



JULES Fire Module update

Chantelle Burton (Met Office) & Doug Kelley (UKCEH)
Fire module leads



UK Centre for
Ecology & Hydrology

Highlights this year



- Hosting INPE scientists Maria Lucia Ferreira Barbosa & Renata Moura da Veiga Feb-Aug. Igor José Malfetoni Ferreira & Ana Nascimento also planning work / visits
- Fire Conference “Progress in Fire Modelling in the UK and Europe”, 10th Jan
- Leverhulme Wildfires Summer Conference, 25th July
- SMC Media Briefing, Aug



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



A state of emergency is in effect on the island of Rhodes. EPA-EFE/Damianidis Letteris



Work in progress



- Exeter University / ESA work on prognostic fires & carbon budgets
- Katie Blackford – peat fires
- Fire model evaluation & uncertainty (See Doug’s talk tomorrow)
- Human Agency Modelling (See Ol’s talk tomorrow)
- MaxEnt for fire drivers (See Maria’s talk tomorrow)
- Prescribed burning in Cerrado (see Renata’s talk tomorrow)
- ISIMIP attribution and future projections – (see BOG & Chantelle’s talk)
- Fire & optimisation for UKESM 2.0 - Chantelle Burton, João Teixeira, Doug Kelley, Eddy Robertson
- Anything else? Please let us know!

How do you use fire models?

Help us collect good practices for using global fire model outputs



Interview

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Questionnaire

<https://forms.gle/ct5EV5MtdWQpgiXUA>



Jamboards

https://jamboard.google.com/d/1airwbvhyAzmlGsSKNEPB_FUKUQ-mZwQsllnztfDlkilw/edit?usp=sharing