

BHS National Meeting

Natural Flood Risk Management : Does it work?

Wednesday 24 Apr 2019

George Fox Building, Lancaster University

Recent years have seen the introduction of a range of landscape interventions to help mitigate the level of flood risk upstream of flood-affected communities by emulating natural phenomena – so called Natural Flood Management (NFM). The strength of evidence for the effectiveness of each type of intervention or group of interventions in the landscape often remains incomplete or debated. With this meeting the British Hydrological Society seeks to present some key findings from the previous and ongoing science, and highlight where further research is needed. We encourage participation by researchers, including early career scientists, and those interested in which types of NFM intervention may be most effective at their localities given the uncertainties and risks. We encourage open debate and informal discussions throughout.

Programme

- 09:00-09:30 Badge collection etc.
- 09:30-10:30 [Short presentations on posters](#)
- 10:30-11:00 [Coffee break / poster session](#)
- 11:00-11:30 **Lydia Burgess-Gamble (Environment Agency)** Working with nature to reduce flood risk – what’s stopping us?
- 11:30-12:00 **Martin Evans (University of Manchester)** Optimising NFM benefits from peatland restoration
- 11:30-12:00 **Simon Dadson (University of Oxford)** A restatement of the scientific evidence for natural flood risk management in the UK
- 12:30-13:30 [Lunch break / poster session](#)
- 13:30-14:00 **Jo Clark (Reading University)** To be confirmed
- 14:00-14:30 **Trev Page and Nick Chappell (Lancaster University)** Forgotten heroes : interception and infiltration
- 14:30-15:00 [Tea break / poster session](#)
- 15:00-15:30 **Megan Klaar (University of Leeds)** Community-led data collection to address the NFM evidence gap - a Yorkshire case study
- 15:30-16:00 **Keith Beven (Lancaster University)** Assessing the impacts of NFM: A real opportunity for improving hydrological modelling practice

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- 16:00-16:30+ **NFM demonstrations**
16:30-18:00 Guestroom check-in (for those opting to stay)
18:00-19:30 Group meal (for those opting to stay for field-visit)

Posters and field day (25th April 2019)

All attendees have the option to bring a poster (up to A1 portrait/landscape size) on your NFM research or implementation, and we will make time for others to see and discuss your work (including via an optional 5-min oral presentation at the start of the day). The keynote presentations will be from 11am to 4pm, but there will be activities from 9am, for those able to join earlier. For those registering to attend the BHS meeting on Wed 24th April 2019, there will be an option to join a free field day in Cumbria on the following day (transport provided, with return to campus by 3pm) to continue your discussions while looking at flood-affected sites with NFM interventions and/or monitoring.

Who should attend?

Researchers, practitioners in government or private sector, flood action groups, environmental organisations and farmers implementing NFM, are all most welcome to attend. The meeting charge (covering venue hire, lunch, refreshments and parking) has been kept small to encourage inclusion of all groups/individuals. This is possible because of additional support from the UKRI Natural Environment Research Council's national NFM research programme.

Registration

If you would like to attend, please go to the meeting webpage:

<https://www.lancaster.ac.uk/lec/graduate-school/professional-training/natural-flood-risk-management/>

and click the link to register/pay for your attendance at the BHS NFM meeting on 24th April 2019 before 10th April 2019 deadline. You will be asked to login to the official Lancaster University secure online payment system, and then asked to provide some basic information (e.g., dietary requirements, poster title if you would like poster-board space, the option of joining the field-day on 25th etc.), before making the payment. The online-only payment is £30, unless you are a British Hydrological Society member or university/college student where the payment is £20. For those who wish to stay for the field day, you may like to stay in a guest room on the Lancaster University campus (see link on meeting website)

Nick Chappell, Lancaster University and British Hydrological Society
n.chappell@lancaster.ac.uk

