairs
bia.gov

Bureau of Reclamation
usbr.gov

Contact Information

Get in touch with The Wilderness Society for more information about public lands or wilderness, to inquire about how to use this presentation for your outdoor programs, or to share your ideas about public lands education!

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Appendix A: Curriculum National Education Standards Linkages

by Wild Rose Education, 2019

Linking Public Lands in the United States to Literacy, Social Studies, and Environmental Education Standards

It is clear that the Public Lands curriculum is interdisciplinary and could be used to meet mandated education priorities. This framework links the eight lessons of the curriculum to the national Common Core, C3: College, Career and Civic Life Framework for Social Studies State Standards, and the K-12 Guidelines for Excellence: Environmental Education. Linkages of lessons to academic standards are intended to validate the Public Lands curriculum and demonstrate how it can compliment, expand, extend, and provide real world contexts to help meet the protocols of the existing mandated education system.

In the chart below the standard ID codes are listed in color coded boxes relative to the degree of linkage: limited, moderate, or strong. A key to the ID codes is provided at the end of the document.

Public Lands Curriculum	Key: Level or degree of linkage					
	Limited	Moderate	Strong			
Module 1, Lesson 1 Personal Connections to Public Lands	CCSS.ELA-LITERACY. SL.11-12.1	D2.Civ.1.9-12	Strand 2.2			
			Strand 2.3.C			
			Strand 3.2.A			
Module 1, Lesson 2 Management and Uses of Public Lands	CCSS.ELA-LITERACY. SL.11-12.1	D2.Civ.1.9-12	Strand 2.2.C			
			D2.Civ.5.9-12			
			D2.Geo.2.9-12			
			D2.Geo.3.9-12			
Module 2 How Did Public Lands Come To Be? Lesson 1a-1c History of Public Lands	CCSS.ELA-LITERACY. RI.11-12.2	D2.Civ.4.9-12	Strand 2.2.A			
			CCSS.ELA-LITERACY. SL.11-12.1	D2.Civ.3.9-12	Strand 2.2.B	
					D2.Geo.5.9-12	Strand 2.2.C
					D2.Geo.6.9-12	Strand 2.3.C
					D2.Geo.10.9-12	Strand 2.3.D
					D2.His.1.9-12	
					D2.His.5.9-12	
					D2.His.6.9-12	
					D2.His.7.9-12	
D2.His.8.9-12						
Module 2, Lesson 2 Early Attitudes and Shifting Perspectives of Wilderness	CCSS.ELA-LITERACY. RI.11-12.7	D2.Civ.8.9-12	Strand 2.2.A			
			CCSS.ELA-LITERACY. SL.11-12.1	D2.Civ.14.9-12	Strand 2.2.B	
					D2.His.3.9-12	Strand 2.3.D
Module 3 Case Studies in Connection With Land and Water Lesson 1: Voices in the Conservation Movement	CCSS.ELA-LITERACY. RI.11-12.7	D2.Civ.14.9-12	Strand 2.2.A			
			CCSS.ELA-LITERACY. SL.11-12.1	D2.Soc.13.9-12	Strand 2.2.B	
					Anthropology, Concept 3	Strand 2.3.C
					Anthropology, Concept 4	Strand 2.3.D

Module 4 Public Lands, Threats, and Current Issues Lesson 1: Benefits of Public Lands	CCSS.ELA-LITERACY. SL.11-12.1	D2.Civ.14.9-12	Strand 2.2.B
		D2.Geo.8.9-12	Strand 2.3.A
Module 4 Public Lands, Threats, and Current Issues Lesson 2: Threats to Public Lands	CCSS.ELA-LITERACY. RI.11-12.7	D2.Civ.12.9-12	Strand 1.C
	CCSS.ELA-LITERACY. SL.11-12.1	D2.Civ.13.9-12	Strand 1.E
		D2.Geo.8.9-12	Strand 2.3.A
		D2.Geo.9.9-12	
		D3.1.9-12	
		D4.6.9-12	
Module 5 Call To Action: What You Do For Public Lands Lesson 1: Advocacy Toolbox and the Art of Persuasion	CCSS.ELA-LITERACY. W.11-12.1	D2.Civ.2.9-12	Strand 2.2.C
	CCSS.ELA-LITERACY. SL.11-12.1	D4.1.9-12	Strand 2.3.D
		D4.2.9-12	
		D4.3.9-12	
		D4.7.9-12	
	D4.8.9-12		

C3: College, Career, and Civic Life Framework for Social Studies State Standards

Dimension 1, Constructing Compelling Questions

By the end of Grade 12, individually and with others, students...

D1.1.9-12. Explain how a question reflects an enduring issue in the field.

D1.2.9-12. Explain points of agreement and disagreement experts have about interpretations and applications of disciplinary concepts and ideas associated with a compelling question.

Dimension 1, Constructing Supporting Questions

By the end of Grade 12, individually and with others, students...

D1.3.9-12. Explain points of agreement and disagreement experts have about interpretations and applications of disciplinary concepts and ideas associated with a supporting question.

D1.4.9-12. Explain how supporting questions contribute to an inquiry and how, through engaging source work, new compelling and supporting questions emerge.

Dimension 1, Determining Helpful Sources

By the end of Grade 12 individually and with others, students...

D1.5.9-12. Determine the kinds of sources that will be helpful in answering compelling and supporting questions, taking into consideration multiple points of view represented in the sources, the types of sources available, and the potential uses of the sources.

Dimension 2, Civic and Political Institutions

By the end of Grade 12 individually and with others, students...

D2.Civ.1.9-12. Distinguish the powers and responsibilities of local, state, tribal, national, and international civic and political institutions.

D2.Civ.2.9-12. Analyze the role of citizens in the U.S. political system, with attention to various theories of democracy, changes in Americans' participation over time, and alternative models from other countries, past and present.

D2.Civ.3.9-12. Analyze the impact of constitutions, laws, treaties, and international agreements on the maintenance of national and international order.

D2.Civ.4.9-12. Explain how the U.S. Constitution establishes a system of government that has powers, responsibilities, and limits that have changed over time and that are still contested.

D2.Civ.5.9-12. Evaluate citizens' and institutions' effectiveness in addressing social and political problems at the local, state, tribal, national, and/or international level.

Dimension 2, Participation and Deliberation

By the end of Grade 12, individually and with others, students...

D2.Civ.8.9-12. Evaluate social and political systems in different contexts, times, and places, that promote civic virtues and enact democratic principles.

Dimension 2, Processes, Rules, and Laws

By the end of Grade 12 individually and with others, students...

D2.Civ.12.9-12. Analyze how people use and challenge local, state, national, and international laws to address a variety of public issues.

D2.Civ.13.9-12. Evaluate public policies in terms of intended and unintended outcomes, and related consequences.

D2.Civ.14.9-12. Analyze historical, contemporary, and emerging means of changing societies, promoting the common good, and protecting rights.

Dimension 2, Geographic Representations

By the end of Grade 12, individually and with others, students...

D2.Geo.2.9-12. Use maps, satellite images, photographs, and other representations to explain relationships between the locations of places and regions and their political, cultural, and economic dynamics.

D2.Geo.3.9-12. Use geographic data to analyze variations in the spatial patterns of cultural and environmental characteristics at multiple scales.

Dimension 2, Human-Environment Interaction

By the end of Grade 12, individually and with others, students...

D2.Geo.5.9-12. Evaluate how political and economic decisions throughout time have influenced cultural and environmental characteristics of various places and regions.

D2.Geo.6.9-12. Evaluate the impact of human settlement activities on the environmental and cultural characteristics of specific places and regions.

Dimension 2, Human Population: Spatial Patterns and Movements

By the end of Grade 12, individually and with others, students...

D2.Geo.8.9-12. Evaluate the impact of economic activities and political decisions on spatial patterns within and among urban, suburban, and rural regions.

D2.Geo.9.9-12. Evaluate the influence of long-term climate variability on human migration and settlement patterns, resource use, and land uses at local-to-global scales.

Dimension 2, Global Interconnections

By the end of Grade 12, individually and with others, students...

D2.Geo.10.9-12. Evaluate how changes in the environmental and cultural characteristics of a place or region influence spatial patterns of trade and land use.

Dimension 2, Change, Continuity, and Context

By the end of Grade 12, individually and with others, students...

D2.His.1.9-12. Evaluate how historical events and developments were shaped by unique circumstances of time and place as well as broader historical contexts.

D2.His.2.9-12. Analyze change and continuity in historical eras.

D2.His.3.9-12. Use questions generated about individuals and groups to assess how the significance of their actions changes over time and is shaped by the historical context.

Dimension 2, Perspectives

By the end of Grade 12, individually and with others, students...

D2.His.5.9-12. Analyze how historical contexts shaped and continue to shape people's perspectives.

D2.His.6.9-12. Analyze the ways in which the perspectives of those writing history shaped the history that they produced.

D2.His.7.9-12. Explain how the perspectives of people in the present shape interpretations of the past.

D2.His.8.9-12. Analyze how current interpretations of the past are limited by the extent to which available historical sources represent perspectives of people at the time.

Dimension 2, Social Relationships: Self, Groups, and Socialization

College, Career and Civic ready students:

D2.Soc.13.9-12. Identify characteristics of groups, as well as the effects groups have on individuals and society, and the effects of individuals and societies on groups.

Anthropology Concept 3. Becoming a Person: Processes, Practices, and Consequences

College, Career and Civic ready students:

- Apply anthropological concepts of boundaries to the analysis of current ethnic, racial, or religious conflicts in the world—or in a local setting.

Anthropology Concept 4. Global and Local: Societies, Environments, and Globalization

College, Career and Civic ready students:

- Understand and appreciate cultural and social difference, and how human diversity is produced and shaped by local, national, regional, and global pattern

Dimension 3, Gathering and Evaluating Sources

By the end of Grade 12, individually and with others, students...

D3.1.9-12. Gather relevant information from multiple sources representing a wide range of views while using the origin, authority, structure, context, and corroborative value of the sources to guide the selection.

Dimension 4, Communicating Conclusions

By the end of Grade 12, individually and with others, students...

D4.1.9-12. Construct arguments using precise and knowledgeable claims, with evidence from multiple sources, while acknowledging counterclaims and evidentiary weaknesses.

D4.2.9-12. Construct explanations using sound reasoning, correct sequence (linear or non-linear), examples, and details with significant and pertinent information and data, while acknowledging the strengths and weaknesses of the explanation given its purpose (e.g., cause and effect, chronological, procedural, technical).

D4.3.9-12. Present adaptations of arguments and explanations that feature evocative ideas and perspectives on issues and topics to reach a range of audiences and venues outside the classroom using print and oral technologies (e.g., posters, essays, letters, debates, speeches, reports, and maps) and digital technologies (e.g., Internet, social media, and digital documentary).

Dimension 4, Taking Informed Action

By the end of Grade 12, individually and with others, students...

D4.6.9-12. Use disciplinary and interdisciplinary lenses to understand the characteristics and causes of local, regional, and global problems; instances of such problems in multiple contexts; and challenges and opportunities faced by those trying to address these problems over time and place.

D4.7.9-12. Assess options for individual and collective action to address local, regional, and global problems by engaging in self-reflection, strategy identification, and complex causal reasoning.

D4.8.9-12. Apply a range of deliberative and democratic strategies and procedures to make decisions and take action in their classrooms, schools, and out-of-school civic contexts.

Common Core State Standards for English Language Arts

CCSS.ELA-LITERACY.RI.11-12.2 Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text.

CCSS.ELA-LITERACY.RI.11-12.3 Analyze a complex set of ideas or sequence of events and explain how specific individuals, ideas, or events interact and develop over the course of the text.

CCSS.ELA-LITERACY.RI.11-12.7 Integrate and evaluate multiple sources of information presented in different media or formats (e.g. visually, quantitatively) as well as in words in order to address a question or solve a problem.

CCSS.ELA-LITERACY.W.11-12.1 Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.

CCSS.ELA-LITERACY.SL.11-12.1 Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

K-12 Environmental Education: Guidelines for Excellence (North American Association for Environmental Education)

Strand 1 - Questioning, Analysis and Interpretation Skills

- A. Questioning
 - B. Designing Investigations
 - C. Collecting information
 - D. Evaluating accuracy and reliability
 - E. Organizing information
 - F. Working with models and simulations
 - G. Drawing conclusions and developing explanations
-

Strand 2 - Environmental Processes and Systems

1. Earth as physical and living systems

- A. Earth's physical systems
- B. Earth's living systems

2. Human systems

- A. Individuals, groups, and societies
- B. Culture
- C. Political systems
- D. Economic systems

3. Environment and society

- A. Human-environment interaction
 - B. Resource distribution and consumption
 - C. Places
 - D. Change and conflict
-

Strand 3 - Skills for Understanding and Addressing Environmental Issues

3.1 Skills for analyzing and investigating environmental issues

- A. Identifying and investigating issues
- B. Sorting out the consequences of issues
- C. Identifying and critiquing alternative solutions and courses of action
- D. Working with flexibility, creativity, and openness

3.2 Decision-making and action skills

- A. Forming and evaluating personal views
 - B. Evaluating the need for action
 - C. Planning and taking action
 - D. Evaluating the results of actions
-

Strand 4 - Personal and Civic Responsibility

- A. Recognizing rights and responsibilities
- B. Recognizing efficacy and developing agency
- C. Accepting personal responsibility

Appendix B: Curriculum Colorado Education Standards Linkages

by Wild Rose Education, 2019

Linking Public Lands in the United States to Literacy, Social Studies, and Environmental Education Standards

It is clear that the Public Lands curriculum is interdisciplinary and could be used to meet mandated education priorities. This framework links the eight lessons of the curriculum to the Colorado 2020 Social Studies and 2020 Literacy standards. Linkages of lessons to academic standards are intended to validate the Public Lands curriculum and demonstrate how it can compliment, expand, extend, and provide real world contexts to help meet the protocols of the existing mandated education system.

In the chart below the standard ID codes are listed in color coded boxes relative to the degree of linkage: limited, moderate, or strong. A key to the ID codes is provided at the end of the document.

Key: Level or degree of linkage	Limited	Moderate	Strong
Public Lands Curriculum		Colorado 2020 Social Studies Standards (9th-12th grade)	Colorado 2020 Literacy Standards (11th -12th grade)
Module 1, Lesson 1 Personal Connections to Public Lands			RW:H2.1.1
Module 1, Lesson 2 Management and Uses of Public Lands		SS.HS.2.1	RW.H2.1.2
		SS.HS.4.2	
Module 2 How Did Public Lands Come To Be? Lesson 1a-1c History of Public Lands		SS.HS.1.1	RW.H2.2.2
		SS.HS.1.2	
		SS.HS.2.3	
		SS.HS.4.3	
Module 2, Lesson 2 Early Attitudes and Shifting Perspectives of Wilderness		SS.HS.1.2	RW.H2.1.1
			RW.H2.2.2
Module 3 Case Studies in Connection With Land and Water Lesson 1: Voices in the Conservation Movement		SS.HS.2.2	RW.H2.1.1
Module 4 Public Lands, Threats, and Current Issues Lesson 1: Benefits of Public Lands		SS.HS.2.2	RW.H2.1.1
			RW.H2.1.2
Module 4 Public Lands, Threats, and Current Issues Lesson 2: Threats to Public Lands		SS.HS.2.2	RW.HS.1.1
			RW.HS.1.2
Module 5 Call To Action: What You Do For Public Lands Lesson 1: Advocacy Toolbox and the Art of Persuasion		SS.HS.4.1	RW.H2.3.1
		SS.HS.4.3	

Colorado 2020 Social Studies Standards

SS.HS.1.1 High School, Standard 1. History

Prepared Graduates: Understand the nature of historical knowledge as a process of inquiry that examines and analyzes how history is viewed, constructed, and interpreted.

Grade Level Expectation: Use the historical method of inquiry to formulate compelling questions, evaluate primary and secondary sources, analyze and interpret data, and argue for an interpretation defended by textual evidence.

SS.HS.1.2 High School, Standard 1. History

Prepared Graduates: Analyze historical time periods and patterns of continuity and change, through multiple perspectives, within and among cultures and societies.

Grade Level Expectation: Key concepts of continuity and change, cause and effect, complexity, unity and diversity, and significant ideas in the United States from Reconstruction to the present.

SS.HS.1.3 High School, Standard 1. History

Prepared Graduates: Analyze historical time periods and patterns of continuity and change, through multiple perspectives, within and among cultures and societies.

Grade Level Expectation: Key concepts of continuity and change, cause and effect, complexity, unity and diversity, and significant ideas throughout the world from the Renaissance to the present.

SS.HS.2.1 High School, Standard 2. Geography

Prepared Graduates: Apply geographic representations and perspectives to analyze human movement, spatial patterns, systems, and the connections and relationships among them.

Grade Level Expectation: Use geographic tools and resources to analyze Earth's human systems and physical features to investigate and address geographic issues.

SS.HS.2.2 High School, Standard 2. Geography

Prepared Graduates: Examine the characteristics of places and regions, and the changing nature among geographic and human interactions.

Grade Level Expectation: Geographic variables influence interactions of people, places, and environments.

SS.HS.2.3 High School, Standard 2. Geography

Prepared Graduates: Examine the characteristics of places and regions, and the changing nature among geographic and human interactions.

Grade Level Expectation: The interconnected nature of the world, its people and places.

SS.HS.4.1 High School, Standard 4. Civics

Prepared Graduates: Express an understanding of how civic participation affects policy by applying the rights and responsibilities of a citizen.

Grade Level Expectation: Research and formulate positions on local, state, and national issues or policies to participate in a civil society.

SS.HS.4.2 High School, Standard 4. Civics

Prepared Graduates: Analyze the origins, structures, and functions of governments to evaluate the impact on citizens and the global society.

Grade Level Expectation: Purposes, roles and limitations of the structures and functions of government.

SS.HS.4.3 High School, Standard 4. Civics

Prepared Graduates: Express an understanding of how civic participation affects policy by applying the rights and responsibilities of a citizen.

Grade Level Expectation: Evaluate the impact of the political institutions that link the people to the government.

Colorado 2020 Reading, Writing, and Communicating Standards

RW.H2.1.1 Eleventh / Twelfth Grade Band, Standard 1. Oral Expression and Listening

Prepared Graduates: Collaborate effectively as group members or leaders who listen actively and respectfully; pose thoughtful questions, acknowledge the ideas of others; and contribute ideas to further the group's attainment of an objective.

Grade Level Expectation: Follow collaborative guidelines to ensure a hearing of a full range of positions on a topic or issue, and evaluate responses.

RW.H2.2.2 Eleventh / Twelfth Grade Band, Standard 2. Reading for All Purposes

Prepared Graduates: Read a wide range of informational texts to build knowledge and to better understand the human experience.

Grade Level Expectation: Interpret and evaluate complex informational texts using various critical reading strategies.

RW.H2.3.1 Eleventh / Twelfth Grade Band, Standard 3. Writing and Composition

Prepared Graduates: Craft arguments using techniques specific to the genre.

Grade Level Expectation: Write thoughtful, well-developed arguments that support knowledgeable and significant claims, anticipating and addressing the audience's values and biases.