

FLN Networker No. 338: August 31, 2022

The FLN Networker is a publication of the Fire Learning Network—a partnership of the USDA Forest Service, agencies of the Department of the Interior and The Nature Conservancy—intended to foster communication within the network and among its friends. Submit comments, information to share, and subscription requests to Liz Rank.

For more about the FLN, visit www.conservationgateway.org/fln.

News from the Field

North Carolina: Congratulations to **Adam Warwick** (awarwick@tnc.org), who was named **Prescribed Burner of the Year** by the **North Carolina Prescribed Fire Council** at its [annual meeting](#) this month. Adam recently passed the co-leadership of the Southern Blue Ridge FLN on to **Carmella Stirrat** (carmella.stirrat@tnc.org), but (from the nomination for the award) “a year ago, Adam stepped into the breach left by **Margit Bucher**’s retirement—helping to co-lead the **Southern Blue Ridge Fire Learning Network**, which seeks to return fire to the forest across the region. This is vital work, but it isn’t easy. That didn’t stop Adam from stepping up to the plate, because for him **returning fire to the forest is a labor of love.**” Adam is also the force behind the successful **on-call crew model** being used to increase prescribed burning in the SBR FLN.

National: The **annual report** for the Fire Networks—highlighting the past year’s work of the **FLN, FAC Net, IPBN** and **TREX**—was submitted earlier this month. **Many thanks** to all the members, partners and staff who contributed to this body of work! The [report](#) was highlighted in a recent FAC Net [blog post](#). For a full-resolution or print-formatted version, contact Liz Rank (lrank@tnc.org).

Input Requested: Southeastern U.S. Burning / LANDFIRE

Southeastern U.S. Burning: **Megan Johnson**, a graduate student at **North Carolina State University** is “**investigating burners’ needs, options and concerns** if faced with a reduction in opportunities to conduct burns under acceptable weather conditions.” Those who **use or oversee the use of prescribed fire** in the Southeast are invited to complete a brief (7-10 minute) [survey](#), which will be open until **September 16**.

LANDFIRE: The **LANDFIRE** team has put out a call for **disturbance and treatment data for FY22** (October 2021-September 2022). See the LANDFIRE [Reference Data page](#) for details—but note that the deadline is **October 31**, and disturbance data now needs to include the disturbance date (or fiscal year) as an attribute.

Resources: CWDG / PODs & CWPPs / Forest Inventory / Weeds / Wildland Fire Modules / USFS Email / FAC Pathways

CWDG: If you are considering applying for a **Community Wildfire Defense Grant**, see the recent **FAC Net** [blog post](#) “**CWDG Primer.**” The post is intended to help communities navigate this new program and will be updated if new information becomes available.

PODs & CWPPs: **Mike Caggiano** (michael.caggiano@colostate.edu) and **Daniel Beveridge** have released a [new fact sheet](#), “**Integrating** Potential Operational Delineations (PODs) into Community Wildfire Protections Plans: **Guidance for Community Planners.**”

Forest Inventory: The **Forest Service Inventory & Analysis program**, annually updates forest resource inventories, has an [interactive map](#) that lets you find **fact sheets** of the latest state data.

Weeds: The **Northwest Fire Science Consortium** and **Great Basin Fire Science Consortium** have produced the [infographic](#) “**Weeds, Fire Risk & Resilient Forest Landscapes.**” The graphic doesn’t cover all relevant issues, but is intended to **facilitate discussion** around the types of information and delivery that are needed going forward. Questions, comments and suggestions can be sent to **Becky Kerns** (becky.kerns@usda.gov).

Wildland Fire Modules: The **NWCG Guide for Wildland Fire Modules** ([PMS 431](#)) was updated this month. It is intended as a **supplement** to the IRPG ([PMS 461](#)) and Standards ([PMS 430](#)).

Biochar: The [U.S. Biochar Initiative](#) sponsors the **Biochar in the Woods network**. [Join](#) the Biochar in the Woods **discussion group** and get links to a monthly online meet-up to exchange information and techniques for using kilns and burn piles to make biochar from hazardous fuels. For more, contact **Kelpie Wilson** (kelpiew@gmail.com).

USFS Email: In 2018 the **Forest Service changed employee email addresses** from @fs.fed.us to @usda.gov (sometimes changing the name part as well). As of a couple weeks ago, they are **no longer forwarding** emails sent to the old addresses. If your address book is out of date, you can look up new emails at <https://www.fs.usda.gov/about-agency/contact-us/employee-search>. Forest Service fs.fed.us **websites also shifted** to fs.usda.gov.

FAC: See also the Webinars section for an introduction to the **Fire Adapted Communities Pathway Tool** from FAC Net.

Articles & Reports: Facts & Fallacies / Goats / Vegetation Type Conversion / Smoke & Photosynthesis

Facts & Fallacies: The **Ecological Restoration Institute** has published a [two-page fact sheet](#), “**Restoration and Adaptation** of Fire-Prone Forest Landscapes Provide Ecological, Cultural, and Social Benefits: **Facts, Myths, and Fallacies.**”

Goats: The **Forest Service** has released a [brief](#) “Smoke, Goats, and Oaks: Effects of **Goat Browsing and Prescribed Fire** on Woodland Structure and Floristic Composition in **Ozark Hardwoods**” from the 2022 National Silviculture Workshop.

Type Conversion: The [article](#) “Vegetation Type Conversion in the **U.S. Southwest: Frontline Observations and Management Responses**” is based on **two workshops** where participants provided **11 descriptive case studies and 61 examples** of VTC from their own field observations.

Smoke & Photosynthesis: The authors of the [article](#) “**Enhanced Photosynthesis and Transpiration** in an Old Growth Forest **Due To Wildfire Smoke**” document a counterintuitive result and suggest a possible mechanism—as well as larger scale studies.

In the News: USFS Pause / California Fires / Dry Lightning

USFS Pause: **Chief Randy Moore** posted an [update on the agency’s prescribed fire pause](#) on August 16. In it, he says to expect decisions and a final report in “**early September.**”

California Fires: **Lenya Quinn-Davidson** got the **last word**—for proactive action—in the *Washington Post* [article](#) “California’s Timber Industry Is Calling on the Military to Help Control Fires.”

Dry Lightning: Another *Washington Post* [article](#), “A Surprising Amount of Dry Lightning Hits **California**, Fueling Fire Risk,” discusses a **recent study** spurred by the **August 2020 fires.**

Jobs

Director: The **Rural Voices for Conservation Coalition** is seeking a coalition director. Details are on the [RVCC website](#); application review will begin **September 6**.

DNR: The **Karuk Tribe Department of Natural Resources** is seeking an **administrative support assistant** ([details](#)) and a **fire program grants manager** ([details](#)). Applications are due **September 6**.

Training Specialist: Fire Adapted Colorado is seeking a training specialist to lead learning for wildfire mitigation specialists and other industry professionals. This will include coordinating and **providing practitioner training**, supporting ongoing **learning exchanges** for FACO members, and giving **wildfire resilience presentations** and training to various industry groups. Details are on the [FACO website](#); application review will begin **September 12**.

Seasonal Crews: The **U.S. Fish and Wildlife Service** is hiring **wildland firefighters**; 10 GS-04/05 positions in **four locations in the Carolinas** are being filled to support prescribed burning. Details are on [usajobs.gov](#) ([control number 672909900](#)); applications are due by **September 13**.

Women's Partner-Enabled Fire Module: USFS R8 Fire and Aviation Management is seeking a **handcrew supervisor** and **assistant supervisor** to provide for the mentoring, training and development of Student Conservation Association interns and other 21st Century Conservation Service Corps partners in prescribed fire/fuels and suppression activities. See the [announcement email](#) for details; outreach responses are due by **September 16**.

Fire Forester: The **Pennsylvania Bureau of Forestry** is hiring a **fire forester** for the Clear Creek Forest District. See the [announcement](#) for details; applications are due by **September 18**.

Post-Fire: The **Washington Department of Natural Resources** is seeking a **post-fire recovery program manager** who will be highly collaborative and ready to connect into the Washington State Fire Adapted Communities Learning Network (**WAFAC**) and at the community level. Details are on [governmentjobs.com](#) ([2022-8-A190-12051](#)); applications are due by **September 18**.

Fire Crews: The **Nature Conservancy** is hiring **North Carolina Coastal Plain burn crew members** and **burn crew managers**. They will run **three crews** this winter season: January-March, January-April and January-June. Housing is provided. Details are on the Conservancy's careers page (crew members, [Job ID 52001](#); crew managers, [Job ID 52003](#)). Applications are due by **September 20**. Current employees should apply through PeopleSoft ([52001](#), [52003](#)).

The chapter is **also seeking crew members and managers** for crews in the **sandhills** and elsewhere; see job IDs 52058-52062 on the [careers page](#).

Social Science: The **Ecosystem Workforce Program** at the **University of Oregon** is hiring a **social science researcher** to work on a variety of applied natural resources-related projects, including forest management, wildfire and air quality/smoke. See the attached flyer for details.

Webinars

August 31
new listing

New Research Towards Improving the Wildland Fire Shelter

10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern

Roger Barker and Joe Roise will be the presenters on this Southern Fire Exchange webinar.

Register: https://ufl.zoom.us/webinar/register/WN_uQRCFhrRSo2y8YPydd_CvQ

- August 31** **LANDFIRE: Informal Office Hours**
 10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern
 Office hours are held the last Wednesday of each month. Register:
<https://tnc.zoom.us/meeting/register/tJlocumupzMpEtN63X--Or1r6CJej683Bp5E>
- August 31**
new listing **Post-Fire Logging in Southern Colorado: Changes to Post-Fire Recovery**
 noon Pacific / 1:00 Mountain / 2:00 Central / 3:00 Eastern
 Camille Stevens-Rumann will be the presenter on this Southwest Fire Science Consortium webinar. Register: https://us02web.zoom.us/meeting/register/tZcodOCppjkrG9PScHTInSqWDXXQjgbY_HSO
- September 1**
new listing **Fire Adapted Communities Pathways Tool: An Introduction**
 noon Pacific / 1:00 Mountain / 2:00 Central / 3:00 Eastern (1.5 hr)
 Join **FAC Net** and Travis Paveglio for an overview of this new tool. For more information, including a link to download the tool, see the attached flyer.
 Register: <https://us02web.zoom.us/meeting/register/tZcvdO2ggDsrHdDXRSuSD5cncVHm9mZ-8ktQ>
- September 28**
new listing **Northeast-Midwest Regional Prescribed Fire Council Coordinating Group Forum**
 10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern (1.5 hr)
 Details: <https://mailchi.mp/1b5de7b2b5a3/ne-mw-regional-prescribed-fire-council-virtual-networking-forum-september-28-2022>
- November 29**
new listing **Management and Climate Variability Effects on the Understory Vegetation Productivity Along Forest-Savanna Continuum**
 11:00 Pacific / noon Mountain / 1:00 Central / 2:00 Eastern
 Arjun Adhikari will be the presenter in the first of a series of webinars from the Oak Woodlands & Forests Fire Consortium. Register:
<https://oakfirescience.com/events/webinar-management-and-climate-variability-effects-on-the-understory-vegetation-productivity-along-forest-savanna-continuum/>

Network Workshops & Field Tours

- November 16-17**
new listing **Collaborative Planning Workshop for Wildfire Resilience and Post-Fire Restoration / Nice, CA**
 Save the date for this public workshop hosted by FireScape Mendocino. Details are in the attached announcement.
- Prescribed Fire Training Exchanges (TREX) & Cooperative Burning**
- September 19-30** **Maine Prescribed Fire Training Exchange**
 The deadline for this TREX has passed.
- Sept. 25-Oct. 1**
deadline **Yurok Prescribed Fire Training Exchange (session 1) / Weitchpec, CA**
 Details: see the [announcement](#); [applications](#) are due by September 2
- Sept. 25-Oct. 8** **Niobrara Valley Preserve Prescribed Fire Training Exchange / Johnstown, NE**
 The deadline for this TREX has passed.
- Sept. 26-Oct. 7** **Women-in-Fire Klamath Prescribed Fire Training Exchange (WTREX-Klamath) / Karuk Ancestral Territory, CA**
 The deadline for this TREX has passed.

- October 2-14** **Northeast Washington Prescribed Fire Training Exchange / Spokane, WA**
The deadline for this TREX has passed.
- October 3-9 deadline** **Yurok Prescribed Fire Training Exchange (session 2) / Weitchpec, CA**
Details: see the [announcement](#); [applications](#) are due by September 2
- October 10-21** **Klamath Prescribed Fire Training Exchange / Northwestern CA**
The deadline for this TREX has passed.
- October 17-21 new listing** **Canadian Prairies Prescribed Fire Training Exchange / Saskatoon, Saskatchewan**
Details: see the [announcement](#); [applications](#) are due by September 15
- Oct. 29-Nov. 12** **Andalucía Prescribed Fire Training Exchange / Spain**
Junta de Andalucía and The Nature Conservancy are partnering on this training exchange.
- Oct. 31-Nov. 13** **Flagstaff Prescribed Fire Training Exchange / Flagstaff, AZ**
The deadline for this TREX has passed.
- Nov. 11-Jan. 15** **North Bay Prescribed Fire Training Exchange / Bay Area, CA**
The deadline for this TREX has passed.
- November 12-19** **Santa Barbara Prescribed Fire Training Exchange / Santa Barbara County, CA**
The deadline for this TREX has passed.
- Feb. 27-Mar. 10, 2023 new listing** **Southern Missouri Prescribed Fire Training Exchange / Springfield, CA**
Details: see the [announcement](#); applications are due by November 11

Trainings, Conferences, Workshops, Etc.

- September 13-14 new listing** **S-131 Firefighter Type 1 / Johnstown, NE**
This training is being held on TNC's Niobrara Preserve. Register by September 9.
Information: see the attached flyer
- September 19-21** **Southeast Climate Adaptation Science Symposium / Gulf Shores, AL**
Information: <https://secasc.ncsu.edu/2022-secasc-science-symposium/>
- September 30 new listing** **Tree-Ring Fire History Field Tour on the Leech Lake Reservation and Chippewa National Forest / MN**
Information: <https://mailchi.mp/d051ea2f0964/tree-ring-fire-history-field-tour-in-minnesota-september-30th>
- October 4-7** **Fire Ecology Across Boundaries: Connecting Science and Management / Florence, Italy & online**
Mary Huffman will be a moderator for a panel on Indigenous and local ecological knowledge. The conference schedule is now available.
Information: <https://fireacrossboundaries.org/>
- October 10-14** **S-290 Intermediate Wildland Fire Behavior / online**
This course, offered by The Fire Roundtable, is a combination of self-paced and interactive work. (Organizers are also seeking experienced practitioners who are willing to be coaches—[sign up](#) if interested.)
Information: https://docs.google.com/forms/d/e/1FAIpQLScfHrTYXb2Q41lwMnBUwjAsf7s8tAMyrLThZ4GwdTiiXXr_dQ/viewform

- October 12-14**
new listing **Tribal Forestry Student Summit / Flagstaff, AZ and online**
Apply by September 9 to be eligible for travel funds.
Information: <https://eri.nau.edu/tribal-forestry-student-summit/>
- October 25-28** **14th Biennial Longleaf Conference: Rekindling Our Connections / Wilmington, NC**
Information: <https://www.longleafconference.com/>
- Oct. 31-Nov.4**
new listing **Wildland Fire Canada Conference / Edmonton, Alberta**
Information: <https://wildlandfirecanada.com/>
- November 12-18** **Southern Area Engine Academy / Apopka, FL**
Nominations for this offering from the Florida Park Service are due by October 5.
Information: <https://mailchi.mp/e7d6e6419d63/2022-southern-area-engineacademy-november-12-18that-wekiva-springs-state-park-in-apopka-fl>
- November 14-18** **5th National Cohesive Wildland Fire Management Strategy Workshop / Asheville, NC**
Information: <http://cohesivestrategyworkshop.org/>
- November 15-17**
new listing **Washington DNR Certified Prescribed Burn Manager Course / Sedro-Wooley, WA**
Information: see attached flyer; applications are due by September 30
- (December 6-8)**
rescheduling **7th Fire in Eastern Oak Forests Conference**
This conference is being rescheduled as an in-person event—details soon.
Information: <https://oakfirescience.com/events/7th-fire-in-eastern-oak-forests-conference/>
- January 4-14, 2023**
new listing **20th Annual TN-KY Wildland Fire Academy / Bell Buckle, TN**
Nominations are being accepted through October 7.
Information: <https://mailchi.mp/a46f6b75909d/nominations-now-open-for-2023-tn-ky-wildland-fire-academy-held-january-4-14-2023-in-bell-buckle-tn>
- April 11-14, 2023**
deadline **Colorado Wildland Fire Conference / Fort Collins, CO**
Proposals for this conference on “Accelerating Adaptation and Managing Expectations” are due by August 31.
Information: <https://www.wildfire-colorado.com/>
- May 2-4, 2023**
new listing **Cross-Boundary Landscape Restoration Workshop / Fort Collins, CO**
Information: <https://sweri.org/cross-boundary-landscape-restoration-workshop/>
- December 4-8, 2023** **10th International Fire Ecology and Management Congress / Monterey, CA**
Save the date for this event hosted by the Association for Fire Ecology.
Information: <https://fireecology.org/calendar-entries/firecongress23>

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Send News, Links & Comments

Autumn Bjugstad – autumn.bjugstad@tnc.org – Autumn is in the office.

Emily Hohman – emily.hohman@tnc.org – Emily is out August 25-September 5; in Santa Fe, NM September 7-8.

James Miller – james.miller@tnc.org – James is in New Orleans, LA September 12-16.

Jeremy Bailey – jeremy_bailey@tnc.org – Jeremy is in the office.

Laurel Kays – laurel.kays@tnc.org – Laurel is out September 5-9.

Lemaine Peo – lemaine.peo@tnc.org – Lemaine is out August 26-September 5.

Marek Smith – marek_smith@tnc.org – Marek is in Salt Lake City, UT September 13-16.

Mary Huffman – mhuffman@tnc.org – Mary is in Gardnerville, NV September 12-15.

Miranda Flora – miranda.flora@tnc.org – Miranda is out September 1-2.

Liz Rank (editor) – lrnk@tnc.org – Liz is out Thursdays.

Note: September 5 is a Conservancy holiday.

Full Links

News from the Field—NC: <https://ncprescribedfirecouncil.org/awards/>

News from the Field—National: <https://fireadaptednetwork.org/wp-content/uploads/2022/08/12a-PERFACT-Report-Aug2022.pdf>

Input Requested—Southeastern U.S. burning: https://ncsu.qualtrics.com/jfe/form/SV_1YRIRlvzj2Bdeku

Input Requested—LANDFIRE: https://www.landfire.gov/participate_refdata.php

Resources—CWDG: <https://fireadaptednetwork.org/cwdg-primer/>

Resources—PODs & CWPPs: https://cfri.colostate.edu/wp-content/uploads/sites/22/2022/08/Caggiano_Beveridge_IntegratingPODsintoCWPPGuidanceCommunityPlanners_August2022.pdf

Resources—Forest inventory: https://public.tableau.com/views/FIA_OneClick_V1_2/StateSelection?:showVizHome=no

Resources—Weeds: https://www.nwfirescience.org/sites/default/files/Weeds_and_Fuels_Infographic.pdf

Resources—Wildland fire modules: <https://www.nwcf.gov/publications/431>

Resources—Biochar—Initiative: <https://biochar-us.org/>

Discussion group: <https://biochar.groups.io/g/Biocharinthewoods>

Articles & Reports—Facts & fallacies: <https://cdm17192.contentdm.oclc.org/digital/api/collection/p17192coll1/id/1133/download>

Articles & Reports—Goats: https://www.fs.usda.gov/rm/pubs_series/rmrs/proc/rmrs_p080/rmrs_p080_25_beebe.pdf

Articles & Reports—Vegetation type conversion: https://www.fs.usda.gov/rm/pubs_journals/2022/rmrs_2022_quiterman_c001.pdf

Articles & Reports—Smoke & photosynthesis: https://www.fs.usda.gov/pnw/pubs/journals/pnw_2022_rastogi001.pdf

In the News—USFS pause: <https://www.fs.usda.gov/inside-fs/leadership/agency-prescribed-fire-pause-update>

In the News—California fires: <https://wapo.st/3AqZBjT>

In the News—Dry lightning: <https://wapo.st/3wz9Lez>

FLN Webinars—Information about upcoming FLN webinars and recordings of previous ones is at:

<http://conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/NetworkProducts/Pages/webinars.aspx>

TREX—The latest application information for upcoming TREX is always listed at:

<http://www.conservationgateway.org/ConservationPractices/FireLandscapes/HabitatProtectionandRestoration/Training/TrainingExchanges/Pages/Upcoming-Training-Exchanges.aspx>

The Fire Learning Network is supported by *Promoting Ecosystem Resilience and Fire Adapted Communities Together: Collaborative Engagement, Collective Action and Co-ownership of Fire*, a cooperative agreement between The Nature Conservancy, USDA Forest Service and agencies of the Department of the Interior.

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To stop receiving the FLN Networker, please reply to this message and include your request in the body of the message.

SOCIAL SCIENCE RESEARCHER

The Ecosystem Workforce Program at the University of Oregon is hiring a social science researcher to work on a variety of applied natural resources-related projects, including forest management, wildfire and air quality/smoke

POSITION DETAILS

Department Summary

The Institute for Resilient Organizations, Communities, and Environments (IROCE) (formerly the Institute for a Sustainable Environment) is the University of Oregon's oldest sustainability-oriented research center and has an interdisciplinary faculty with interests in sustainable rural development, natural resource and environmental policy, ecological restoration, land management, geography, climate change, and related issues. The successful candidate will support and enhance a diverse learning and working environment.

The Ecosystem Workforce Program (EWP), nested within IROCE is an applied social science research and extension program built on the fundamental belief that ecology, economy, and governance are intimately interconnected. EWP is a joint program of the IROCE at the University of Oregon and the College of Forestry at Oregon State University. This unique partnership allows Oregon's two leading universities to collectively contribute to natural resource governance that fosters prosperity and sustainability. Together, we apply scientific expertise and leadership to produce better outcomes for land and people.

Position Summary

This position with the Ecosystem Workforce Program supports a wide variety of quantitative and qualitative social science research and outreach. This work will support sustainable rural development and resilience in forest-based communities, and inform national forest management, community-based forestry, and sustainable rural development in the American West.

Minimum Qualifications

An MA/MS in applied natural resource social science in fields such as forestry, public policy, geography, political science, rural sociology, history, planning, anthropology or other related fields. Significant professional experience may substitute for a master's degree for highly qualified individuals.

Experience with some combination of natural resource policy and management, community-government relations, collaboration, climate change, sustainable rural development, forestry or ecology, land use or transportation policy, green building, health policy, or a related field.

Preferred Qualifications:

- Specific knowledge and experience related to social and economic monitoring or assessment of community forestry, natural resource/land management, ecological restoration, wildland fire or related issues in the American West.
- Demonstrated expertise in graphic design and layout, preparation of reports and factsheets, and/or website design.
- Experience and knowledge of ArcPro or other GIS software, Adobe Illustrator/Photoshop/InDesign, and SPSS or other statistical applications.

Professional Competencies:

Knowledge/experience with a variety of quantitative and qualitative social or natural science research methods, and ability to learn new methods as needs arise.

- Ability and willingness to travel regionally and nationally, including to remote rural communities.
- Effective communications skills, including ability to write publications and documents and deliver presentations for diverse audiences.
- Ability to solve problems quickly and efficiently and learn new methodological skills.
- Strong organizational skills, attention to detail, and good time management.
- Ability to manage multiple tasks and maintain overall program mission.
- Ability to work cooperatively in a team environment.

Other information

- This position is funding contingent and limited duration (1-year full time, potentially renewable)
- Applications accepted until the position is filled
- Application review will begin mid-August
- Expected start date: September

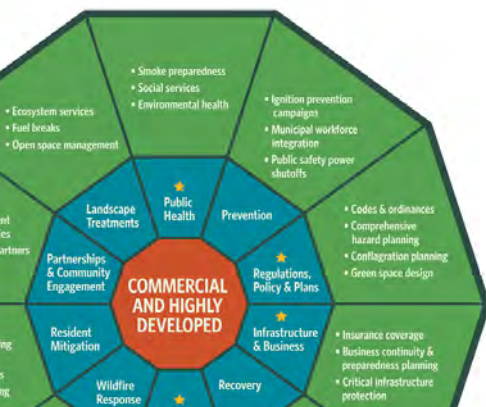
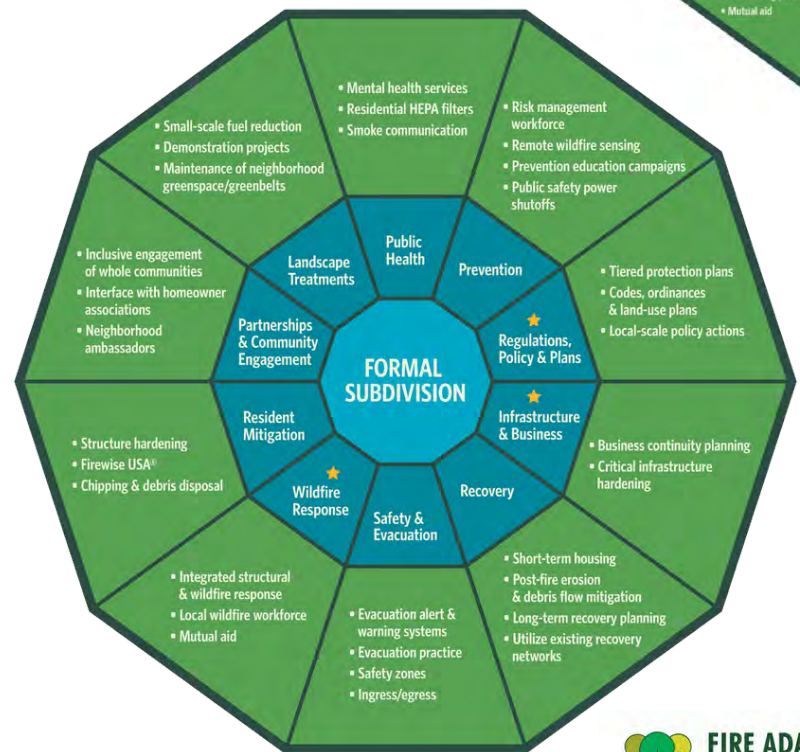
To Apply: <https://careers.uoregon.edu/en-us/job/529675/pro-tem-research-assistantassociatepostdoc-iroce-open-pool>

Contact Michael Coughlan (mcoughla@uoregon.edu) for any questions.

Fire Adapted Communities Pathways Tool: An Introduction

Sept 1, 12:00 - 1:30pm PDT
[Register here](#)

Join FAC Net and Dr. Travis Paveglio as they present the new Fire Adapted Communities Pathways Tool. The Fire Adapted Communities Pathways Tool helps users identify a range of fire adaptation practices and resources that research and experience indicate are more likely to work in the places they live and work.



The Fire Adapted Communities Learning Network is hosting a webinar introducing the Fire Adapted Communities Pathways Tool on September 1, 2022 from 12:00 to 1:30 Pacific. This 90-minute webinar is free, open to anyone, and will provide communities with an overview of the tool, practical considerations for its use, and more.

Register: <https://us02web.zoom.us/meeting/register/tZcvdO2ggDsrHdDXRSuSD5cncVHm9mZ-8ktQ>

ABOUT THE TOOL

The FAC Pathways Tool helps communities identify a set of strategies which are tailored to their strengths and needs, and based on practices which have been successful in communities similar to theirs. The tool combines insights and experiences from community-based wildfire resilience practitioners and researchers who have been studying the factors that influence community adaptation for more than 20 years. Completing the steps outlined in this tool will result in:

- a community description;
- an initial community archetype which can help guide selection of adaptation practices;
- a selection and analysis of practices that are likely to be successful in your community, including considerations, examples and resources; and,
- an action guide to help you put the practices into action.

The goal of the tool is to help organize and facilitate adaptive choices by local people who know their communities, not to prescribe “answers” about the best or only ways to adapt. The tool provides multiple options that partners can collaboratively consider when building their own fire adaptation pathways. This includes suggestions of actions that existing research or practice indicate may be effective in various community “archetypes” and opportunities to catalogue unique local contexts and match them with a broader selection of practices.

The FAC Pathways Tool can be used to engage community members, fellow practitioners, agency staff, or local decision makers and politicians in fire adaptation. The Tool provides a set of considerations that help people collectively reason through the actions that are most likely to be effective in site-specific local conditions.

TO LEARN MORE OR DOWNLOAD THE TOOL IN ADVANCE OF THE WEBINAR

Visit <https://fireadaptednetwork.org/resources/fac-pathways-tool/>

FireScape Mendocino collaborative is excited about its upcoming public workshop. Please plan to join us! Attached is more detail about PODs (Potential Operational Delineations), a forest management tool we will be using during the workshop. Feel free to share this notice with forest users and those that live in and around the Mendocino National Forest.



Save the Dates
November 16 & 17, 2022

Collaborative Planning Workshop for Wildfire Resilience and Post-fire Restoration

Wednesday, November 16, 2022: Field Day – Project tour in the Ranch Fire area on the Upper Lake Ranger District. Plan for a full day in the forest.

Thursday, November 17, 2022: Workshop – Public input to define and protect values at risk within Potential Operational Delineations (PODs) for wildfire resilience in the Mendocino National Forest and to participate the forest’s ecologically-based restoration strategy. Workshop will be interactive and collaborative. Plan for a full day at the conference facility.

Robinson Rancheria Resort & Casino
1545 E State Hwy 20, Nice, CA

All are welcome to join this public workshop. There is no cost to participate. Please plan to attend both days. Advanced registration will be required. Workshop lunch will be provided on 11/17 to those who register by the due date. More details to follow. For updates, please visit www.firescapemendocino.org.

To be added to the mailing list, contact Brin Greer (bgreer@tehamacountyrcd.org).

Rocky Mountain Research Station

PODs at a glance

The PODs process is more than drawing containers on a map—it is a cross-boundary, collaborative engagement that translates into operational strategies once fire is on the ground.

The Potential Operational Delineations (PODs) process is a framework for cross-boundary, collaborative, and integrative fire planning that can support place-based implementation of the [National Cohesive Wildland Fire Management Strategy](#). PODs are based on best available science about fire operations and risks to communities, ecosystems, and responders. The PODs process is holistic. It brings together local managers and stakeholders to plan for future fires using a sophisticated science framework.

The research and data analysis underpinning PODs heavily support Risk Management Assistance (RMA) on real time fire incidents. PODs are also being used by resource managers to proactively define meaningful projects, plan fuels management, and conduct prescribed fire. PODs are used as a learning tool to manage and mitigate risk, rather

than avoid it. This process helps reinstate balance in fire-dependent ecosystems. The PODs framework allows for continuous development of new, risk-informed approaches to address emerging wildland fire management challenges.

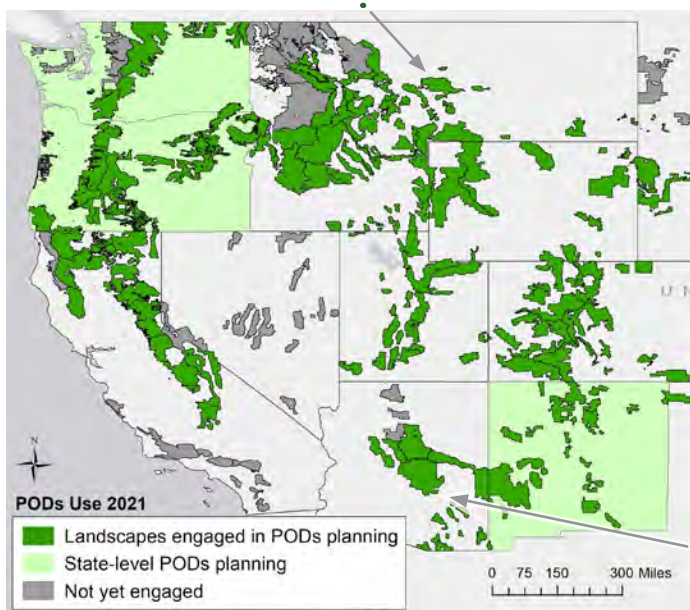
What are PODs?

- PODs are fire management and planning units.
- PODs have boundaries defined by potential control features that can be leveraged for fire containment during a wildfire or prescribed fire. Typical POD boundaries are a combination of roads, rivers, major ridges, barren areas, waterbodies, major fuel changes, or other locations that facilitate control.
- The process of developing PODs is done collaboratively by local wildland fire managers, stakeholders, and scientists.
- Collaborators identify a network of best available control features, often using analytical tools to assess the feature's quality and suitability.
- When paired with a wildfire risk assessment, PODs can be used to quantify and summarize risk into strategic response zones that provide the starting point for strategic planning of incident response.

About the Wildfire Risk Management Science Team

The [Wildfire Risk Management Science \(WRMS\) Team](#) housed at the [Rocky Mountain Research Station](#) develops and applies risk analysis, economics, and decision science research to improve the scientific basis for wildfire management. The WRMS Team has a very productive relationship with Forest Service Fire and Aviation Management (FAM) that ensures WRMS science meets the needs of and advances the agency's

PODs and RMA provided information to managers on the 2021 Balsinger Fire to ensure fire responder safety by helping evaluate the limited suppression operations.



The 2017 Pinal Fire leveraged a PODs network to burn nearly 7,200 acres for resource benefit and risk reduction objectives. Four years later, the Pinal footprint protected the communities surrounding Globe, AZ during the 2021 Telegraph Fire.

goals. The team's scientists create actionable knowledge through continual learning and management partnerships which improve the science behind PODs and better support the needs of practitioners who are using PODs on the ground. The WRMS Team develops scientifically backed tools, processes, and information to help manage risks.

WRMS provides the science behind the Risk Management Assistance Dashboard

Data and models developed by the WRMS Team for PODs underpin [Risk Management Assistance](#). RMA informs decision making by using models during real time fire incident response. For example, RMA identifies snag hazards to fire responders and locations where responders can potentially contain the fire. PODs and RMA largely share a common set of scientists, analysts, and analytics. PODs are used as a proactive planning process while RMA is responsive. The

PODs were co-developed by managers in the National Forest System in partnership with scientists at the U.S. Forest Service Rocky Mountain Research Station, the Colorado Forest Restoration Institute, and Oregon State University.

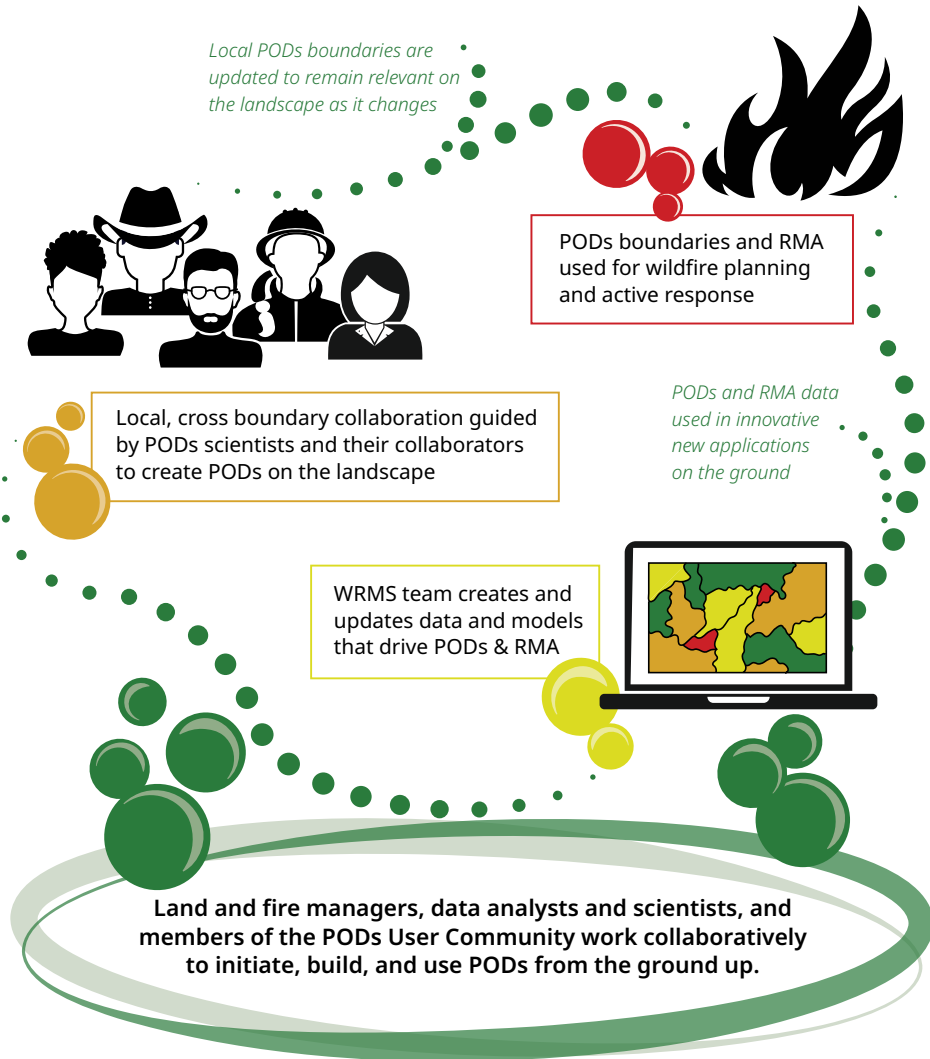
WRMS Team works closely with RMA staff to gather feedback from end users to continually improve the tools and processes used for decision support.

Looking forward PODs implementation

The WRMS Team and its partners cannot meet the growing demand for PODs alone. To build capacity, the WRMS Team convened the new multiagency PODs User Community, a network of practitioners and researchers who share knowledge, encourage innovation, and build capacity to implement and monitor cross-boundary pre-fire response planning. This community will continue to grow and guide the future direction of research and applications on the ground. Technology transfer by the PODs User Community and other collaborators is necessary to allow the WRMS scientists to further PODs research.

Continued scientific advancement

PODs science and PODs applications on the ground are the result of focused research, emphasis on science delivery, and deliberate partnerships built by the WRMS Team. The WRMS Team and their collaborators will ensure continued scientific innovation in pursuit of safer and more effective fire response. PODs are not an end point for this science, but the beginning of improving the overall fire management architecture of the agency. The WRMS Team's vision is to realize a fire management paradigm where decisions and actions are risk-informed, evidence-based, enriched with analytics, aligned with long-term objectives, and built on a foundation of cross-boundary collaboration and partnership.



62

62 National Forests are engaging with PODs

40

40 National Forests have completed the PODs process

73%

73% of forests in USDA Forest Service Regions 1-6 are engaged with PODs

40%

More than 40% of the 113 fires supported by RMA in 2021 leveraged PODs networks.



State, county, tribal, and local cooperators as well as partners from other federal agencies routinely engage in PODs workshops

Fire Training Opportunity

September 13 & 14th, 9:00-4:00 PM

The Nature Conservancy's Niobrara Valley Preserve

42269 Morel Rd, Johnstown, NE 69214

- ◆ Come join TNC staff and partners for a free training in prescribed fire focusing on the line boss position
- ◆ Training includes hands-on learning and live fire demonstration (weather dependent)
- ◆ Attendees will receive certification in NWCG's S-131, Firefighter Type 1 course
- ◆ Topics of focus:
 - The role of the Line Boss/FFT1
 - Prescribed fire techniques/practices every line boss should know
 - Common radio frequencies in Nebraska
 - Understanding and reading the fire environment

This event is FREE. To guarantee your lunches, register by September 9th to Ashley Oblander — ashley.oblander@tnc.org, 563-387-7424

Housing available upon request



Washington DNR Certified Prescribed Burn Manager Course

November 15-17, 2022 - Sedro-Wooley, WA

Greetings,

I invite you to attend the second offering of the DNR's Certified Prescribed Burn Manager course. This will be a 3-day in-person course held at the DNR's Northwest Region office in Sedro-Woolley, WA on November 15-17, 2022. The cost will be \$100, but is free to DNR employees.

The course will consist of:

- Approximately 4 hours of pre-work that will be sent out to students.
- Two 8-hour classroom days covering prescribed burn content
- A morning field event, followed by an afternoon exam

As a component of the certification process, a student with a passing grade on the exam will coordinate an evaluation burn. The student will **lead** a prescribed burn while being evaluated by the Certified Burner Program Manager. If all areas of the evaluation are satisfactory the student will be recommended for certification.

Please email Kyle Lapham; kyle.lapham@dnr.wa.gov in order to enroll your nomination, the class will be limited to 25 students. The deadline for nominations is September 30, 2022.

Please provide a short description of your prescribed fire experience to aid in the selection process.

Food and Lodging will not be provided; please plan accordingly.

More course information will be sent out to selected students once the deadline has passed. If you have any questions, please reach out to Kyle Lapham – Certified Burner Program Manager.

You can read a forest stewardship notes article about the course here:

<https://foreststewardshipnotes.wordpress.com/2022/06/01/new-dnr-program-teaches-safe-certified-prescribed-burning/>

This course was established in response to the passing of the Revised Code of Washington (RCW) 76.04.183 <https://app.leg.wa.gov/rcw/default.aspx?cite=76.04.183>

Kyle Lapham

Certified Burner Program Manager

Forest Resilience Division

Washington Department of Natural Resources