





The UK wildfire research landscape

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Institution of Fire Engineers RE13, Fire Services College, Moreton-in-Marsh, 14 Nov 2013

Improving management of UK wildfire through knowledge exchange

Structure of session

- 1. Context: Knowledge for Wildfire project
- 2. Researcher survey: aim, methods, results, what next



Moorland: Harbottle, Northumberland April 2007

Rural-urban interface: Upton Heath, Dorset, June 2011







KfWf project aims

- To maximise the use of existing NERC-funded research and promote mutually beneficial new research and KE projects on wildfire; improve the evidence base for managing wildfire risk in the UK
- To assist the management of wildfire risk in the UK at all stages from prevention to response and recovery



Who we are

http://kfwf.org.uk/about/staff/



Julia McMorrowIoanna (JKE Fellow,AdministKfWf project leaderassistant



Ioanna (Jo) Tantanasi Administrative assistant



Gareth ClayCommunications
officer

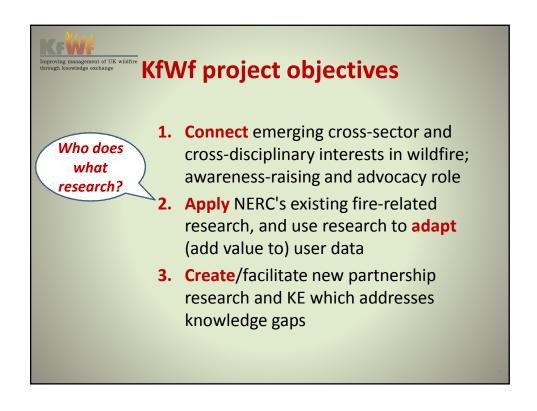
Steering Group http://kfwf.org.uk/about/steeringgroup/

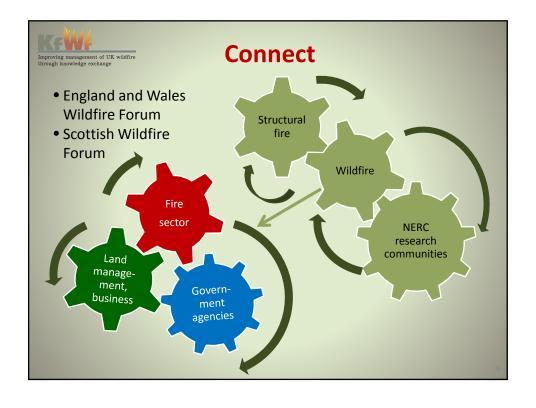
Paul Hedley CFOA Wildfire Group

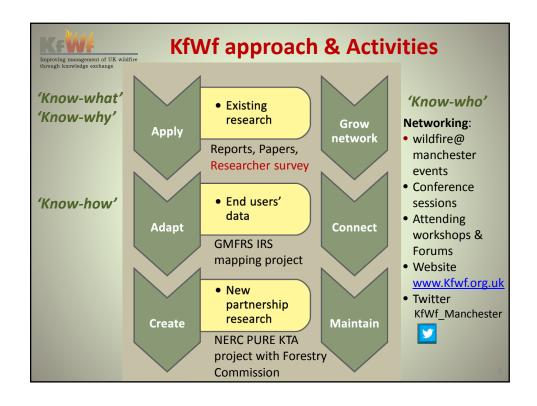
Steve BarnesCivil Contingencies Secretariat, Cabinet OfficePhil PhilippouResilience and Emergencies Division, DCLG

Jonathan Aylen Manchester Business School

Simon Thorp The Heather Trust









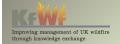


Motive and Aim

Practitioners and policy-makers require evidencebased decisions, but don't know who to go to.

Aim: to ascertain the UK's current research capability on vegetation fire, including strengths and knowledge gaps

- 'Who Does What' survey of UK researchers working on vegetation fire, starting with environmental and physical science academics
- For KfWf website; dynamic, open -- invite others in the wildfire community to contribute



Method

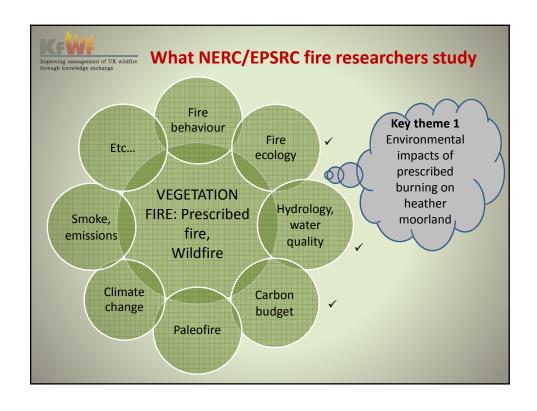
- 1. Knowledge gaps from FIRES seminar series policy brief (2010). Delphi process
- 2. Living With Environmental Change (LWEC)'s Envirobase → £4 M fire-related research projects
- 3. Email survey of 22 key contacts. Replies or on behalf of 20 the 22 researchers contacted, from 11 of the 15 universities.

Researchers were asked:

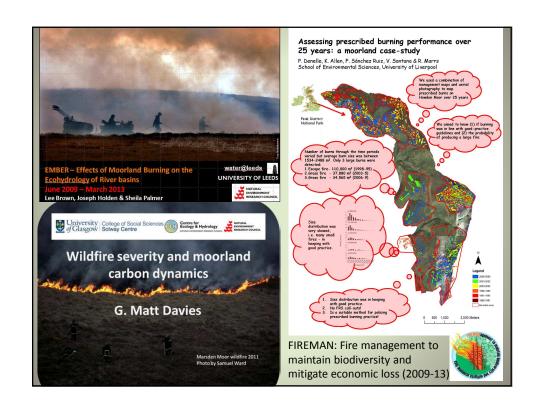
- To provide a brief outline of their research;
- To suggest ways in which the two wildfire stakeholder forums (England and Wales Wildfire Forum (EWWF), and Scottish Wildfire Forum) might interact with or support their work

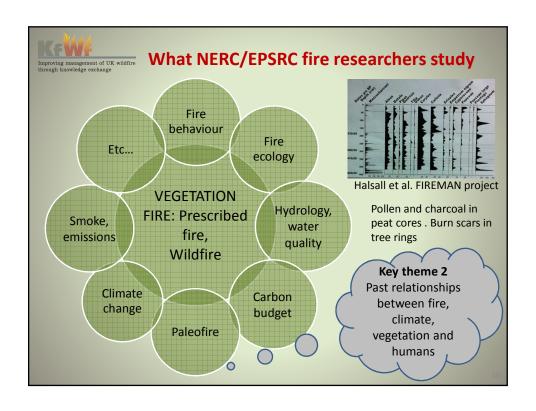
Analysed responses → keywords → Draft research capability matrix

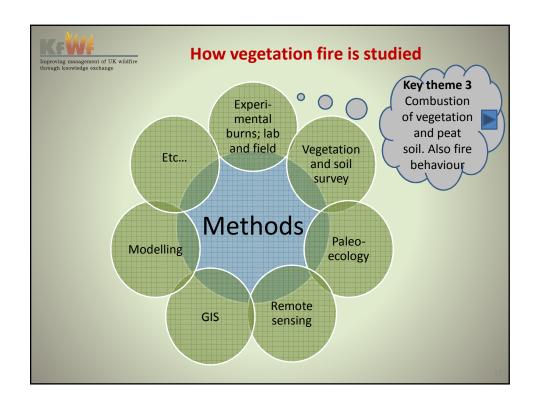
4. Extending survey through KfWf. Asking researchers for a 'taster' slide, which will be linked to the matrix.

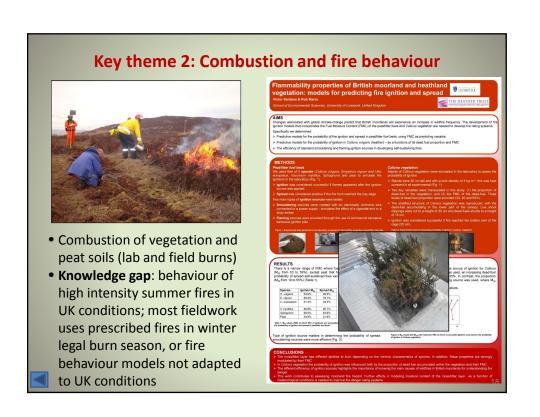


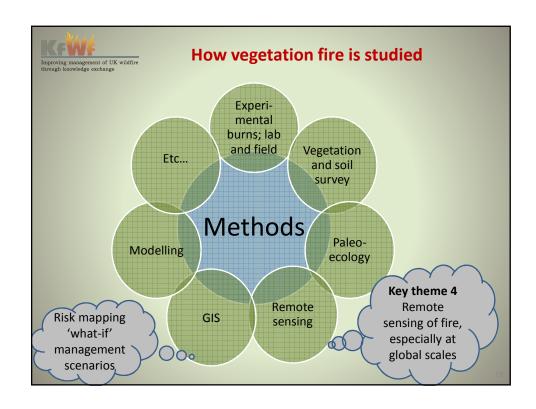


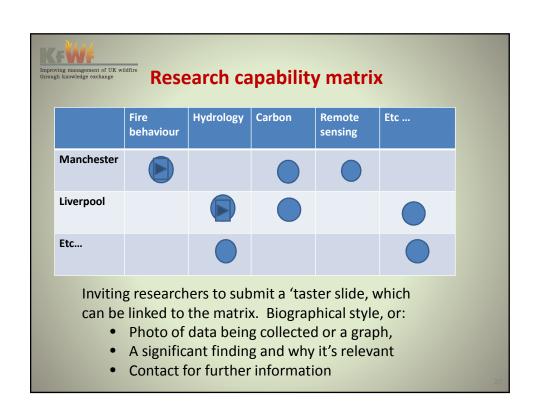


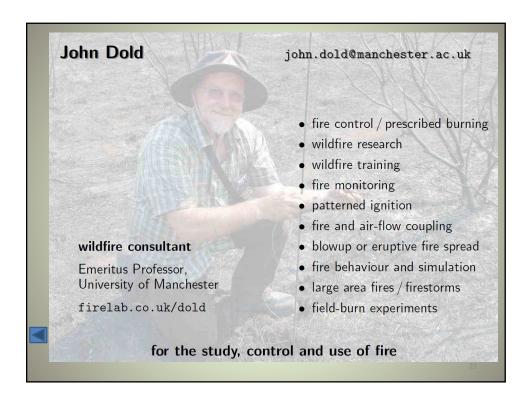


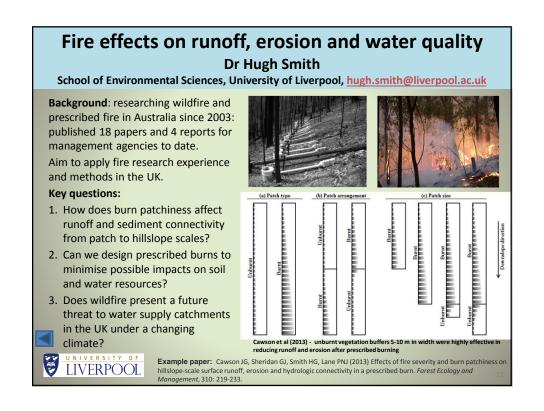














Where next

- Continue to contact researchers identified from LWEC survey and networking
- Invite feedback on the draft matrix, including keywords used
- Publish on KfWf website. Disseminate to practitioners and policy-makers via Fire Forums, etc.
- · Dynamic, will evolve as others add data

Ideally:

- Invite a wider range of other institutions and scientists to contribute, including social scientists
- Extend to UK-based researchers working internationally,
- Deeper analysis, e.g. social network analysis (who works with who)







Thank you for listening

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