Forest Health Research Program Grantee Webinar:

Indigenous Burning, Prescribed Fire, and Goldspotted Oak Borer Management

Joelene Tamm, University of California Riverside

Thursday, August 31, 2023

3:00 pm – 4:00 pm

Register here

Abstract: Oak trees are the ecological cornerstone of southern California forests. However, the invasive oak borer beetle (Agrilus auroguttatus) has killed over 74,000 oak trees and continues to expand its zone of infestation. We have researched heat treatment and prescribed fire in efforts to develop best management practices for goldspotted oak borer as part of our CalFire-funded research, undertaken in collaboration with the USDA Forest Service and the La Jolla Band of Luiseño Indians. We describe the experiments used to quantify preliminary findings of potential land management practices that will increase forest health and sustainability.

Joelene Tamm is a research scientist at the University of California, Riverside, studying applied Traditional Ecological Knowledge for landscape-level management. Joelene's research has focused on heat-treating infested wood, assessing pile-burning impacts on infested wood, and examining the effects of broadcast burn locations to develop research-based management practices.

The Forest Health Research Program is part of California Climate Investments, a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment — particularly in disadvantaged communities.

CAL FIRE SINCE 1885 FRAP Fire and Resource Assessment Program California Department of Forestry and Fire Protection

CALIFORNIA CLIMATE INVESTMENTS Cap and Trade Dollars at Work