

**CONVERGE Virtual Forum – 2021 Boulder County Fires, Session 1
January 19, 2022**

Comment From Jennifer Tobin to Everyone:

2021 Boulder County Fires - Research and Resource Coordination Document:

https://docs.google.com/document/d/1jVKvzF2mHMT_n5bGbd0nN4qFq1kfCwRBwJPU-SoVedo/edit?usp=sharing

Comment From Brian Metzger to Everyone:

I'm not sure whether or where these resources fit into the google doc but the USFA has a lot of resources available related to WUI fires and grants: <https://www.usfa.fema.gov/wui/>

Question From Ramesh Singh to Everyone:

What was the cause of this fire?

From Gloria Edwards to Everyone:

@Ramesh Singh: The official cause of the fire is still under investigation by the county and the FBI, but it seems fairly clear that it started on private land.

Comment From Joshua Putterman to Everyone:

The issue is that the entire event was based on warming atmospherics based on climate change, period. The warm air inversion that increased the intensity of the chinook winds coupled with the unseasonal abnormally dry early winter in the Front Range. Tragic.

Comment From Jennifer Tobin to Everyone:

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Comment From Michael Thurman to Everyone:

Our lab has been analyzing ash samples from Cameron wild fire and have found many organic acids and hydrocarbons. Some are toxic.

Response From Christopher Hudak to Everyone:

@Michael Thurman the EPA responded to CA about the content of fire ash samples, which informs their debris management.

Question From Tim Stalker to Everyone:

Amelia, are you communicating with residents of Louisville and Superior to identify research projects? How are you determining and prioritizing the research the city would like assistance with?

Response From Amelia Brackett Hogstad to Everyone:

Tim, and to anyone else interested in how staff at the City are thinking about what our questions and priorities for research would be, I think what's informing us so far is all of the listening sessions, emails, and phone calls from and with residents. Ideally, moving forward, just from my perspective, defining priorities with community input would be a part of any social study of the disaster.

Response From Christopher Hudak to Everyone:

@Daniel Green. Right back at you! FEMA has been a great partner to the state from the COVID response to the 2020 Wildfires to the I-70 Mudslides to the Marshall Fires.

Comment From Katie Murphy to Everyone:

Please see table 4, page 33-34 for Daniel's ideas

Comment From Jennifer Tobin to Everyone:

Have a Research Question, Idea, or Topic You Want to Promote? Enter It Here:

https://docs.google.com/document/d/1jVKvzF2mHMT_n5bGbd0nN4gFq1kfCwRBwJPU-SoVedo/edit#heading=h.qc4azytljq98

Comment From Gloria Edwards to Everyone:

Download the "After the Disaster Guidebook – Boulder County" in both English and Spanish. More information is available on the Extension website. Please share these resources with those in need. English: <https://extension.colostate.edu/wp-content/uploads/2022/01/Boulder-County-After-the-Disaster-Guidebook-CSU-Extension-V3.pdf>

Spanish: <https://extension.colostate.edu/wp-content/uploads/2022/01/DESPUE%CC%81S-DEL-DESASTRE-GUI%CC%81A%E2%80%8B-Condado-de-Boulder-CSU-Extension.pdf>

Comment From Jennifer Tobin to Everyone:

Grants for Rapid Response Research (RAPID):

https://www.nsf.gov/pubs/policydocs/pappguide/nsf09_1/gpg_2.jsp#IID1

Response From John Wiener to Everyone:

Dr Thurman - see Philip? RHODES, USFS at Ft. Collins. Has the only truly long-term set of observations on water quality impacts from Hayman Fire.

Comment From Richard Kwok to Everyone:

NIH / NIEHS also have time sensitive grants through the R21 mechanism. (Not as rapid as NSF though!). More details at: <https://grants.nih.gov/grants/guide/rfa-files/rfa-es-19-011.html>

Comment From Gloria Edwards to Everyone:

The After the Disaster Guidebook contains a variety of resources for the homeowner, farmer, and landowner, as well as sections for notes, numbers, and insurance info.

Comment From Jennifer Tobin to Everyone:

Projects Already Launched:

https://docs.google.com/document/d/1jVKvzF2mHMT_n5bGbd0nN4gFq1kfCwRBwJPU-SoVedo/edit#heading=h.28ba686qeje

Planned Research Studies:

https://docs.google.com/document/d/1jVKvzF2mHMT_n5bGbd0nN4gFq1kfCwRBwJPU-SoVedo/edit#heading=h.7hdeosp2ysas

Comment From Jeanne McDonald (she/her/hers) to Everyone:

CU Boulder faculty, staff and students can apply by Feb. 4 for funding to help seed outreach and engagement projects with external community partners. Learn more:

<https://www.colorado.edu/outreach/oe/outreach-funding>



Comment From Joe Wartman to Everyone:

The NSF-supported Natural Hazard and Disaster Reconnaissance Facility (known as the RAPID) provides researchers with the equipment, software, and support services needed to collect, process, and analyze perishable data from extreme events, such as the recent fire. Please do not hesitate to contact us if you have any questions or if we can support your work.

<https://rapid.designsafe-ci.org/> and, e-mail: uwrapid@uw.edu

Comment From Gloria Edwards to Everyone:

SRFSN has just launched our new website: southernrockiesfirescience.org. Please check our Research/Publications section as well as our Models, Maps, and Apps page. If you have wildfire resources, models, or research/publications that need to get out to the community, please send to me: Gloria.edwards@colostate.edu

Question From Bart Croes to Everyone:

Is any group analyzing for dioxins in the ash? It's potentially a concern similar to heavy metals and PAHs.

Comment From Mary Leinhos to Everyone:

Citizen Science for Disasters, a guide for community groups:

<https://www.rand.org/pubs/tools/TLA175-2.html>

I will also post in the Google Doc

Question From Drew Rayburn to Everyone:

I joined late, but heard some. Can I have contact info for anyone planning UAV surveys of the burned area? I'm in contact with Open Space managers who are very interested in the imagery.

drew.rayburn@tnc.org

Comment From Jennifer Tobin to Everyone:

CONVERGE Training Modules: <https://converge.colorado.edu/resources/training-modules/>

Question From Jill Minter to Everyone:

Is anyone studying inspection, sampling, testing, clean-up/remediation and longer-term monitoring of school playgrounds, community playgrounds, ball fields, skate parks, bike paths, and other public recreation areas used by children?

Comment From Jennifer Tobin to Everyone:

CONVERGE Check Sheets: <https://converge.colorado.edu/resources/check-sheets/>

Question From Leysia Palen to Everyone:

I wonder how CONVERGE might support residents who approach us about doing grassroots research? An example: I have already had someone approach me about how to launch community based to air quality research project (including seeking funding etc).

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Comment From Jennifer Tobin to Everyone:

Please sign up for Resources and Information through the Natural Hazards Center:

<https://converge.colorado.edu/signup/> and CONVERGE: <https://converge.colorado.edu/signup/>

Comment From Katie Murphy to Everyone:

From Chris Hudak: FYSA: The report from CA that the EPA reviewed: "Assessment of Burn Debris—2015 Wildfires, Lake and Calaveras Counties, California" dated 12/7/2015 from Geosyntec Consultants for CalEPA. This helped inform the CA debris mgmt. program.

Comment From Jennifer Tobin to Everyone:

Please Keep Adding Research and Resources:

https://docs.google.com/document/d/1jVKvzF2mHMT_n5bGbd0nN4gFq1kfCwRBwJPU-SoVedo/edit?usp=sharing

Comment From Erica Kuligowski to Everyone:

erica.kuligowski@rmit.edu.au

Comment From Katie Dickinson to Everyone:

Katherine.dickinson@cuanschutz.edu

