

Pacific Fire Exchange (PFX)



The Pacific Fire Exchange (PFX) is a fire science and information communication project co-led by the Hawai'i Wildfire Management Organization and the University of Hawai'i. The PFX is part of the Joint Fire Science Program (JFSP) regional exchange network of 15 fire science consortia aimed at fostering nation-wide information exchange for fire-related challenges.



The project seeks to facilitate fire knowledge exchange and enable collaborative relationships among wildfire stakeholders in the Pacific. PFX supports members of the Pacific island fire community including resource managers, fire responders, landowners, communities, government, non-profit, and higher education. It aims to meaningfully contribute towards reducing the threat of wildfire in the Pacific through the exchange of knowledge between scientists and managers and by supporting regionally relevant fire prevention and management collaborations. The project leverages the “best available” research to reduce fire management costs and protect natural, social, and cultural resources from wildfire devastation. Through information, training, and tools for Pacific wildfire mitigation activities, the PFX aims to support:

- Easier access to information sources;
- Better and more comprehensive information;
- Improved technical assistance;
- Environment with more collaborative information transfer.

Weed Fire Risk Assessment for Hawai'i Pacific islands are increasingly threatened by wildfire and its effects which negatively impact our economies, physical and social environments. Hawaiian ecosystems in particular are not readily adapted to fire and are easily replaced by non-native plants, especially weedy grasses which now cover 25% of Hawai'i. The [Weed Fire Risk Database](#) assesses 360+ weed species for their fire-promoting traits and can assist landowners and managers in prioritizing invasive species control efforts. This database may also be useful for determining if a newly discovered species poses a potential fire threat in urban, wildland and agricultural areas. [PFX Fact Sheet](#).



▲ PFX region.

Source: [Pacific Fire Exchange](#)