Reading Palaeofire Database

Research Workshop

LEVERHULME

Centre for **Wildfires, Environment** and **Society**

University of **Reading**

Reading Palaeofire Database

19th, 20th and 26th Oct, 13:00-16:00 BST (12:00-15:00 UTC)

MS Teams Virtual Meeting

This 3-day virtual workshop aims to discuss the current research and future opportunities using the Reading Palaeofire Database, an expanded global resource to document changes in fire regimes from sedimentary charcoal records. The database can be accessed here; and the Preprint is available for discussion.

Day 1 will be recorded for those who are unable to attend. Please contact wildfire@imperial.ac.uk for access. Days 2-3 will be for general discussion.

Day 1 Agenda
Please sign in a few minutes early to allow for a prompt start

13:00-13:05 *Introduction to the workshop* – Sandy Harrison (Reading)

13:05-13:20 Daniel Gallagher (with Daniele Colombaroli, Sandy P. Harrison, Jay Mistry): *Using RPD data to reconstruct Holocene fire regimes in the Neotropics*

13:20 -13:35 Luke Sweeney (with Marc Vander Linden, Sandy P. Harrison): *Using RPD data to examine the relationship between people and fire regimes during the Holocene in Iberia*

13:35-13:50 David Kesner (with Sandy Harrison, Colin Prentice, Patrick Bartlein): *Approaches to identifying and characterising regional fire regimes.*

13:50 -14:05 Martin Girardin (with Cecile Remy). *Reconstructions of area burned in boreal Canada during the Holocene using palaeoecological data and a dynamic vegetation model*

14:05–14:20 Yicheng Shen (with Luke Sweeney, Mengmeng Liu, Jose Antonio Lopez Saez, Sebastián Pérez-Díaz, Reyes Luelmo-Lautenschlaeger, Graciela Gil-

Romera, Dana Hoefer, Gonzalo Jiménez-Moreno, Heike Schneider, I. Colin Prentice, Sandy P. Harrison): *Pollen-based reconstructions of burnt area*

14:20-14:35 Paul Lincoln (with Matt Forrest, Jed Kaplan, Chao Yue, Sandy P. Harrison): *Using RPD data to evaluate model simulations of the Last Glacial Maximum*

14:35–14:50 Sandy Harrison (with Fang Li, Paul Lincoln): *Using RPD data to constrain estimates model-based estimates of future fire-related emissions*

14:50-15:00 Break

15:00–16:00 Discussion

16:00 END

Days 2 and 3 will be general discussion