

New Directions in Fire Ecology and Fire Modelling Research Workshop



LEVERHULME

Centre for **Wildfires,**
Environment and Society

Tues 25th May, 14:00-16:00 BST

MS Teams Virtual Meeting

This event is a follow-up to an international mini-workshop with the same name, which was held during 11–13 May. The aims of the present workshop are:

- to disseminate some of the key findings of the mini-workshop,
- to present a selection of relevant work being carried out now by early-career researchers in the Centre, and
- to brainstorm about future directions, both now (next 12 months) and in the longer term.

Agenda

Please sign in a few minutes early to allow for a prompt start

14:00- 14:05 Introduction - Colin Prentice, *Chair* (ICL)

14:05- 14:20 Overview of Key Findings - Sandy Harrison (Reading)

14:20-14:35 How vegetation properties influence wildfire

Olivia Haas, ICL (5 min)

Alex Kuhn-Régnier, ICL (5 min)

Hannah Nguyen, KCL (5min)

14:35-14:40 How wildfire influences vegetation and landscapes

Michel Valette, ICL (5 min)

14:40-14:55 How wildfire and vegetation have co-developed

Daniel Gallagher, RHUL (5 min)

Yicheng Shen, Reading (5 min)

Luke Sweeney, Reading (5 min)

14:55-15:05 Introductions and transfer to the breakout groups

- 1) How should we develop a global taxonomy of wildfire? Ramesh Ningthoujam (2 min)
- 2) What can we learn from the past about future wildfire regimes? Paul Lincoln (2 min)
- 3) How can we improve models for wildfire-vegetation interactions? Matt Kasoar (2 min)

15:05-15:45 Breakout groups

Each breakout group (40min) will answer the following two questions:

A – What integrative activities should we plan during the next year to advance the topic?

B – What is the one key piece of research needed for a breakthrough?

15:45-16:00 Brief reports from the breakout groups (5 min each)

16:00 End