



ESIP MEETING JULY 2023

OPENING DOORS TO OPEN SCIENCE

BURLINGTON, VERMONT & ONLINE JULY 18-21, 2023

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Curating Trusted Data for Wildfire Data in the Age of AI

Thursday, July 20 • 8:00am - 9:30am

More info & slides on Sched Session Page: <https://sched.co/1NodG>

Description

The ESIP Wildfire Cluster is a new cluster initiated during the 2023 ESIP January Virtual Meeting. During the past six months, the Wildfire cluster engaged with various federal agencies to better understand what data and services are available to support wildfire management and research to operations transition as we open doors to open science. The next step for the cluster is to work with the community and stakeholders to synthesize existing and ongoing developments of data and services that support proactive wildfire management and research development.

Narrative: The Canadian wildfires have been raging across vast areas in the north and communities in the US are experiencing the impacts (e.g., smoke, poor air quality, impact on timber supplies) hundreds or thousands of miles away. As a community of Earth science information partners, how can we support the broad community to understand, prepare for, monitor, and respond to the increasing frequency and intensity of wildfires?

We will also discuss: What are the key challenges to proactive wildfire management and research development that require data synergies across agencies are needed to provide value-added analytics (that may include AI)

Activity: data and resource curation for the Canadian wildfires from all participants

Topics of curation:

- Data and resources for pre-fire preparation
- Data and resources for during-fire monitoring and response
- Data and resources for post-fire recovery and response
- Data and resources for education and outreach

Attendees will be asked to roll up their sleeves and help us identify useful datasets that can be tested within ESIPs Ecosystem of Innovation. Are valuable datasets under lock and key or are they available and ready to serve? Are there multiple datasets serving slightly different versions

Thanks for joining us!

[Community Participation Guidelines](#) & [Reporting](#)

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of the same product when we are asked to trust them? We will provide helpful web addresses and allow attendees to collaborate with others to seek and conquer.

At session start:

- **Welcome**
 - Invite attendees to share their name/affiliation/location and any additional info you request in the Attendance & Check-in section above.
 - Assign any roles needed (additional notetakers, Zoom moderators, etc.)
 -

Attendance & Check in

Add your Name / affiliation / pronouns / location / e-mail

- Dave Jones / StormCenter Communications|GeoCollaborate/he|him/Annapolis, Maryland/dave@stormcenter.com
- Douglas Rao / NC Institute for Climate Studies|noaa ncei / he/him / Asheville, NC / douglas.rao@noaa.gov
- Patricia Fricke /NOAA; TechTravers/Ogden, UT/patricia.fricke@techtraverse.io
- Teddie Gelabert / NASA ESDS-SSAI / she,her / GSFC Maryland
- Stefanie Butland / affiliation / she,her / Kamloops BC / stefanie@openscapes.org
- Grace Llewellyn/ NASA JP/, she, her/ Pasadena, CA/ grace.llewellyn@jpl.nasa.gov
- Bob Chen / CIESIN, Columbia Climate School & NASA SEDAC / he, him / Palisades NY
- Mike Humber / UMD / College Park, MD / mhumber@umd.edu
- Stevan Earl / CAP LTER, ASU / stevan.earl@asu.edu
- Karen Moe / NASA Retired / karen.moe@earthlink.net Cheverly MD
- .Kim Locke / NASA GSFC / she, her, hers / Vermont / kim.a.locke@nasa.gov
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Agenda

1. Icebreaker activity (5 mins)
2. Overview of the session purpose and wildfire cluster activities (10 mins)
3. Participants pitch topic ideas by walking around the room using sticky notes (10 mins) (for online attendees use [Jamboard](#))
4. Participants caucus around topics and discuss suggested topics (group related topics together and expand on existing ideas) (10 mins)
5. Topic brief-out / “sales-pitch” for resources and help (10 mins)

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6. Group work on curating data and resources for each topic (30 mins)
7. Share out and next steps for the wildfire cluster (10 mins)

Resources for this session (upload to your session **folder** and link below)

- Curation document:
 - [Data and resources for pre-fire preparation](#)
 - [Data and resources for during-fire monitoring and response](#)
 - [Data and resources for post-fire recovery and response](#)
 - [Data and resources for education and outreach](#)
- [Jamboard for ideation](#)

Before session close:

- **Capture 3 Takeaways & Shared insights**
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 - .
 - .
- **Closing**
 - Share any reminders about how to engage in the future.
 - Shout-outs & thanks.

Ways to stay involved with ESIP

- Join the conversations on our [ESIP Slack Channel](#) and say hello on #general.
- Keep up with the latest from in and around ESIP by signing up for the [ESIP Update](#) or the mailing list of this group.
- Hop on the [ESIP Community Calendar](#) and join a Collaboration Area call that interests you - no need to RSVP!
- Share ideas and stay connected with the #EarthScienceData community on LinkedIn: Follow us [@Earth Science Information Partners \(ESIP\)](#)

Feedback

Please share your feedback on this session in [Sched](#).

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Paste in Zoom Chat notes that you would like to save here

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