



*Photo by Lindsey McEwen*

# Centre for Floods, Communities and Resilience

The Centre for Floods, Communities and Resilience (CFCR) focuses on researching and promoting community resilience to floods and other extreme weather.

**Our mission is to promote resilient futures through a world class programme of interdisciplinary research on floods, communities and weather extremes.**



*Photo by Trevor Goodhew*



Photo by William Morris, Deerhurst

The mission is achieved through our portfolio of world class research, knowledge exchange and co-generation, science communication, community engagement and training for decision makers. Work of the Centre embraces local, national and international perspectives on risk management and climate change.

### We aim to:

- Undertake excellent research that has demonstrable impact beyond academia.
- Create synergies and innovations in interdisciplinary thinking about communities and resilience.
- Engage, exchange expertise, and empower, all stakeholders in flood risk and extreme weather management including communities, stakeholders from public, private, voluntary, and community sectors, and institutions to develop effective inter-agency responses to risk management.
- Work with, and for, our local communities at risk of flooding in Bristol and in the Severn catchment; and to cascade our research focus to communities engaged with flood risk and extreme weather issues in the UK and internationally.
- Explore novel and creative opportunities in flood risk and extreme weather management including new participatory methodologies so providing evidence for high to local level policy and decision making.
- Act as a hub to promote multi-stakeholder discussion around strategy and practice. The Centre collaborates with a wide variety of key partners including communities, policy makers, expert practitioners, academics, learned institutions, research councils and organisations concerned with the development of sustainable and resilient communities, building on its extensive networks throughout the UK and internationally.

We are currently working on research projects on flooding and drought funded through UK Research Councils, DEFRA and the Government of Nigeria (see our website [www.uwe.ac.uk/cfce](http://www.uwe.ac.uk/cfce))

## UWE Bristol's expertise

We are particularly interested in research at the interstices of these four thematic areas:

### Stakeholder/community development and resilience

- Preparedness and adaptation
- Flood recovery and resilient communities
- Property and community level flood and drought adaptation
- Community flood, drought and water education
- Planning flood receptive neighbourhoods
- Interaction of flood policy and governance with communities
- Capacity building for stakeholders in community flood risk management

### Policy and Governance

- Insurance
- Flood risk management strategies
- Institutional structures
- Funding mechanisms
- Localism
- Regulatory frameworks
- Community lead adaptation planning
- Issues of compensation
- Property rights aspects of flooding and flood management
- Compulsory purchase
- Flooding and environmental regulation

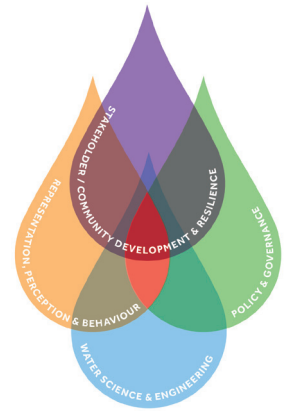
### Water Science and Engineering

- The flood-drought continuum
- Flooding and integrated water management
- Catchment processes
- Changing risk
- Human intervention and climate change
- Complexity and uncertainty
- Prediction
- Assets and defences
- Management of property
- Non-structural approaches (including natural flood management)
- Sustainable Drainage Systems (SUDs)
- GIS applications

### Representation, Perception and Behaviour

- Psychology of risk
- Risk perception
- Memory and place
- Memory, knowledge and resilience

Our cross cutting themes include integration of different knowledges, interaction of science and narrative, scaling up and down from the local, water education and science communication.







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## What we offer

We currently deliver FdSc and BSc programmes in River and Coastal Engineering, which train the next generation of River and Coastal Engineers for the Environment Agency and Local Authorities in the United Kingdom.

We welcome applications for research degrees (MPhil; PhD) in the thematic areas mentioned above and the following postgraduate courses:

- MRes in Architecture, Design and the Built Environment  
<http://courses.uwe.ac.uk/K9011/2016>
- MRes (Flooding), MRes (Water Management), MRes (Geography and Environmental Management)  
<http://courses.uwe.ac.uk/F8101/2016>
- MSc/Postgraduate Diploma Environmental Consultancy  
<http://courses.uwe.ac.uk/F90012/2016>
- MSc/Postgraduate Diploma Environmental Management (Water or Applied GIS)  
<http://courses.uwe.ac.uk/F1N21/2016>
- MSc Sustainable Development in Practice  
<http://courses.uwe.ac.uk/F8NA1/2016>

We can provide bespoke training and CPD aligned to our research themes. This can be based at UWE Bristol or undertaken as in-house training internationally.



*Photo by Jessica Lamond*



*FEMA News Photo*

## Contact

If you would like to know more about the services of CFCR, please contact us at:

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**Twitter: @CFCR\_UWE**