

THE LANDSCAPE PARTNERSHIP PORTAL

A Guide to Collaboration and Communication Tools

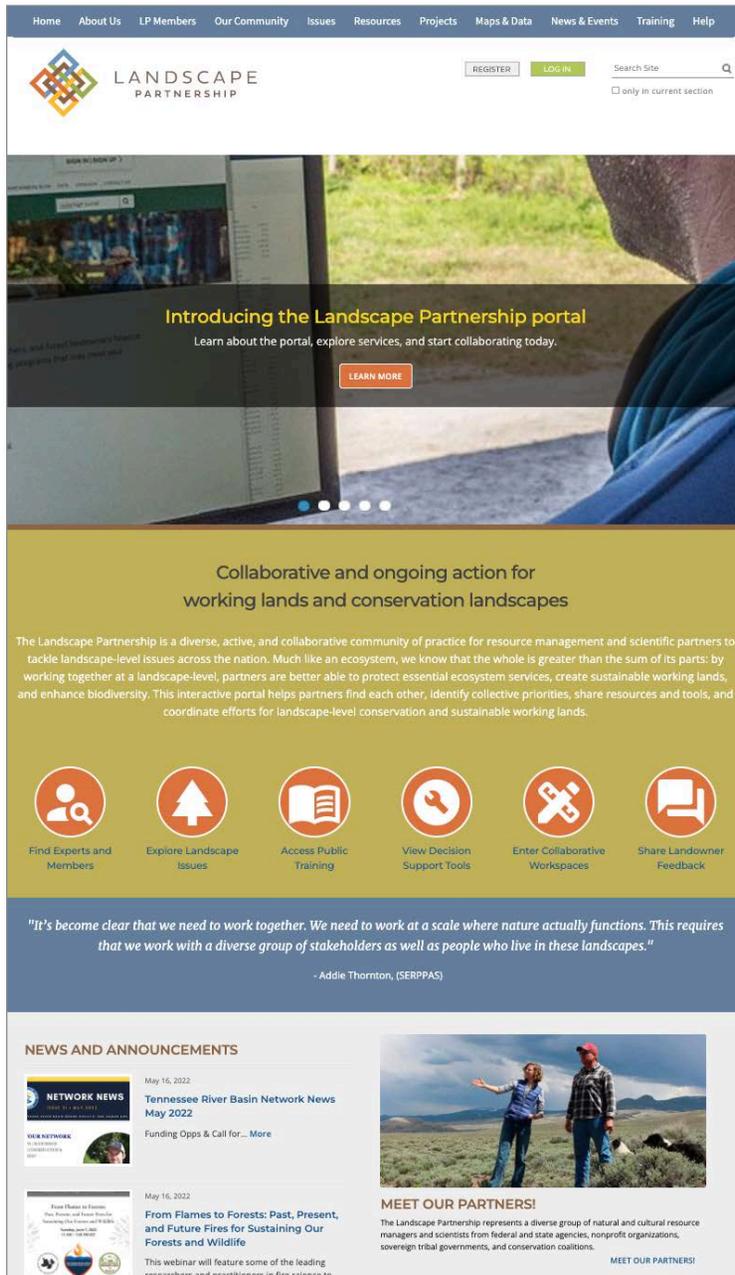


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What is the Landscape Partnership portal?

A Landscape-scale Conservation Approach

The Landscape Partnership portal is a diverse, active, and collaborative community for resource management and scientific partners to tackle landscape-level issues across the nation.

Much like an ecosystem, we know that the whole is greater than the sum of its parts: by working together at a landscape-level, partners are better able to protect essential ecosystem services, create sustainable working lands, and enhance biodiversity.

This interactive portal helps partners find each other, identify collective priorities, share resources and tools, and coordinate efforts for conservation and sustainable working lands.

Portal visitors can share technical information, host GIS mapping products and a variety of decision-support tools, view and download online learning materials, find out about partnership activities and newly funded projects, and identify technical experts who are available to provide assistance. Some tools require visitors to register and login to have deeper access to certain applications, tools, and workspaces.



This catalog outlines services, tools, and apps offered to LP Members and affiliated users

All Landscape Partnership (LP) Members, as well as their affiliated users, can receive curated services from the Landscape Partnership staff and support to use all the existing tools and apps outlined in this Catalog, as well as build their own tools and apps on the portal. These state-of-the-art tools and apps can help aid knowledge management, data storage and visualization, cross-organization collaboration, and GIS-based decision-making.

LP Members are agencies, organizations, and partnerships whose web presence is primarily within the Landscape Partnership portal. To learn more about becoming an LP Member and its offerings, please get with the team at info@landscapepartnership.org.

Priority Issues in the Landscape Partnership



LANDSCAPE CONSERVATION

Working with partners beyond boundaries to conserve priority landscapes that sustain people, wildlife, and natural and cultural resources.



COASTAL & COMMUNITY RESILIENCE

Working with partners to help strengthen natural areas to protect coastal communities against change and natural disasters.



AT-RISK SPECIES

Working with partners to conserve and recover important species and habitats that provide natural benefits to people.



AQUATIC CONNECTIVITY

Working with partners to conserve rivers and river systems that are healthy, safe and connected.



WILDLAND FIRE

Working with partners and the broader fire community to support prescribed burning, new fire science, wildfire management, and advanced training.

Collaboration and Communication Tools on the Landscape Partnership Portal



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MEMBERS & COMMUNITY

Supporting Collaboration



Expertise Search

Organization Search

Workspaces

Partner Meetings

Blogs

Contests and Competitions



MEMBERS & COMMUNITY

Expertise Search

The Expertise Search allows users to find other experts who use and share information on the Landscape Partnership portal. Search filters let you search for users by areas of expertise and geographic focus. Registered users on the portal can make their own Expertise profile.

Expertise Database Profile Search

Type in a Name or an Organization and/or check desired category items. Click open (+) and close (-) on category boxes to initiate your search.

To see all entries in the directory, just click the SEARCH button with no categories or fields selected.
Hit RESET to start a new search.

PROFILE SEARCH

MAP SEARCH

LAST NAME:

ORGANIZATION:

Expertise EcoRegions (+show map)

Taxa/Group

Habitat / System Level Study & Management

Monitoring, Application of Analytical Tools, Data Management

Conservation Delivery, Response, Design

Social Science and Communications Knowledge

Not in the Landscape Partnership and the Expertise Database?
JOIN NOW!

Already a Logged in Portal User and want to edit your profile?
ADD YOUR EXPERTISE!

Need help searching?
READ OUR GUIDES

SEARCH **RESET**

 Learn more about the [Expertise Search](#)



MEMBERS & COMMUNITY

Expertise Profile Sample

Below is an example of an Expertise Profile in the Expertise Search. This shows how they use the portal and the topics they work on. Contact information provided here helps make users more accessible to one another.

Lucas Furman



Organization	The Longleaf Alliance
State	Florida
Title/Position	GIS Coordinator
Department	
E-mail	Send e-mail
US Eco Regions	
Wildland Fires	Fire Science

Lucas Furman has been with the Longleaf Alliance since July 2016, initially serving as a member of the Gulf Coastal Plain Ecosystem Partnership's Ecosystem Support Team, transitioning to the role of GIS Support Specialist and now serving as the organization's GIS Coordinator. Lucas has an extensive working knowledge of longleaf ecosystem management and GIS applications, having worked in numerous wildland fire and GIS positions in Federal, State, County, NGO and Contract capacities over the last 10 years.

In his current role, Lucas facilitates GIS capacity within range-wide conservation and planning projects, supporting Local Implementation Team (LIT) and partner initiatives. GIS is an invaluable communication and analysis tool, not only improving communication between stakeholder groups, but also in understanding landscape context and improved management. Utilizing his diverse background across stakeholder groups, Lucas supports a variety of ecosystem assessment and prioritization efforts, building effective communication tools for planners, practitioners, scientists and GIS managers.

Expertise

Disturbance-dependent communities (e.g., fire-dependent forests, etc.) | Longleaf Pine Ecology | Longleaf Pine Growth & Yield | Fire Ecology | Geospatial (GIS) | Remote sensing (LIDAR) | Remote sensing and photo interpretation (cartography, etc.) | Forest/natural cover management, restoration | Clean Water | Environmental education, interpretation, and educational outreach | Fire Science

MEMBERS & COMMUNITY



Organizations Search

The Organization Search allows users to share important organizations working on these topics. You can add in your own organizations on the Organizations Page. Using the Search Bar, users can filter by organization name, type, or topic to find certain organizations. Below is an example of a typical Organization profile.

**Add an Organization**

Search Organizations

SEARCH

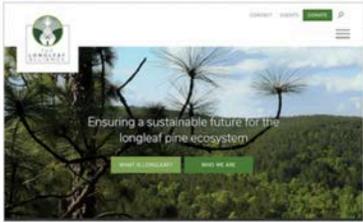
Organization Type

- Federal Agencies
- Non-governmental Organizations
- Regional Partnerships
- State Agencies
- Tribal Nations
- Universities

Organization Topic and Species

- Wildland Fire
- Black Duck
- Bog Turtle
- Eastern Hellbender
- Golden Winged Warbler
- Northern Bobwhite Quail

The Longleaf Alliance



The mission of The Longleaf Alliance is to ensure a sustainable future for the longleaf pine ecosystem through partnerships, landowner assistance and science-based education and outreach.

KEYWORDS:
Wildland Fire , Working Lands for Wildlife , NGO , Longleaf Alliance , Northern Bobwhite Quail

Address	12130 Dixon Center Road
City	Andalusia
State / Province	AL
Country	USA
Postal Code	36420
E-mail	
Website	Link to website
Phone	3344271029
Fax	
Partnership types	

 **Learn more about Partnering Organizations**



MEMBERS & COMMUNITY

Workspaces

 [Learn more about Workspaces](#)

Workspaces help partners collaborate together more effectively. They provide online infrastructure and space for partners to share their expertise with one another, exchange resources and ideas, and plan work together.

Workspaces are password protected areas that you can use to share files and data and troubleshoot problems together using databases, events and calendar invites, spatial data, and other resources. Users can request access to existing workspaces or can request to start their own.

SE FireMap - Technical Oversight Team

by Joseph Badash — last modified Apr 16, 2020 04:56 PM — History



Image: The Longleaf Alliance

This is a private workspace for the SE FireMap Technical Oversight Team (Team), an advisory body to the current project funder, the Natural Resources Conservation Service, as well as its cooperative agreement partner the Endowment for Forestry and Communities and subawardee the Longleaf Alliance (these three collectively known as the Project Managers). In August 2019, applicants to the Team were solicited from partners and experts across the Southeastern U.S. Based on application forms and input from stakeholders, members were selected from among applicants responding to a Statement of Interest circulated by the Endowment for Forestry and Communities. The selected members possess relevant technical skills and experience, as well as networking capacity in the fire science community throughout the U.S., to support the SE FireMap project and ensure its success.

 **Need Help?**
If you need help working in the group.

Full List of Workspace Content

To Add or Review content in the group click items in the table below.

Title	Description
SE FireMap Documentation	SEFireMap background and other project documents - including: TOT charter, SEFireMap fact sheet, original scoping RFP, outreach materials, etc.
TOT Meeting Records	TOT meeting agendas, recordings, notes and supporting documentation.
Scoping Phase Reference Materials	Space to upload and review technical materials supporting the scoping phase.
Development Phase Reference Materials	Space to upload and review documents supporting the Development phase.
Member Contacts	Contact information for members of this workgroup
Discussion Thread	Space to facilitate and track open discussion amongst TOT members between meetings. Intended to capture any "Partner Coordination" and other general feedback to...

Working Lands Partner Workspace

The Working Lands Partner Workspace is a private working group and is password protected. You must login or register with the provider to access the folders. Please use the Register button to request access. The workspace was funded for NRCS and its partners to collaborate in support of private landowners to implement Working Lands for Wildlife partnership.



[READ MORE...](#)

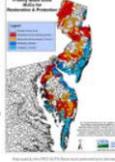
Working Lands for Wildlife Partner Workspace

The workspace was funded for NRCS and its partners to collaborate in support of private landowners to implement Working Lands for Wildlife partnership.

[READ MORE...](#)

American Black Duck Partner Workspace

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[READ MORE...](#)

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[READ MORE...](#)

Bog Turtle Partner Workspace

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[READ MORE...](#)

Bog Turtle Partner Workspace

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[READ MORE...](#)

Eastern Hellbender Partner Workspace

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[READ MORE...](#)

Eastern Hellbender Partner Workspace

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[READ MORE...](#)

MEMBERS & COMMUNITY



Meetings through Workspaces

The Landscape Partnership can also support you to host meetings and meet with other experts. Through the portal you can register participants to attend events, share a calendar of events, and request meeting support from the Landscape Partnership team.

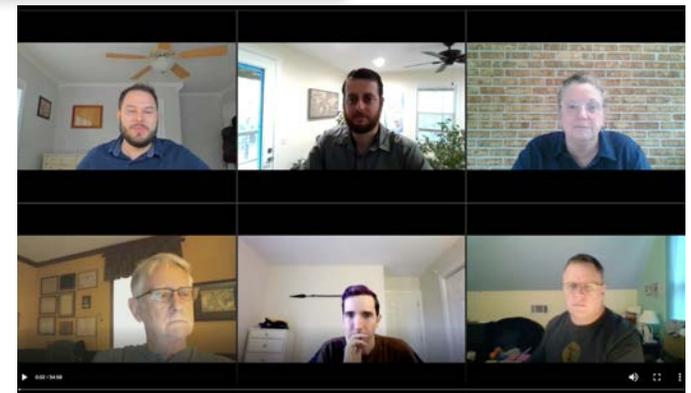


2022.01.20 TOT Meeting

[2022.01.20 TOT Meeting Agenda](#)
Meeting agenda.
[READ MORE...](#)

[2022.01.20 TOT Meeting Recording](#)
Meeting recording.
[READ MORE...](#)

[2022.01.20 TOT Meeting Summary](#)
Meeting notes.





MEMBERS & COMMUNITY

Customized Surveys for Meetings

Users can request support from the Landscape Partnership to develop surveys to share in Workspaces to collect meeting registration, gather feedback and questions after a workshop, and receive project insights from collaborators.

Collect registration and feedback for meetings

WORKING LANDS FOR WILDLIFE Northern Bobwhite, Grasslands, and Savannas National Partnership Meeting

Questions and Feedback

Thank you for attending the WLFW Northern Bobwhite, Grasslands, and Savannas National Partnership Meeting! Please share questions, feedback, or ideas you have in the form below.

All response boxes are optional - feel free to share where it most interests you. We will review all questions and feedback that is shared.

Name *
Short answer text

Organization *
Short answer text

Email *
Short answer text

Questions
Share any follow-up questions you have about WLFW and/or information shared during the Partnership Meeting

Long answer text

Gather project information from partners

SE FIREMAP

SE FireMap Version 1.0 Product Feedback

Thank you for participating in this survey! As the SE FireMap project team works to improve this product, user community feedback is very helpful. Please keep in mind known issues and limitations with the Version 1.0 product as you fill out this form - [a summary can be found here](#).

General Review Questions:

Do the fire history metrics provide a good spatial representation of the pattern of fire in the Southeastern US? Please consider both public and private lands.

Yes
 No

Please Explain.
[Text area]

Are the fire history metrics provided useful in making critical conservation management decisions in the Southeastern US?

Yes
 No

Please Explain.
[Text area]



MEMBERS & COMMUNITY

Blog Posts

Users can create blog posts in the workspaces to share news, events, and updates with other practitioners and the wider conservation community.

National Association of State Foresters Weekly Newsletter March 4, 2022

NASF launches Carbon Network webpage...

[Original Source](#)

NASF News

NASF launches Forest Carbon Network digital clearinghouse [\[NASF Blog\]](#)

NASF is pleased to announce the launch of a new digital clearinghouse for state forestry agencies that includes forest carbon and forest carbon market resources. **New Smokey Bear PSAs feature fictional AI Assistant to remind Americans of important wildfire prevention tips** [\[NASF Newsroom\]](#)

"Have you ever wondered: 'what would Smokey Bear do?' State forestry agencies want to make sure you have all the answers when it comes to wildfire prevention," said Jay Farrell, NASF executive director.

"Smokey's AI Assistant has answered some of your questions, but we know you have more. Consider asking your state forestry agency for help or visiting [SmokeyBear.com](#) for step-by-step safety guides on equipment maintenance and debris burning."

In Your State

To save the Pinelands, New Jersey officials must burn them [\[Press of Atlantic City\]](#)

Prescribed burnings are routine, albeit a crucial part of fire management used around the world. The technique is especially important in the Pinelands, an ecologically fragile 1.1-million acre nature reserve in the center of the most densely populated U.S. state. **Waterville, Maine, holds demonstration on removal of browntail moth nests** [\[Central Maine\]](#)



Weekly Newsletter
March 4, 2022
NASF News

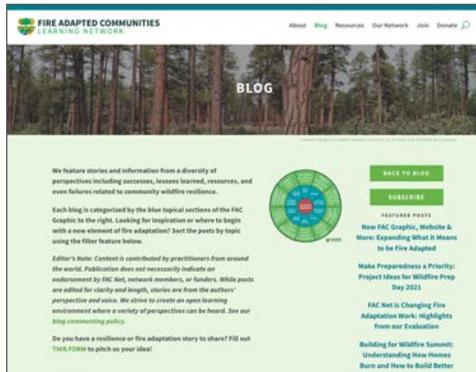




MEMBERS & COMMUNITY

Blog Post Examples

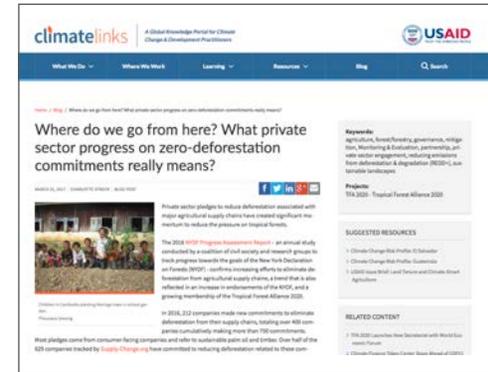
Below are several examples of sites that use Blog posts to emphasize important messages and stories. The team can help you customize blog categories and tags to help map to your project search filters.



Fire Adapted Communities - Blog
<https://fireadaptednetwork.org/blog/>



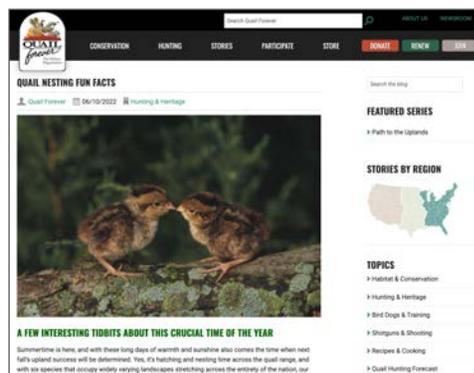
Earth Journalism - Stories
<http://earthjournalism.net/stories>



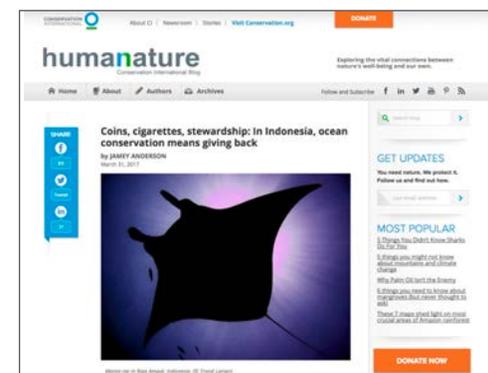
ClimateLinks - Blog
<https://www.climatelinks.org/blog>



USAID Biodiversity Links - Stories
<https://biodiversitylinks.org/stories>



Quail Forever - Example Blog Post
<https://quailforever.org/BlogLanding/Blogs/Quail-Forever/Quail-Nesting-Fun-Facts.aspx>



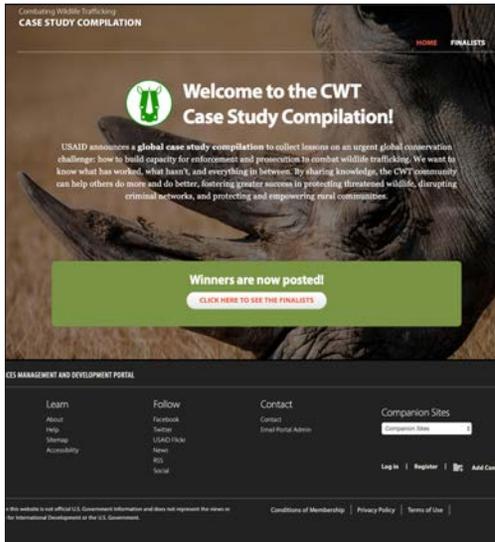
CI - Example Blog Post
http://blog.conservation.org/?_ga=1.143590901.1304358892.1489419558



MEMBERS & COMMUNITY

Contests and Competitions

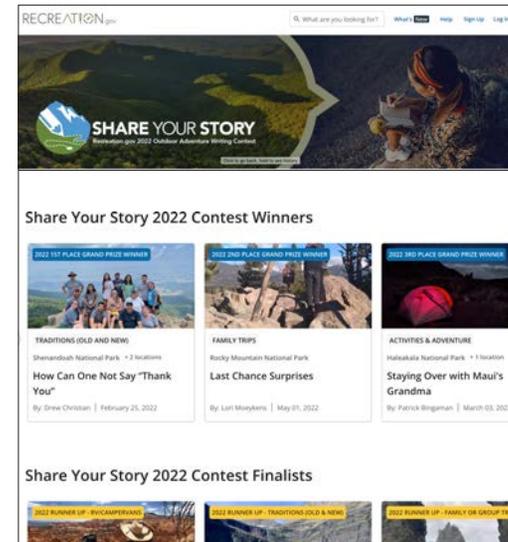
The Landscape Partnership team can help users create and manage contests, competitions, and project compilations on the portal. Such contests and competitions can help inspire and connect wider conservation communities and stakeholders and encourage greater collaboration between practitioners.



Source: [Combating Wildlife Trafficking Case Study Compilation](#)



Source: [USAID BRIDGE Competition](#)



Source: [Recreation.gov 'Share Your Story' Contest](#)



MEMBERS & COMMUNITY

Example Partner Communication and Outreach

Communication & Outreach

by Web Editor — last modified Jun 13, 2022 11:16 AM — History

A primary goal of the Tennessee River Basin Network is to enable better coordination and cooperation between partners. Greater coordination allows everyone to better understand what is happening, where, and by whom. This enables more effective and aligned projects to enhance natural resources and deliver conservation. The Network also aims to engage the broader community and public in the region on the many values of nature (or ecosystem services) that the River Basin provides communities and wildlife, from drinking water to habitat, recreational access to economic development.



VIDEOS AROUND THE BASIN

Through this collection of over 40 videos about the ecology, threats, conservation efforts, and pride within the Tennessee River Basin, we are sharing film resources among partners in the Network as well as increasing awareness of conservation and natural resource management taking place in the region.

- [Threats](#)
- [Conservation Efforts](#)
- [Pride of Place](#)
- [TRB Ecology 101](#)

The Purpose of the Communication and Outreach Team includes:

- Developing and marketing a "Pride of Place" message and branding for the identity of the Tennessee River Basin - accomplished through the inventoring and promotion of existing films and multimedia products about the Tennessee River Basin and the development of a region-wide film about the many benefits of the River Basin to human communities.
- Connecting key natural resources and conservation groups to this region-wide initiative, with the focus on healthy watersheds as an economic driver - accomplished through the Networking characteristic of this partnership and achieved by yearly meetings, quarterly webinars, and additional collaborative opportunities.
- Educating the public about the importance of clean water - part of the activities of the Education sub team.
- Working towards public behavior change - part of the activities of both the Marketing and Education sub teams.
- Assembling and marketing funding opportunities and leveraging resources among Network members - part of the activities of the Funding sub team.

Partners working within the Network's Communication and Outreach Team:

- Landscape Partnership
- Caribbean and Tennessee Student Environmental Alliance
- Office of Surface Mining Reclamation and Enforcement
- Flint River Conservation Association
- Haywood Waterways Association
- North Carolina Wildlife Resources Commission
- South Chickamauga Creek Greenway Alliance
- Southeast Tennessee Tourism Association
- Southeast Watershed Forum
- Tennessee Aquarium Conservation Institute
- Tennessee Valley Authority
- Tennessee Valley Wild Ones
- Tennessee Wildlife Resources Agency
- The Land Trust for Tennessee
- The Nature Conservancy
- Tennessee Department of Agriculture
- Volkswagen



TRAINING

Develop, Facilitate, Share, Training



Workshops

Webinars

The Learning Network



TRAINING

Workshops & Live Webinars

Users in the workspaces can receive support to prepare, host, and share workshops and live webinars on the portal. The Landscape Partnership can help you set up a virtual meeting, create a registration page for participants, and support with facilitation efforts during your workshops.

On the portal, meeting organizers can share event details, store and share meeting files, and upload recordings after meetings to share back with attendees.

Webinar: Native Warm-Season Grass Forages and Grazing Management for Bobwhites

by WLFW — last modified Nov 30, 2021 02:27 AM — History
Contributors: (Author?)

Join us for a two-day webinar discussing native warm-season grass forages in the eastern U.S. and integrating grazing management for Northern Bobwhites.

A two-day webinar discussing native warm-season grass forages in the eastern U.S. and integrating grazing management for Northern Bobwhites will be presented on December 1 and 2, 2021 from 2:00 – 3:40 PM EST.



Webinar: Native Warm-Season Grass Management for Bobwhites

Dr. Pat Keyser, Professor and Director for the Center for Native Grasslands Management at the University of Tennessee, and Jef Hodges, Grasslands Coordinator for the National Conservation Initiative, headquartered at Clemson University, will provide science related to native warm-season grass forages, their attributes, proven establishment management guidelines and integrating grazing management with bobwhites.

REGISTRATION: https://us02web.zoom.us/webinar/register/WN_u25gZw-vR-yshV

Participants will be provided with a foundational understanding of native warm-season establishment and management, and how to integrate grazing and bobwhite ma

 Learn more about Landscape Partnership and partner [Events](#)

Field Day at Mountain Research Station

The Field Day at the Mountain Research Station in Waynesville, NC will be a great event for agricultural producers to get the latest updates on agricultural research and to see the latest and best available tools and equipment at the trade show. The NRCS Partner Biologists for the Hellbender Working Lands for Wildlife Initiative will be in attendance with information about the program.

When	Jul 18, 2019 from 02:00 PM to 07:00 PM
Where	Mountain Research Station, 265 Test Farm Road, Waynesville, NC
Contact Name	Katie Freeman
Add event to calendar	vCal iCal

Registration and trade show open at 1:30 pm
Opening remarks start at 2:30 pm
Educational session on forage fertility and alternative lime sources from 2:45 to 3:45 pm
Two field tours: Beef & Forage (winter feeding areas, crabgrass variety trial, hemp grain variety trial, and bull test and scoring) or Crop Production (tomato disease management, tomato breeding, and cucurbit downy mildew), from 4:00 to 5:30 pm
Dinner will be served at 5:30 pm
Location: Mountain Research Station, 265 Test Farm Road, Waynesville, NC
For more information, contact: Katie Freeman at katie.beam@ncagr.gov
[More information about this event...](#)



TRAINING

Videos and Recorded Webinars

On the portal, users can access conservation and working lands videos and webinars developed by partners. These videos are meant for a wide range of audiences — from technical experts and practitioners to landowners and the public. The Search feature can help users pursue videos and filter them by topic.

Search Videos and Webinars

Topics

- Climate
- Conservation
- Energy
- Fire
- Grasslands
- How To, Training, and Tutorials
- Human Dimensions
- Rivers and Streams
- Soil Health
- Working Lands for Wildlife

[Learn more about Videos and Recorded Webinars](#)

Biological Indicators of Soil Health

Soil for Water

Living Soil Film

The Habitat Matrix - Stepping Down Bird Management From Landscape to Stand

A Path Forward: Understanding and Restoring Degraded Forests A Working Lands for Wildlife Virtual Event

Working With Farmers and Landowners in NY to Restore Bog Turtle Habitat Powerpoint Presentation

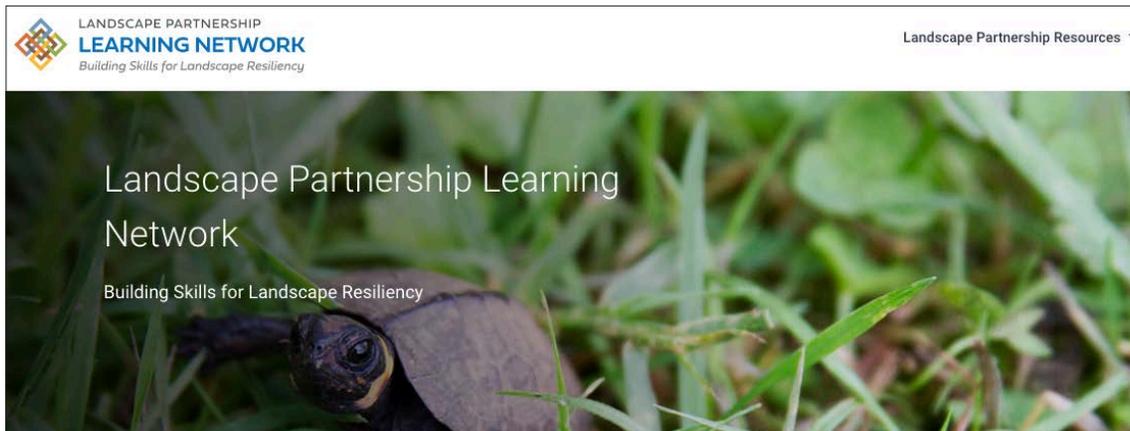
Welcome to the Native Warm-Season Grass Webinar with Dr. Pat Keyser and Jef Ho



TRAINING

The Learning Network

The LP Learning Network hosts virtual courses that support landscape-level conservation. Through these trainings, practitioners and landowners can learn about decision-support tools, science-led conservation techniques, research applications in the field, and ways to improve landscapes in partnership with other stakeholders.



 [Learn more about the Learning Network](#)

<p>Soil Health Resources</p> <p>Adoption of regenerative soil health systems to benefit farmers, the environment, and society.</p>	<p>Wildland Fire Training Resources</p> <p>A variety of online training materials available for fire practitioners and others to build their skills and understanding of many wildland fire subject areas.</p>	<p>Decision Support Tools</p> <p>Spatially Based Decision Support Tools to convey scientific information and inform decision making</p>	<p>Landscape Planning and Design</p> <p>Landscape-level thinking and ways to approach multi-stakeholder collaboration for sustained conservation across landscapes</p>

TRAINING

The Learning Network - Courses



Find free courses on wildland fire, environmental decision-making, science applications, at-risk species, and other topics on the Learning Network. An example of an existing course with video sessions and forum discussions is shared below. Course participants can receive certifications for completing a course from the Landscape Partnership and some courses may also qualify for educational credits with partnering academic institutions.



Community of Practice: Native Warm-Season Grass Forages and Grazing Management for Bobwhites

Home / Courses / Working Lands for Wildlife (WLFW) / Community of Practice: Native Grasses and Bobwhites

Community of Practice (CoP): Native Grasses and Bobwhites

Welcome!

If you have already completed the course *Native Warm-Season Grass Forages and Grazing Management for Bobwhites*, you've come to the right place!

This Community of Practice (CoP) is where you can **go beyond LinkedIn and email** to share knowledge and experiences, ask questions and weigh in on answers, and provide suggestions to questions or concerns posed.

If you have **not yet taken the course**, go to [Native Warm-Season Grass Forages and Grazing Management for Bobwhites](#).

CoP CONTENTS:

- **Q + A sessions** generated during the live webinars and online course delivery
- Follow-up Q + As
- Written transcripts from all presentations

Q + A Session: Business Case for NWSG Forages Presented by Dr. Pat Keyser

Watch video

Day 1: Session 1 Q + A



Transcript: Business Case for NWSG Forages

Forum: Business Case for NWSG Forages

 **Learn more about the Learning Network**



CONTENT

Shareable Projects, Products, and Resources



Projects

Products

Resources

Podcasts

Print-ready materials



CONTENT

Projects and Products

Users can access a database of conservation projects and products on the Landscape Partnership and upload and share their own projects and products for others to use.

Projects include scientific reports and research. Products include maps, spatial datasets, assessments, plans, and models that partners can use to make conservation decisions and prioritize actions. The databases have many search filters to narrow in on the topics, regions, and impacts that most interest users.

What are Partners Doing?

PROJECT SEARCH TOOL

Learn more about **Projects** on the portal

What are the Projects Accomplishing?

PRODUCTS SEARCH TOOL

Learn more about **Products** on the portal



CONTENT

Projects

Users can access a database of conservation products on the Landscape Partnership and upload and share their own products for others to use. Products include maps, spatial datasets, assessments, plans, and models that partners can use to make conservation decisions and prioritize actions.

The database has many search filters to narrow in on the Resource Types, Conservation Targets, Frameworks, Threats/Stressors, and Actions that can be taken with the Product.

Sample Partner PROJECT Entry in the Portal

Projects connect to hyperlinked **products**, people, and other relevant information

Project metafields enable linking to internal and external products

PROJECT PAGE:

- Decision Support Framework for Sea-level Rise Impacts

Resource Type:	Ecosystems
Conservation Targets:	Coastal and Marine
Conservation Framework:	Assumption-based Research
Threats/Stressors:	Climate Change, Sea-level rise and storm impacts
Conservation Action:	Habitat and natural process restoration, Site/area management

Decision Support Framework for Sea-level Rise Impacts

Loss of land as a result of increasing sea level is among the gravest threats that climate change poses to coastal areas, and one of the most difficult to prepare for because different beaches, barriers, and marshes can respond to sea level rise in various dynamic ways. By distinguishing between areas in the Northeast that are likely to experience flooding as a result of sea-level rise and those that are likely to respond dynamically to sea-level rise by moving or changing, this report offers a resource to support coastal management decisions at both regional and local scales in the context of accelerated change.

Go to the Product(s)
[Final report on the decision support framework](#)
[Spatial datasets on coastal landscape change and land loss in response to sea-level rise](#)

Resources
[Page for Sea-Level Rise Hazards and Decision Support](#)
[Page for Coastal Landscape Response to Sea-Level Rise Assessment for the United States](#)
[Northeast CSC, which maintains its own project page](#)

Description
 Columbia University team evaluated sea-level rise impacts in the northeastern U.S. They developed a reconnaissance method to distinguish coastal areas in the northeastern U.S. (e.g., urban areas) that will likely experience a predominantly inundation (e.g., flooding) response to sea-level rise and those that will likely respond dynamically by moving or changing (e.g., landforms such as dunes and marshes). They found that areas likely to inundate include urban regions of the Northeast and/or coastal engineering, as well as bedrock coasts. Alternatively, areas likely to respond dynamically include beaches, unconsolidated cliffs, barrier islands, and wetlands. By distinguishing between these two types of coastal areas, future work can inform coastal management research and decision support efforts.

Contact(s)
[Research fellow, U.S. Geological Survey](#)
[Geologist, U.S. Geological Survey](#)

PROJECT PAGE:

- Decision Support Framework for Sea-level Rise Impacts

Resource Type:	Ecosystems
Conservation Targets:	Coastal and Marine
Conservation Framework:	Assumption-based Research
Threats/Stressors:	Climate Change, Sea-level rise and storm impacts
Conservation Action:	Habitat and natural process restoration, Site/area management



CONTENT

Products

Users can access a database of conservation projects on the Landscape Partnership and upload and share their own projects for others to use. Projects include specific research efforts, resiliency projects, habitat inventories, and assessments, among others, that have been used to support a target and goal.

The database has many search filters to narrow in on the specific flora and fauna, ecosystems, stressors, and locations featured in the project.

Sample Partner PRODUCT Entry in the Portal

Products can connect back to **Projects**

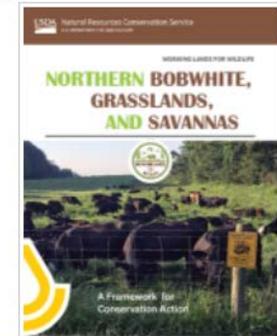
Working Lands for Wildlife: Northern Bobwhite, Grasslands and Savannas Framework for Conservation Action

by Joseph Badash — last modified Apr 08, 2022 04:15 PM — History
Contributors: Bridgett Costanzo

Working Lands for Wildlife: Northern Bobwhite, Grasslands and Savannas Framework for Conservation Action is a 2022 publication by NRCS capturing a long-term, large landscape conservation plan to recover central and eastern grasslands for northern bobwhite and other wildlife species. To support the win-win approach of WLFW, this framework also includes anticipated outcomes for risk management and revenue enhancements for agricultural/forestry operations, as well as measured outcomes for greenhouse gas (GHG) mitigation.

DOWNLOAD FILE:

[Bobwhite_Grasslands_and_Savannas_032222_edit_2_FINAL.pdf](#) — PDF document, 8,341 kB (8,541,825 bytes)



RELATED CONTENT

[Presentation to WLFW Partners on NOBO, Grasslands, and Savannas Framework](#)



CONTENT

Metafields

Metafields on Projects and Products and Spatial Data are customizable and help us connect the partners' work

Title
Application of the Coastal and Marine Ecological Classification Standards (CMECS)

Description
Used in item listings and search results.
This project integrated NOAA and NatureServe's Coastal and Marine Ecological Classification Standard (CMECS) and the Nature Conservancy and NatureServe's Northeast Regional Habitat Classification System (NRHCS) in order to extend the latter system to estuarine and marine environments from Maine to Virginia. State, academic, and non-profit partners collaborated to identify and cross-walk existing state marine classification systems. The project examined the scalability of this classification by conducting pilot mapping projects at three different scales relevant to planning

Short Title
Application of (CMECS) to the Northeast

Project ID (from spreadsheet)
NALCC_2011_06

Abstract
Text Format: HTML
Classifying estuarine and marine habitats was identified as a priority need for a variety of purposes in the Northeast. This project utilized the national Coastal and Marine Ecological Classification Standard (CMECS) version 4.0 to classify estuarine and marine environments in the Northwest Atlantic region (Maine to Virginia). Since CMECS was released just prior to the beginning of this project, and had not been applied to this region previously, the classification effort was informed by the habitat mapping approach that The Nature Conservancy (TNC) developed for the Northwest Atlantic. Several

Start Date
2012 / April / 1

End Date
2013 / December / 31

Product page(s)
Coastal and Adjacent Data Layers from Designing Sustainable Landscapes in the Northeast
Assessing Ecological Integrity of Salt Marshes in the Northeast
Beach and Tidal Habitat Inventories
Chesapeake Bay Brook Trout Assessment
Coastal Resilience Resource List
Connect the Connecticut Landscape Conservation Design

Links to products
Text Format: HTML
Cover letter to final report
CMECS Final Report [Product Page]
Crosswalk Table for CMECS Final Report

Completion Date
December 2013

LCC Funded
 DOI Funded
 Featured Project

Project metafields enable linking to internal and external products



CONTENT

Metafields

Edit Product

Product

Default • Categorization Dates Creators Settings

Title

Coastal and Marine Ecological Classification Standards (CMECS) pilot studies

Description
Used in item listings and search results.

The Coastal and Marine Ecological Classification Standard (CMECS) provides a comprehensive national framework for organizing information about coasts, oceans, and their living systems. But when integrating these data across different scales, is anything lost in translation? This report uses three pilot projects to assess how well the framework functions for classifying estuarine and marine environments at different scales.

Short Title

Products

Final report on The Nature Conservancy's Conservation Gateway page

CMECS crosswalk data on our Conservation Planning Atlas

Technical description

Classifying estuarine and marine habitats was identified as a priority need for a variety of purposes in the Northeast. The

Product metafields are customizable

Partner Products can connect to Projects

NALCC Project

Atlantic and Gulf Coast Resiliency Project
Beach and Tidal Habitat Inventories
Climate Change Vulnerability Index for Northeast species
Coastal Update to the National Wetlands Inventory
Decision Support Framework for Sea-level Rise Impacts
Decision Support Tool to Assess Aquatic Habitats and Threats in North

Application of the Coastal and Marine Ecological Classification Standard

Product Type(s) Foundation Information
Check all that apply

Maps, Spatial Datasets, and Databases

Product Type(s) Assessments and Research Results
Check all that apply

Reports

Model-Based Assessments

Publications and Journal Articles

Product Type(s) Decision Support Tools
Check all that apply

Conservation designs, blueprints, and plans

Interactive tools and models

Conservation Targets
Check all that apply

Coastal and Marine

Terrestrial and non-tidal wetland

Freshwater aquatic

Subterranean

Resource Types
Check all that apply

Amphibians

Birds

Ecosystems

Fish



CONTENT

Metafields

Edit Spatial Data

Spatial Data file

Default | Categorization | Dates | Creators | Settings

Title

Index of Ecological Integrity, Stratified by Ecosystem, Version 3.1, Northeast

Description

Used in item listings and search results.

This dataset depicts the ecological integrity of locations (represented by 30 m grid cells) throughout the northeastern United States based on environmental conditions existing in approximately 2010. Ecological integrity is defined as the ability of an area (e.g., local site or landscape) to sustain important ecological functions over the long term. In particular, the functions include the long-term ability to support biodiversity and the ecosystem processes necessary to sustain biodiversity. The Index of Ecological Integrity (IEI) is expressed on a relative scale (0 to 1) for ecosystems

Data Download URL

In this field, enter the URL where the data download is hosted. Often this will be a URL to the file in a cloud storage location such as Amazon S3. For more information about the cloud hosting provided to accompany this site, search for "cloud hosting" in the site search.

<http://d25ripjvlq5c77.cloudfront.net/>

DataBasin URL

<https://nalcc.databasin.org/datasets/3>

ScienceBase URL

<https://www.sciencebase.gov/catalog/>

Credits

University of Massachusetts

Content Date (Year)

2010

Publication Date (Year)

2016

Spatial Resolution

30 meters

Additional Documentation

Text Format: HTML

This ecological integrity dataset is one of a larger set of results developed by the Designing Sustainable Landscapes project led by Professor Kevin McGarigal of UMass Amherst. More information and detailed documentation for the project is available at: <http://www.umass.edu/landeco/research/dsl/dsl.html>.

Metadata URL

<https://www.sciencebase.gov/catalog/>

Spatial data metafields can be built to include location, versions, type of data, and are customizable

LP Spatial Data has metafields to **connect Projects, Products, People**

Associated Project

Application of the Coastal and Marine Ecological Classification Standards (CMECS) to the Northeast Atlantic and Gulf Coast Resiliency Project

Beach and Tidal Habitat Inventories

Climate Change Vulnerability Index for Northeast species

Coastal Update to the National Wetlands Inventory

Decision Support Framework for Sea-level Rise Impacts

Designing Sustainable Landscapes

Associated Products

Coastal and Adjacent Data Layers from Designing Sustainable Landscapes in the Northeast

Assessing Ecological Integrity of Salt Marshes in the Northeast

Beach and Tidal Habitat Inventories

Chesapeake Bay Brook Trout Assessment

Coastal Resilience Resource List

Coastal and Marine Ecological Classification Standards (CMECS) pilot studies

Index of Ecological Integrity



CONTENT

Partner Use of Collaboration Tools

Submit a Project

Hello. Thank you for contributing to the TRBN Project Database. The conservation community working within the Tennessee River Basin is almost as diverse as the flora and fauna we are working to conserve. With this comes a lot of moving parts and the need to increase our ability to know Who is doing What, Where. By contributing to the TRBN Project Database you will increase our success in conservation action by enhancing our ability to share resources (data sets, imagery, technical reports, lesson plans etc.) and lessons learned, prevent duplicity, leverage financial resources, and build strong partnerships and collaboration. Thanks again for your support and engagement in the Network!

Let's Get Started

Submit a Project or Conservation Activity that you wish to share with the Tennessee River Basin community.

To submit a project, you must first **Register** or be a member of the Web Portal and then log in to the site. Once logged in you can **Edit Your Profile**. Take a moment and **Add your Organization** to the site. To **Add a Project** or activity, click on **Add New** in the green toolbar at the top and then click on **Project**. Fill out all the appropriate fields and click **Save**. Your content will then be placed in a Pending Publication Folder to be reviewed and published. If you are not a member and still wish to share your project or activity contact [Gillian Bee](#) We encourage you to visit our **Project Search**. To hold your search to only **TRB projects**, once you click on **Project Search**, add **TRB** to the left column search Keyword filter.



How to **Register**
and **Add a Project**
or **Activity**



How to **Edit**
Your Profile



Add an
Organization



Submit
a Project



Search
Projects



Submit a
Product



Search
Products



CONTENT

Resources

Resources



Browse By

- **By Title**
A B C D E F G H I J K L M N O P
Q R S T U V W X Y Z Other
- **By Date**
Latest Revisions
- **By Content Type**

Educational and Scientific Resources

- Fact sheets
- Image Gallery
- Landowner Forums
- Map Products
- NRCS Conservation Practices and Materials
- Podcasts
- Science and Research Products
- Scientific Publications
- Videos and Webinars

Topical Subjects

- Climate Impacts
- Conservation
- Deciduous Forests
- Fire
- Land Use
- Landowner Information
- Pine Forests
- Resiliency
- Rivers and Streams
- Soil Health
- Species
- Wetlands
- Working Lands

[Click Here to View Complete Resource Collection](#)

 **Learn more about Resources on the portal**



Podcasts

Users can share podcasts on the portal and access a database of podcasts for others to use.

WFSU FM Florida-Perspectives: Prescribed Burns

The recent and devastating fire near Eastpoint in Franklin County has led to a larger discussion about prescribed burns. Talking about it are: Kevin Hiers and Dr. Kevin Robertson from the Tall Timbers Research Station; and Dr. David Godwin with the Southern Fire Exchange at the University of Florida.

Listen to this podcast online.

<https://news.wfsu.org/show/perspectives/2018-07-05/perspectives-prescribed-burns>

Filed under: [Wildland Fire](#) [Prescribed Burning](#) [Podcast](#) [Florida](#)

Wildland Fire podcasts are shared in the **Landscape Partnership** for users to access and use

On The Wing Podcast Claim L5 48 - TOP 1%

PODCAST EP. 119: Bobwhite Quail Habitat Through Southeastern Grasslands Initiative

May 26, 2021

01:24:19 Podcasts RSS Link

EPISODE COMMUNITY EMBED EDIT

ABOUT THIS EPISODE

Our story starts on a school bus in Tennessee with two childhood friends and ends with a vision for healthy quail habitat spanning from southern Pennsylvania all the way to central Texas. Host Bob St.Pierre is joined for this episode by Dr. Dwayne Estes, known as the "Prairie Preacher," Quail Forever biologist Brittney Viers, and new QF Program Manager Andy Edwards for a conversation about Quail Forever's partnership with the Southeastern Grasslands Initiative and how

Podcasts can be embedded in the portal, like [this podcast](#) on Bobwhite Quail Conservation

Common Ground Podcast
Southern SARE
2022

Welcome to Common Ground from the University of Georgia's Southern Sustainable Agriculture Research and Education program. Sustainable agriculture stories from the Southern USA, introducing farmers, ranchers, and those who support them as well as innovative practices from around the Southern United States, Puerto Rico and the Virgin Islands. Listen in as they tell their stories and share testimonies of the common challenges and solutions for anyone willing to learn. We highlight our Monthly Newsletter, Outreach Efforts, Success Stories, Upcoming Grants, How-To's & more!

Podcast player interface showing episode details and controls.

Podcasts can be shared and archived publicly, like [this series](#) on sustainable ag stories from the University of Georgia



CONTENT

Print-Ready Materials

CONTENT

AFTER WILDFIRE
A GUIDE FOR NEW MEXICO COMMUNITIES

Search Site Search Log in
only in current section

Immediate Safety Mobilizing Your Community Who Can Help? Post-Fire Treatments Financial Tips Flood Information Additional Resources

Quick Links
▶ Post Fire Treatments
Introduction
Treatment Descriptions
Index of Treatments
Treatment Comparisons Table
Useful Definitions
References

Home / Post Fire Treatments

Post-Fire Treatments

Filed under: Post-Fire Treatments

The danger isn't over once a wildfire has passed. Flooding and erosion caused by uncontrolled runoff from denuded slopes, for example, can severely impact downstream lands and structures. Because of these secondary fire effects, post-fire treatments are a critical part of a wildfire response plan.

This section will introduce different types of post-fire treatments that can be used on hillslopes, in channels, and along roads and trails. For each treatment the entry describes what it is, why and where it's used, and its effectiveness as reported in the scientific literature.

- **Before considering treatments**, ask what are the priority values at risk in my community? Be wary of a 'solution in search of a problem'. Focus on the identified priority values.
- Click here for a table of **treatment comparisons** to compare your goal with effective methods.
- See the **'Who Can Help'** section for potential sources of technical and financial assistance for post-fire treatments.

PRINT SECTION PRINT PAGE



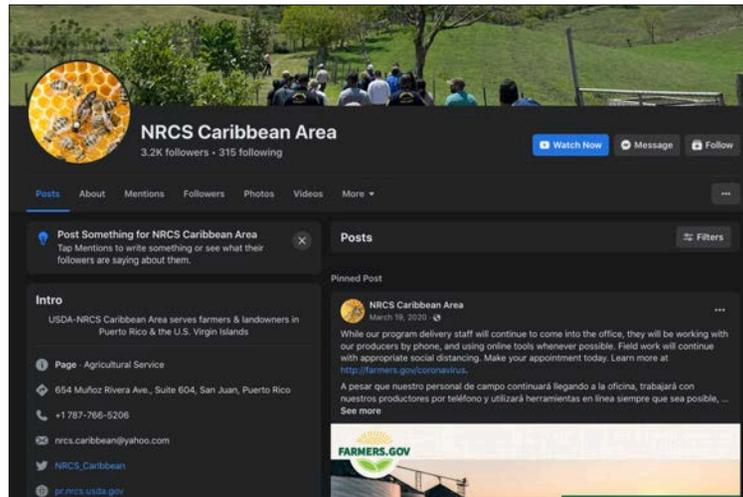
VISIT SITE:

<https://afterwildfirenm.org/>

CONTENT



Channel Content through Social Media



Facebook



Twitter



Users can also embed social media links on pages





MAPS AND DATA

Databases, Maps, and other Data



Batch Functionality

Large Data Animation

Interactive Maps

Decision Support Tools & Models

Apps

Short Story Maps & Narratives

MAPS AND DATA



On the Landscape Partnership, users can find maps and data to support landscape-scale conservation planning and design. Resources include maps that illustrate key landscapes, data layers to add to decision support tools, and spatial resources that show the quality and quantity of habitats. Users are welcome to use any and all of these resources in their own conservation and working lands efforts.



Landscape Partnership Spatial Datasets

Discover datasets produced by Landscape Partnership members and partners

[READ MORE...](#)



Rangeland Analysis Platform

The Rangeland Analysis Platform (RAP) is an interactive web application designed to assist in managing and monitoring America's valuable rangelands. This free tool was developed for landowners, managers, and conservationists to quickly and easily access information that can guide land use decisions.

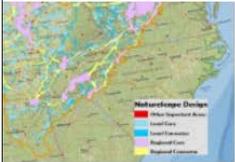
[READ MORE...](#)



South Atlantic LCC Conservation Blueprint

The South Atlantic Conservation Blueprint is a living spatial plan to conserve natural and cultural resources for future generations. It identifies shared conservation priorities across the South Atlantic region.

[READ MORE...](#)



Appalachian Naturescape

Well-connected landscapes are necessary to sustain many of the natural and cultural resources important to the Appalachian region. Appalachian NatureScape is a dynamic conservation planning resource that brings together data and perspectives of experts and committed stakeholders.

[READ MORE...](#)



GIS & Conservation Planning Toolkit

The GIS & Conservation Planning Toolkit was designed by the Landscape Conservation Cooperatives to help walk resources managers through integrating GIS data and planning into day-to-day operations. We still house this toolkit

 **Learn more about [Maps and Data](#) on the portal**

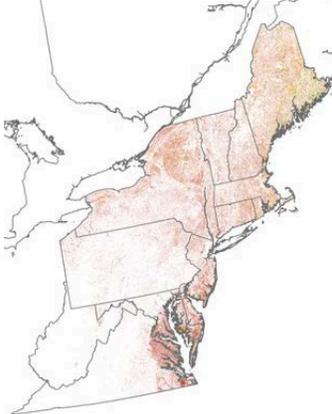
Links

- [Data Download](#)
- [DataBasin](#)
- [ScienceBase Record](#)
- [Metadata XML](#)

Associated Products ■ Landscape Capability

Data Info

Content Date	2010
Publication Date	2016
Data Type	Raster
Resolution	30 meter
Status	Complete
Creator Organization	University of Massachusetts





MAPS AND DATA

Batch downloading functionality

Spatial data in the Landscape Partnership are enabled with batch functionality and can be downloaded together to improve and ease your project work.

Wildland Fire Spatial Data

Forest Change, Loss 2000-2012, Northeast

This dataset represents forest loss during the period 2000-2012, defined as a stand-replacement disturbance, or a change from a forest to non-forest state, entirely within the study period, for the Northeast region including Canada. Data was encoded as either 1 (loss) or 0 (no loss). The Northeast data from the Global Forest Change dataset was acquired as 10x10 degree tiles, consisting of seven files per tile. All files contained unsigned 8-bit values and have a spatial resolution of 1 arc-second per pixel, or approximately 30 meters per pixel at the equator. The data was then mosaicked and clipped to the Northeast region including the North Atlantic LCC boundary in Canada. The data are results from a time-series analysis of 654,178 Landsat 7 ETM+ images in characterizing global forest extent and change from 2000 through 2012. For additional information about these results, please see the associated journal article (Hansen et al., Science 2013).

[READ MORE...](#)

ADD TO BATCH DOWNLOAD

Forest Change Gain, 2000-2012, Northeast

This dataset represents forest gain during the period 2000-2012, defined as the inverse of loss, or a non-forest to forest change, entirely within the study period, for the Northeast region including Canada. Data was encoded as either 1 (gain) or 0 (no gain). The Northeast data from the Global Forest Change dataset was acquired as 10x10 degree tiles, consisting of seven files per tile. All files contained unsigned 8-bit values and have a spatial resolution of 1 arc-second per pixel, or approximately 30 meters per pixel at the equator. The data was then mosaicked and clipped to the Northeast region including the North Atlantic LCC boundary in Canada. The data are results from a time-series analysis of 654,178 Landsat 7 ETM+ images in characterizing global forest extent and change from 2000 through 2012. For additional information about these results, please see the associated journal article (Hansen et al., Science 2013).

ADD TO BATCH DOWNLOAD

Spatial Data Batch Download

Forest Above-ground Biomass, 2012, Northeast
[Download dataset](#)

Forest Change Gain, 2000-2012, Northeast
[Download dataset](#)

Forest Change, Loss 2000-2012, Northeast
[Download dataset](#)



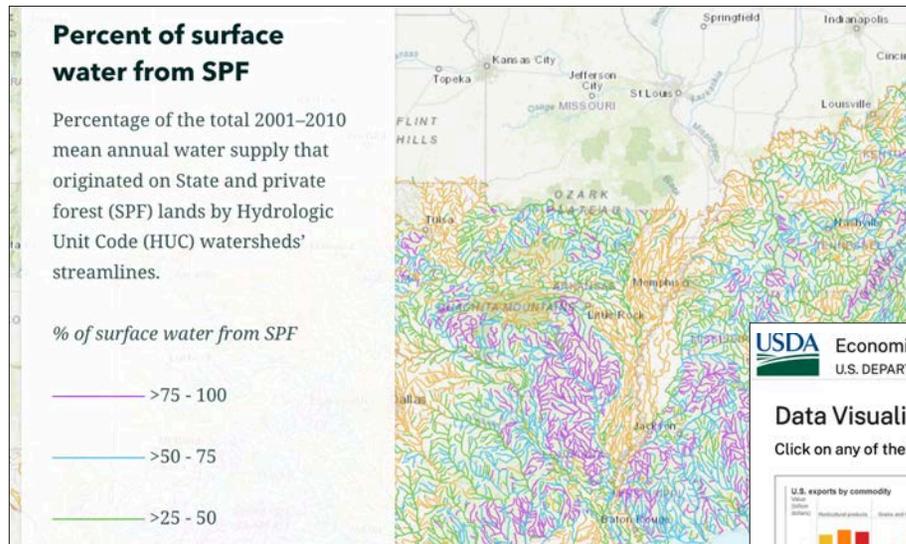
Learn more about [Maps & Data](#) and batch download



MAPS AND DATA

Large Data Animation

Users can embed animation large datasets into Landscape Partnership workplaces to help explain their conservation, planning, and design efforts. Illustrative examples of what large data animation can look like are shared below.



Source: [USFWS](https://www.usfws.gov)

Source: [USFWS](https://www.usfws.gov)



MAPS AND DATA

Interactive Maps, Where We Work and Projects

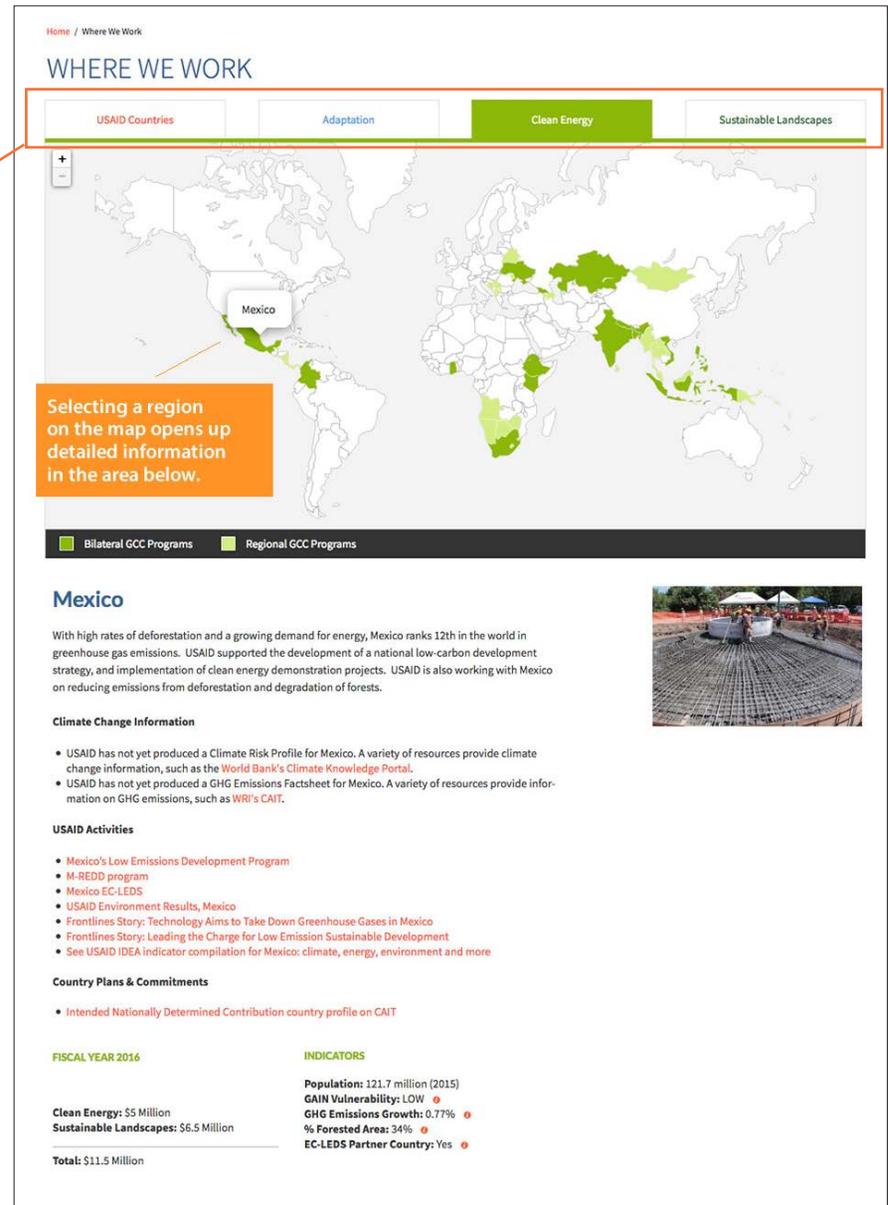
Interactive maps can be customized by Ferguson Lynch based on any filter.

Top tabs could be filters such as: Projects, products, spatial data, people, expertise or conservation types.

All content types on the existing portal have built in geo-referencing or geo-location fields.

Selecting a region on the map would open up detailed information about that region.

 Learn more about [Maps and Data](#) on the portal



Home / Where We Work

WHERE WE WORK

USAID Countries Adaptation **Clean Energy** Sustainable Landscapes

Selecting a region on the map opens up detailed information in the area below.

Legend: Bilateral GCC Programs, Regional GCC Programs

Mexico

With high rates of deforestation and a growing demand for energy, Mexico ranks 12th in the world in greenhouse gas emissions. USAID supported the development of a national low-carbon development strategy, and implementation of clean energy demonstration projects. USAID is also working with Mexico on reducing emissions from deforestation and degradation of forests.

Climate Change Information

- USAID has not yet produced a Climate Risk Profile for Mexico. A variety of resources provide climate change information, such as the [World Bank's Climate Knowledge Portal](#).
- USAID has not yet produced a GHG Emissions Factsheet for Mexico. A variety of resources provide information on GHG emissions, such as [WRI's CAIT](#).

USAID Activities

- Mexico's Low Emissions Development Program
- M-REDD program
- Mexico EC-LEDS
- USAID Environment Results, Mexico
- Frontlines Story: Technology Aims to Take Down Greenhouse Gases in Mexico
- Frontlines Story: Leading the Charge for Low Emission Sustainable Development
- See USAID IDEA indicator compilation for Mexico: climate, energy, environment and more

Country Plans & Commitments

- Intended Nationally Determined Contribution country profile on CAIT

FISCAL YEAR 2016	INDICATORS
Clean Energy: \$5 Million	Populations: 121.7 million (2015)
Sustainable Landscapes: \$6.5 Million	GAIN Vulnerability: LOW ●
Total: \$11.5 Million	GHG Emissions Growth: 0.77% ●
	% Forested Area: 34% ●
	EC-LEDS Partner Country: Yes ●



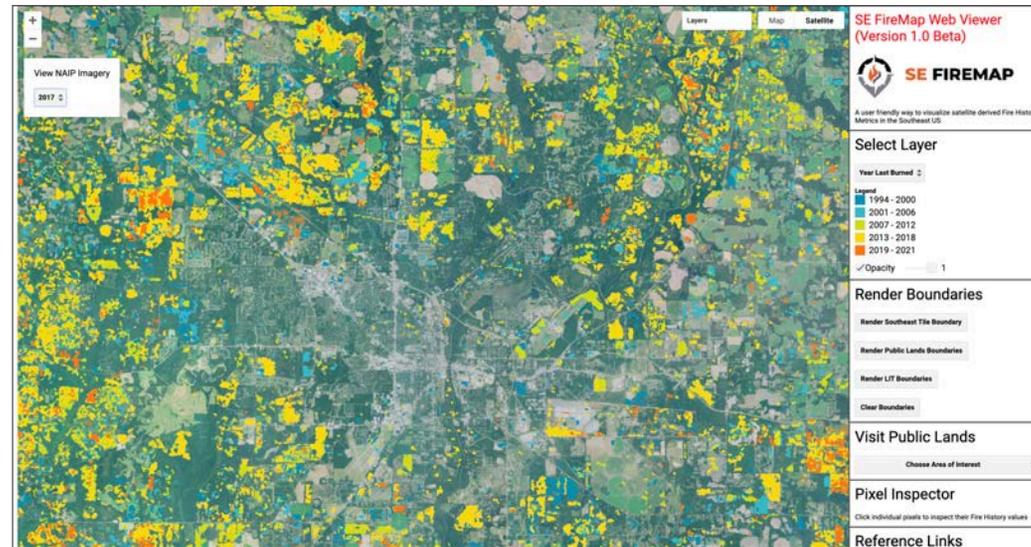
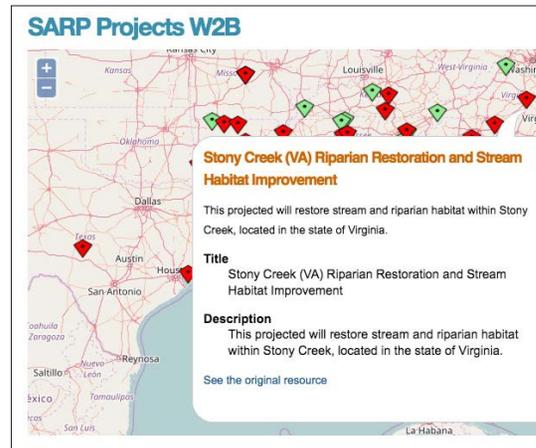
MAPS AND DATA

Examples of Interactive Maps

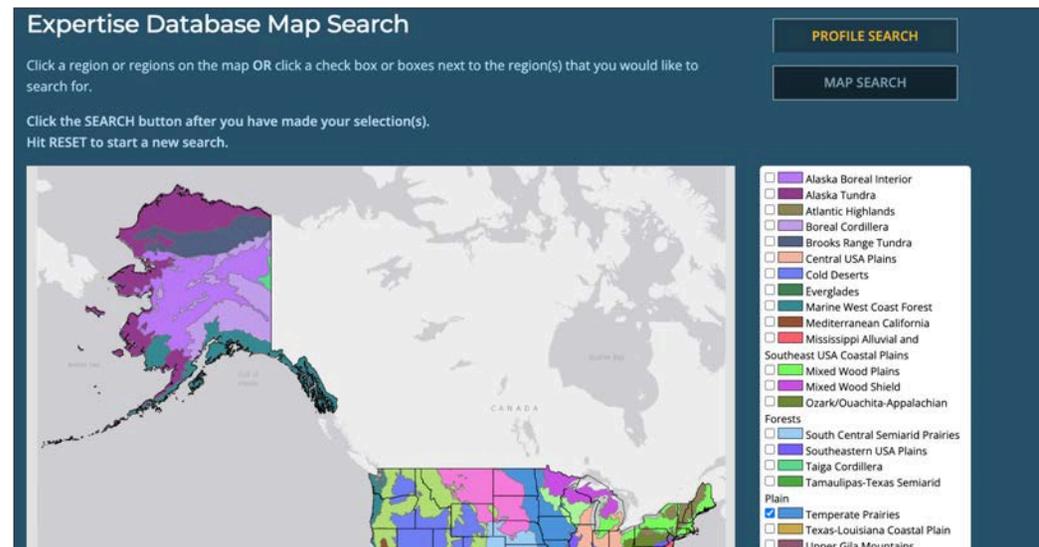
Any content can be added to a map application on the Landscape Partnership. In the Portal all content by default has geo-referencing capabilities. Google map integration works with any location field input added when uploading content.

PARTNER PROJECTS ON A MAP

<http://easternbrooktrout.org/groups/whitewater-to-bluewater/funded-projects/sarp-projects-w2b>



The Southeast FireMap is an example of an interactive map shared on the portal.



The Landscape Partnership itself includes an interactive Expertise Map that shows where users work in different ecosystems. Learn more [here](#).



MAPS AND DATA

Southeast FireMap



Learn more about the Southeast FireMap



SE FIREMAP

The screenshot shows the SE FIREMAP web interface. At the top, there's a search bar and navigation links: HOME, ABOUT, SE FIREMAP VERSION 1.0 (BETA), and RESOURCE LIBRARY. The main map area displays a satellite-style map with overlaid fire data in various colors (blue, green, yellow, orange, red). To the right of the map is a 'Select Layer' panel with a legend for 'Year Last Burned' (1994-2000, 2001-2006, 2007-2012, 2013-2018, 2019-2021) and an opacity slider. Below that is a 'Render Boundaries' panel with buttons for 'Render Southeast Tile Boundary', 'Render Public Lands Boundaries', 'Render LIT Boundaries', and 'Clear Boundaries'. At the bottom right of the panel is a 'Visit Public Lands' section with a 'Choose Area of Interest' button.

Accurately tracking and understanding wildland fire patterns across the Southeastern U.S. is a critical need identified by a consortium of conservation partners. The SE FireMap is a new product developed in 2020-21 to meet these needs, and funded by the USDA Natural Resources Conservation Service's Working Lands for Wildlife program under an agreement with the U.S. Endowment for Forestry and Communities.

[LEARN MORE](#)

The screenshot shows the 'SE FIREMAP VERSION 1.0 (BETA) WEB MAP VIEWER' interface. It features a dark blue header with the text 'Explore the data online!' and a description: 'This product maps all detectable fires, including managed prescribed burns and wildfires, across nine states in the southeastern United States. (Please note that the viewer is not currently compatible with mobile devices)'. There is a 'GET STARTED' button at the bottom right. The background of the viewer shows a map of the Southeastern U.S. with fire data overlays.

The Southeast FireMap is a tool to help practitioners track and understand wildland fire patterns across the Southeastern U.S.

It is a free and public tool available on the Landscape Partnership. It was funded by the USDA NRCS Working Lands for Wildlife program under an agreement with the U.S. Endowment for Forestry and Communities.



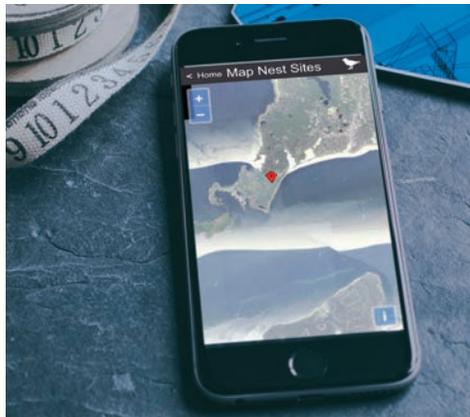
MAPS AND DATA

Mobile Apps

iPlover App

Designed by scientists to simplify consistent data collection and management, the iPlover smartphone application gives trained resource managers an easy-to-use platform where they can collect and share data about coastal habitat utilization across a diverse community of field technicians, scientists, and managers.

With a simple click, users can contribute biological and geomorphological data to regional models designed to forecast the habitat outlook for piping plover and other species that depend on sandy beach habitats.



iPlover smartphone application

Designed by scientists to simplify consistent data collection and management, the iPlover smartphone application gives trained resource managers an easy-to-use platform where they can collect and share data about coastal habitat utilization across a diverse community of field technicians, scientists, and managers. With the click of a button, users can contribute biological and geomorphological data to regional models designed to forecast the habitat outlook for piping plover, and other species that depend upon sandy beach habitat.

Go to the Product(s)

iPlover app is available for iPhones and Androids on the [USGS Mobile Application Directory](#). The app is free, but users must ask for and receive an approved login to use it. Training is required for using the iPlover app, please contact (iPlover_help@usgs.gov) if you are interested in joining the program. In 2015, the iPlover app was used at 7 national wildlife refuges, 4 national parks and at several other state or privately managed reserves.

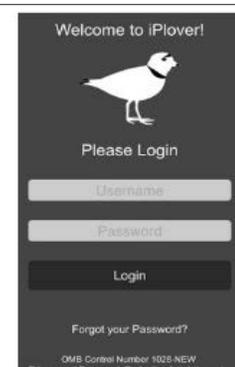
Additional Resources

"[Smartphone-Based Distributed Data Collection Enables Rapid Assessment of Shorebird Habitat Suitability](#)" - Paper published in the open-access peer-reviewed scientific journal PLOS ONE on November 9, 2016

"[Refugia from a rising tide](#)" - Webinar led by US Geological Survey researcher Sara Zeigler on the preliminary steps in modeling the effects of sea-level rise on shorebird habitat with iPlover data.

Technical description

The objective of this project is to develop linked models forecasting shoreline change, barrier island geomorphology, and habitat for beach habitat-dependent species to guide beach and species habitat management decisions. Shorebird monitoring staff rapidly collected standardized geomorphic setting, substrate type and vegetation data at random and plover nest sites over the majority of its Atlantic coastal breeding range. These data were used to train the model for plover and other bird nesting habitat suitability, and, using a Bayesian model network approach, were linked to geomorphology and shoreline change models for locations that vary in their geologic context.



PROJECT PAGE:
[Increasing Resiliency of Beach Habitats and Species](#)
[Piping Plovers and Sea-level Rise](#)
[iPlover: Piping plover habitat suitability in a changing climate](#)

Product Type(s):	Decision Support Tools Interactive tools and models
Resource Type:	Birds
Conservation Targets:	Coastal and Marine
Conservation Framework:	Assumption-based Research
Threats/Stressors:	Climate change impacts, Sea-level rise and storm impacts
Conservation Action:	Site/area management, Species management



MAPS AND DATA

Apps

Literature Gateway

 [Learn more about the Literature Gateway](#)

The Literature Gateway is a systematic map and literature resource on bird-vegetation relationships in Eastern and Boreal forests of North America.

The app compiles and synthesizes research from >60 sources spanning the last 50+ years. It can help users understand how changes in forest management practices might affect forest vegetation, and subsequently, populations of different bird species at regional scales.

Resources in the Literature Gateway can be filtered by different species, forest types, and management topics. The tool aims to help inform decisions on natural resource management or ecosystem restoration.

The Literature Gateway:
A Systematic Map of Bird-Vegetation Relationships in Eastern and Boreal Forests

Search Site only in current section

Bird Species

Ovenbird	400
Red-eyed Vireo	350
Scarlet Tanager	300
Wood Thrush	250
Black-and-white Warbler	200
Chestnut-sided Warbler	150
American Redstart	100
Black-throated Green Warbler	100
American Robin	100
Blue Jay	100
Veery	100
Black-capped Chickadee	100
Rose-breasted Grosbeak	100
Eastern Wood-Pewee	100
Indigo Bunting	100
Eastern Towhee	100
Common Yellowthroat	100
Hairy Woodpecker	100
Blue-headed Vireo	100
White-breasted Nuthatch	100
Black-throated Blue Warbler	100
Downy Woodpecker	100

Bird Metric Type

Abundance / Occurrence	400
Reproductive Performance	200
Resource Use / Selection	100

Vegetation Metric Type

Habitat Elements	100
Landscape Metric	100
Vegetation Composition	100
Vegetation Structure	100

Sampling Scale

Landscape	100
Stand	100
Within-stand or plot	100

Search Terms (type to filter):

Or Click Term on Word Cloud:

Search Results

Map showing bird-vegetation relationships in Eastern and Boreal Forests of North America.



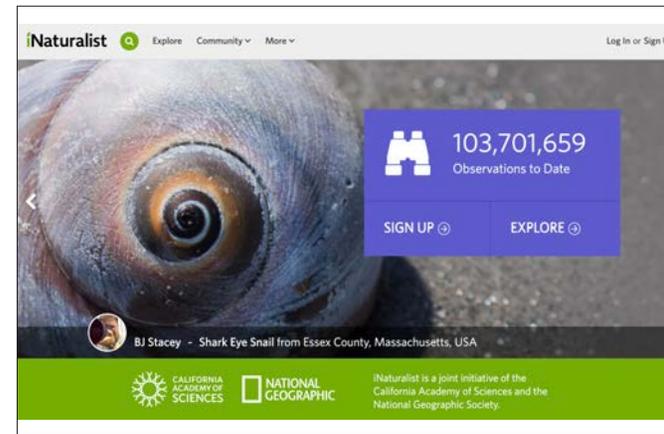
MAPS AND DATA

Other apps

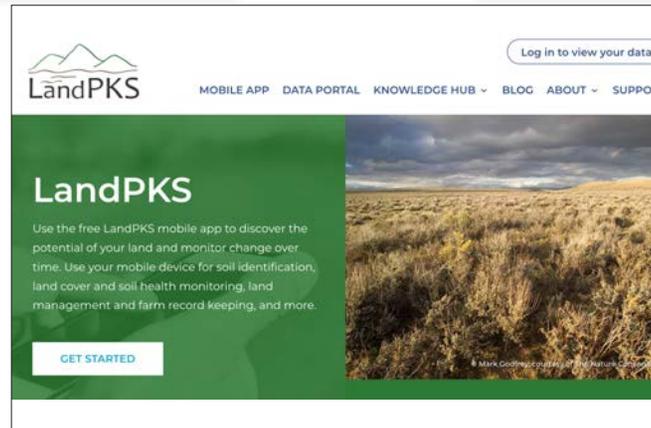
External desktop and mobile apps can be embedded in Landscape Partnership workspaces. Below are examples of popular landscape and conservation apps used by practitioners that could be embedded.



[Nature's Notebook](#) is a citizen science app to help track seasonal changes in ecosystems



[iNaturalist](#) is a tool for the public and biologists to learn and share about biodiversity as well as a social network for interested users



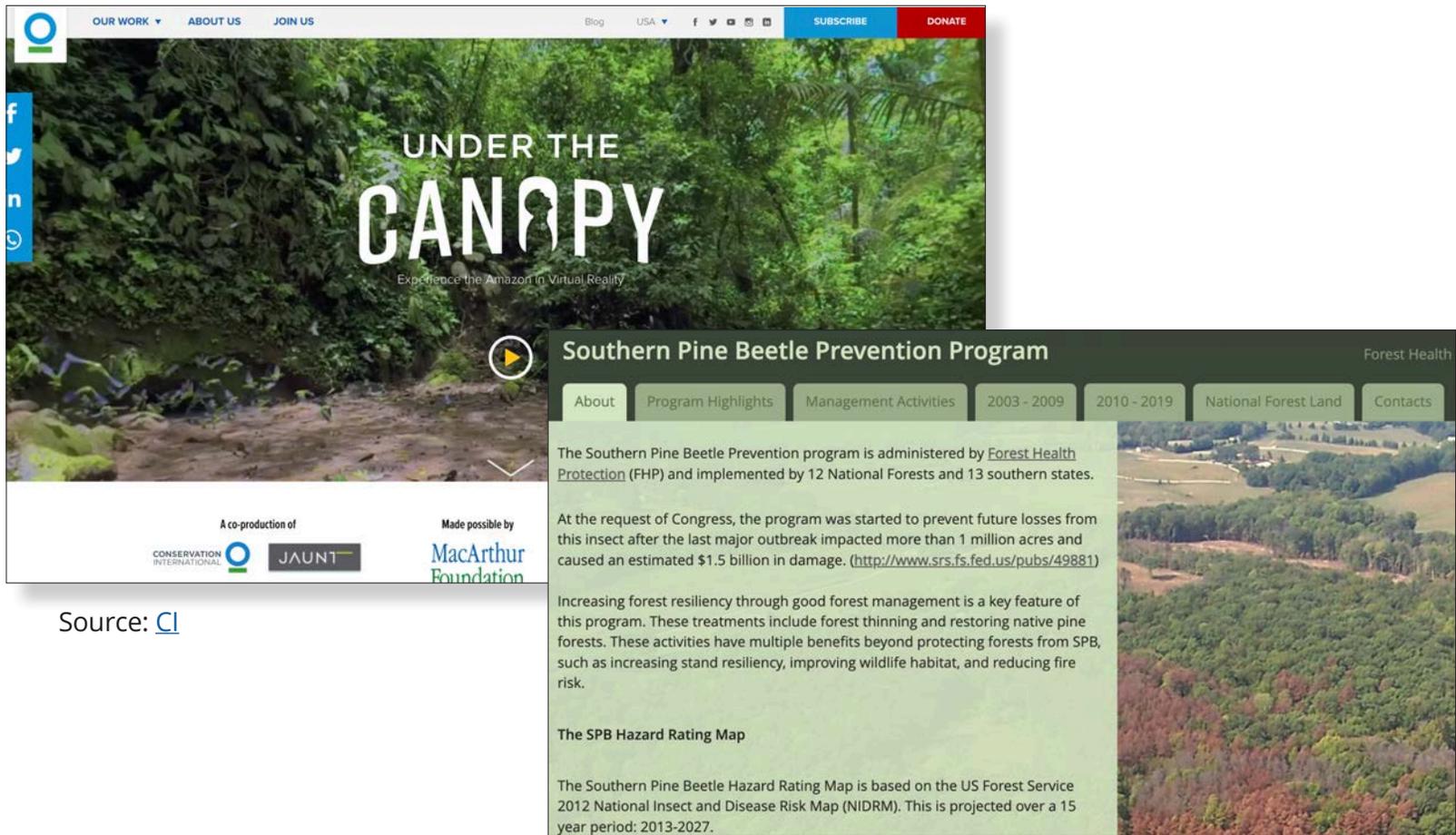
[LandPKS](#) is a public tool designed for ag users and others to track climate impacts and measure soil health in working lands



MAPS AND DATA

StoryMaps and Web-based Narratives

Embed ArcGIS StoryMaps and other visual narratives in Landscape Partnership workspaces to highlight user work and partner efforts



Source: [CI](#)

Source: [USFS](#)



COMPANION SITES

Partner Issues Subsites



- Nature and Society*
- Climate Impacts*
- Energy Systems*
- Ecosystem Services*
- At-Risk Species*
- Wildland Fire*



Nature and Society

<https://www.landscapepartnership.org/plan-design/nature-and-society>



Climate Context

<https://www.landscapepartnership.org/plan-design/climate-context/>

COMPANION SITES

Example Subsites

Energy, climate change, ecosystem services, and how society values these services - such as clean drinking water, outdoor recreation, and biological conservation - are key issues influencing the landscape.

These issues and drivers of change are essential to understand and plan for in the management and protection of both natural and cultural resources in order to create a more sustainable landscape for wildlife and human communities.



Ecosystem Services

<https://www.landscapepartnership.org/ecosystem-risks-benefits>



COMPANION SITES

At-Risk Species

Working Lands for Wildlife (WLFW) uses a win-win approach to systematically target conservation efforts to improve agricultural and forest productivity while enhancing at-risk species habitat on working landscapes.

The WLFW Workspaces on the Landscape Partnership enable interaction between NRCS's WLFW partners and others interested in conserving whole landscapes and empowering rural economies.

The content here augments those WLFW resources available for on USDA's website, and allows any registered user to access to a wide variety of conservation resources, online training, planning and decision-support tools, as well as access to experts, NRCS field staff, and landowners.



William Hopkins, professor of wildlife in the College of Natural Resources and Environment, with an eastern hellbender

Visit the [Eastern Hellbender WLFW Workspace](#)

 **Learn about at-risk species on the [WLFW workspaces](#)**



COMPANION SITES

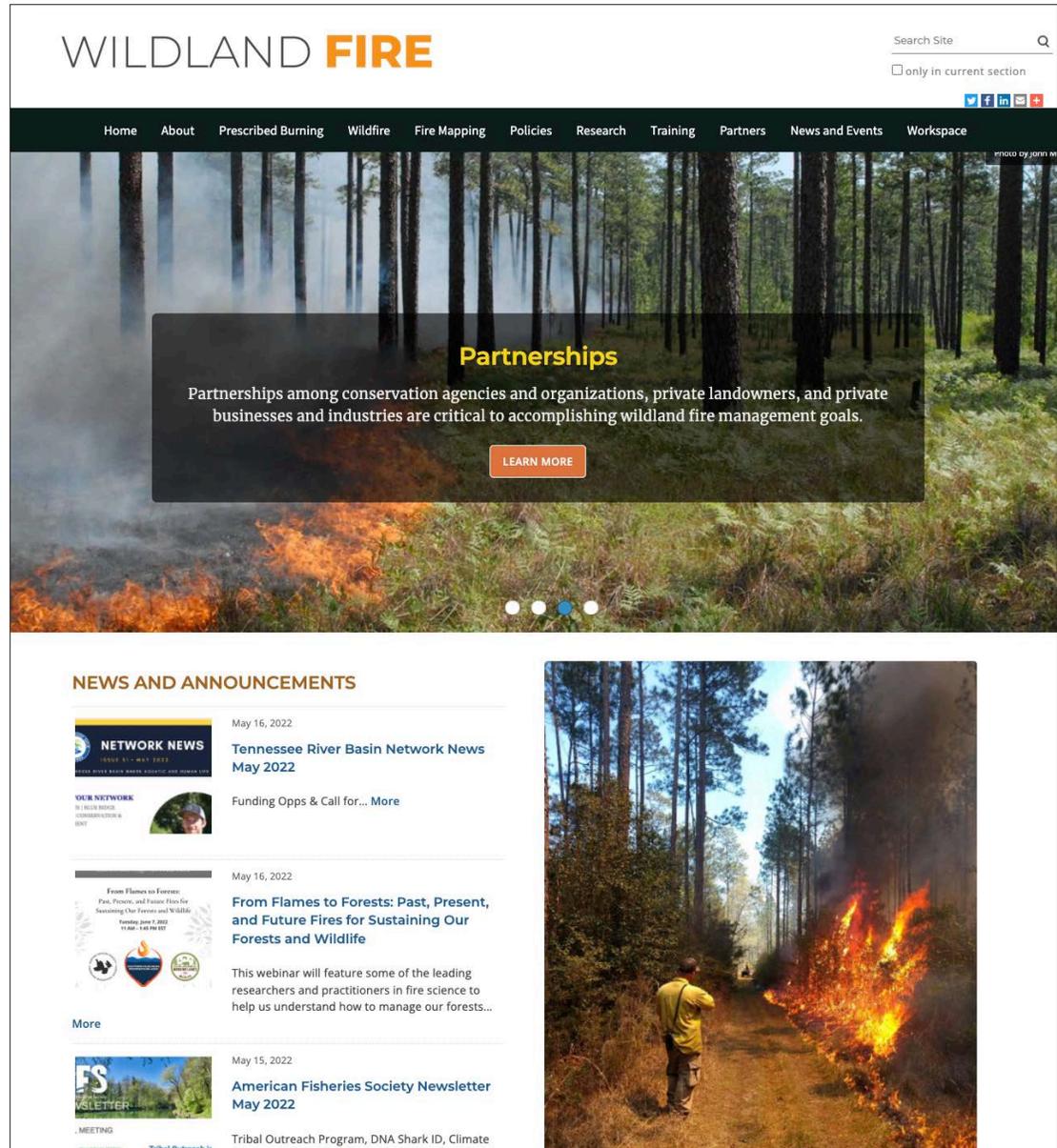
Wildland Fire

The Wildland Fire site within the Landscape Partnership serves as a clearinghouse for fire resources to support technical experts.

This site links individuals, from fire experts, to public officials, landowners and communities, with diverse groups and resources on wildland fire.

Our purpose is to increase connectivity and information sharing within the larger fire community and between fire experts and other users on the portal.

Fire resources include training resources, data and maps, materials to aid prescribed burning, and avenues to find potential partners.



Communication Strategies

- Match stories and desired outcomes with appropriate audiences based on their needs
- Identify and share testimonials and success stories
- Develop multimedia communication for your audiences with data illustration, graphic maps, and podcasts
- Recast messages on climate to focus on economic and community benefits, and align with partners who also communicate about these issues





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