



January 2023

Brought to you by Hawai'i Wildfire Management Organization and University of Hawai'i Cooperative Extension, CTAHR, Fire & Ecosystems Program. Partner submissions encouraged!

Weather & Climate Outlook

When it rains, it pours! Most of Hawai'i is hoping to get some drought relief (despite the flooding in Maui county). Like last month, we will be keeping our eyes out for a wildfire fuels green-up:

- [National Significant Wildland Fire Potential Outlook](#) January - April 2023
- US [Drought Monitor for Hawai'i](#) - current conditions
- [US Drought Monitor](#) for Palau, Guam, CNMI, FSM, Marshalls and American Samoa
- [Hawaii and USAPI Climate Summary](#) - 4th Quarter 2022

Pacific Fire Exchange (PFX) Highlights

Overview of post-fire response



COOPERATIVE EXTENSION
UNIVERSITY OF HAWAII AT MĀNOA
COLLEGE OF TROPICAL AGRICULTURE AND HUMAN RESOURCES

New resource! A **slide presentation** by University of Hawai'i's Dr. Clay Trauernicht **that summarizes best practices for assessing environmental conditions in island environments after fire?** It briefly summarizes both short and long-term environmental stabilization practices like erosion & weed control, infrastructure repair, mitigating impacts from the fire fighting response, and re-vegetation, and restoration. Check it out and download the slides [HERE](#).

Partnerships in Action

It was really hard not to get a kick out of the **public service announcement around fireworks safety which frequented Big Island radio stations last month** (Dec. 19 - Jan 1)! The radio ad was hard to miss (for those that missed the original airing, the recording can be found below). This PSA message was brought to you by the Fireworks Awareness Partnership, a group of Big Island stakeholders including nonprofit leaders (Domestic Violence Hurts Animals and People, Hawai'i Wildfire Management Organization), community leaders (Firewise Committees), island residents, and elected officials like Representative Cindy Evans and Mayor Roth among others, and with financial support from HWMO.

LISTEN HERE

Hometown Heros



Division of Forestry & Wildlife, a group of residents from the **Kamuela View Estates** neighborhood on the Big Island are in the process of applying to become a nationally recognized Firewise community. On January 7, they hosted a curbside Firewise table (along with Kaleo Pueo) in order to inspire their friends and neighbors to join their Firewise efforts and to sign up for free home assessments. **Please join us in congratulating them their outstanding efforts toward community wildfire preparedness and community resilience!**

From Our Partners

- News by and for islands of the Western Pacific: The [Pacific Island Forestry Committee](#) (PIFC) is a part of the Western Fire Leadership Council and is comprised of forestry leaders from the U.S.-Affiliated Pacific Islands. Like the Pacific Fire Exchange, the coalition between the PIFC members and the USDA's Pacific Islands Forestry is concerned with the impact of wildfires on Pacific Islands. The story map "[Water, Wildfire, & Forestry in the US Pacific Islands](#)" (June 2021) summarizes the challenges of the region. Read more about the landscape, culture and ecology of islands in the Western Pacific [HERE](#).
- The [National Forest Foundation](#) (NFF) has a super quick 15-question survey about grant and program changes [HERE](#) in which they are giving away gear items (flask, fanny pack, hat) for participation!

Hawai'i and Pacific: Webinars, Research, Reports and News

- [Restoring native species post-fire at Pu'ukoholā Heiau National Historic Site](#) (U.S. National Park Service)
 - [Firefighters extinguish brush fire near Maui airport that scorched about 50 acres](#) (Hawaii News Now, Dec. 23, 2022)
 - [Lightning strike ignites brush fire within Hawai'i Volcanoes National Park](#) (Big Island Now, December 21, 2022)
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Fire Adapted Communities Learning Network

- [Prioritizing Access and Functional Needs in Emergency Planning and Wildfire Response](#) (Jan 12, 2023)
 - [Putting Wildfire Plans to Use: Dusting Off That CWPP](#) (Dec 22, 2022)
 - [Farming through Wildfire Season: The Key Role of Farmers in Building Wildfire Resilience](#) (Dec 8, 2022)
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Other Meetings, Conferences and Courses

- Accepting abstracts: Submit [HERE](#) by February 5, 2023 for the Society of Ecological Restoration's 2023 Conference [Nature & Society as One](#) to be held 26-30 September 2023 in Darwin, Australia.
- Accepting abstracts: Submit [HERE](#) by February 24, 2023 for the 2023 Hawai'i Conservation Conference - [Aia i hi'ikua, i hi'ialo - Reflecting on our Past; Dreaming on our Future](#), June 27 - 29, 2023.
- Save the date: Association of Fire Ecology's [10th International Fire Ecology and Management Congress](#), December 4 - 8, 2023 in Monterey, CA. The Call for Proposals will open March 1, 2023.
- [Webinar Recording: Climate Change Aggravates Disease Webinar](#) with Dr. Tristan McKenzie (Pacific RISCC, December 2022)

National News & Policy

- [Feds send \\$930 million to curb 'crisis' of US West wildfires](#) (The Associated Press, Jan. 19, 2023)
- [Biden-Harris Administration Launches New Efforts to Address the Wildfire Crisis](#) (USDA press release, Jan 19, 2023)

[deadly mudslides](#) – this is what cascading climate disasters look like (Times Union UC Irvine, Jan. 10, 2023)

- [What if Indigenous women ran controlled burns?](#) (High News Country, December 2022)
- Wildland Fire Mitigation & Management Commission [Opportunities for Engagement](#). They are seeking recommendations and feedback via a web form to the groups working on post-fire issues (through January 6) and response coordination (through January 24).

National and International Research and Reports

- [Rethinking Risk and Responsibility in the Western Wildfire Crisis](#) (Stanford Social Innovation Review, Dec. 20, 2022)
- [New types of investments needed to address barriers to scaling up wildfire risk mitigation](#) (Yung, L. et al., Fire Ecology, 13 December 2022)
- [Themes and patterns in print media coverage of wildfires in the USA, Canada and Australia: 1986–2016](#) (Sonya Sachdeva A and Sarah McCaffrey, International Journal of Wildland Fire, 29 July 2022)
- [Tree mortality response to drought-density interactions suggests opportunities to enhance drought resistance](#) (**Journal of Applied Ecology, 10 May 2021**)

Proceedings of the National Academy of Sciences, January 10, 2022)

- [Strategic Partnerships to Leverage Small Wins for Fine Fuels Management](#) (Arispe et al., Rangeland Ecol & Mgmt, January 4, 2022)
- [The Economic Value of Fuel Treatments: A Review of the Recent Literature for Fuel Treatment Planning](#) (Hunter & Taylor, Forests, December 1, 2022)
- [Indigenous fire management and cross-scale fire-climate relationships in the Southwest United States from 1500 to 1900 CE](#) (Roos et al., Sci. Adv, 2022)

National Multimedia: Webinars, Interviews, and Learning through Stories

- [Confronting the Wildfire Crisis Story Map](#) (USFS)
- Webinar Recording: Geo-fencing Summit (USFS), [Day 1](#) & [Day 2](#)
- Watch CALFIRE's 6 min video [HERE](#): Reflecting on a year of progress and resilience, California experienced an 85% reduction in acres burned and a 78% reduction in structures destroyed in 2022. And while you're here, check out California's new 2,500 ac demonstration forest [HERE](#).

fire products, biophysical settings models and more. Check out their series of video's [HERE](#).

Jobs



- Hawai'i Wildfire Management Organization is hiring! If you share our vision for the people and places of Hawai'i and the Pacific to be wildfire-ready and wildfire-resilient, consider applying for a job with us. The rewards are plentiful: competitive pay and benefits, a passionate and enthusiastic team, and the deep satisfaction of knowing you're making a

Applications due February 5, 2023. Learn more [HERE](#) or write to directors@hawaiiwildfire.org.

- 10 month part-time Restoration Fellowship (March - December 2023) with the [Society of Ecological Restoration](#). The fellowship will provide a paid part-time opportunity for an emerging professional from an underrepresented community to contribute to SER programs; gain leadership and authentic professional experience; and build their professional network across the global restoration community. Job description [HERE](#).

Funding Opportunities

- FEMA's Assistance to Firefighters Grant (AFG) Application Period is OPEN January 9 - February 10, 2023. You'll be surprised what entities are eligible to apply! Another fiscal tool that helps local, state and NGO partners achieve a safer, more effective fire response. The application period closes on Friday, February 10, 2023, at 5:00 p.m. ET. Apply [HERE](#).
- Action, Implementation & Mitigation (AIM) Grant information webinar is on Tue, Jan 31, 2023 7:00 AM - 8:00 AM HST. The AIM Grant is a unique funding opportunity targeted at increasing local communities' capacity to reduce wildfire risk and increase resiliency. The grant application is a two-step process. First, a Request for Concept Papers. Second, if invited, an online application. Register [HERE](#)

[watershed health](#). The funding opportunity is available at [HERE](#) at grants.gov under opportunity number R23AS00089. Applications are due by March 28, 2023, at 4 p.m. MDT.

Share YOUR News.

This newsletter is a great way to keep our wildfire community connected!

If you have a news item, photo, or accomplishment to share with our community of wildfire professionals, please email it to wildfirecommunications@hawaiiwildfire.org.

We will feature it in the next newsletter or social media post!



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