

Local Issues, Local Science

Emerging fire science research and approaches in the North Coast

March 21, 2013

Humboldt State University, Arcata

Please join us for a day of presentations and discussions with a handful of our region's best fire scientists and managers! This event will cover a wide range of local topics, including fires of the future along the North Coast, sudden oak death-wildfire interactions, the effectiveness and impacts of mechanical mastication treatments, conifer encroachment, fire effects on fish, and the resources offered by the CA Fire Science Consortium (www.cafiresci.org).

Who Should Attend?

The workshop is intended for forest and fire managers, landowners, students, and anyone else with an interest in local ecology and fire-related research.



Photo by Eamon Engber

Register by March 15th at:
[http://ucanr.edu/local issues local science](http://ucanr.edu/local%20issues%20local%20science)

or call 707-445-7351

Cost: \$15 (includes lunch)

Please register online or send a check payable to UC Regents to UC Cooperative Extension, 5630 South Broadway, Eureka, CA 95503 Please include "Humboldt Fire Event" on memo line.

Location:

Humboldt State University
Natural Resources Bldg, Room 101
Arcata, CA

Agenda

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| 9:00 | <i>Registration and refreshments</i> |
| 9:45-10:00 | Welcome and introductions
(Lena Quinn-Davidson, UC Cooperative Extension/CA Fire Science Consortium) |
| 10:00-10:40 | Fires of the future along the North Coast
(Phil van Mantgem, USGS Arcata) |
| 10:40-10:50 | <i>Break</i> |
| 10:50-11:25 | Post-wildfire survival of <i>Phytophthora ramorum</i>, causal agent of sudden oak death, in CA coastal forests
(Maia Beh) |
| 11:25-12:00 | A scientific update on the effectiveness and impacts of mechanical mastication treatments
(Jeff Kane, Humboldt State University) |
| 12:00-1:00 | <i>Lunch (provided)</i> |
| 1:00-1:30 | Influence of conifer encroachment and fire on California black oak
(Matt Cocking, NRCS Eureka) |
| 1:30-2:20 | Characterizing and managing tree encroachment into a serpentine savanna in Redwood National Park
(April Sahara, Humboldt State University, and Stassia Samuels and Eamon Engber, Redwood National Park) |
| 2:20-2:35 | <i>Break</i> |
| 2:35-3:05 | Fire effects on fish
(Frank Lake, USFS Pacific Southwest Research Station) |
| 3:05-3:50 | Facilitated discussion: How can the CA Fire Science Consortium be used as a venue to further successful fire, fuels, and forest management in the North Coast?
(Facilitated by Yana Valachovic, Forest Advisor, UC Cooperative Extension) |
| 3:50-4:00 | Wrap-up and review of California Fire Science Consortium resources |



There will be time for questions and discussion following each presentation.