

OCWR

Oxford Centre for Water Research

Hosted by:

School of Geography & Environment
Environmental Change Institute



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Objectives

Address critical issues in water science, law, policy and management through integrated natural and human scientific approaches

Disciplinary experts...undertaking cross-disciplinary research

Collaborating Departments

- Geography & Environment and ECI
- Earth Sciences
- Department of Engineering Science
- Atmospheric and Oceanic Physics
- International Development (Queen Elizabeth House)
- Institute of Archaeology
- Centre for Socio-Legal Studies



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Research Themes

- Managing Extremes - Water Scarcity and Floods
- Climate Change and Adaptation
- Managing Water Quality and Ecosystems
- Water Governance, Economics and Law
- Water Management and Policy



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Expertise & Interests

- Mike Edmunds (Geochemistry and Groundwater)
- Rachael McDonnell (Policy, Governance, Mid. East)
- Sarah Whatmore (Environment and Society)
- Rob Hope (Development, Societal Choice, Markets for Ecosystem Services)
- Caroline Sullivan (Policy, Vulnerability Metrics, Economics)
- Mark New (Climate Change, Adaptation in Water Sector)
- Ana Russell (Water Law, Human Rights)
- Dr David Johnstone (Sanitation / Treatment)
- Michael Rouse (Governance & Regulation)
- Edmund Penning-Rowsell (Flood Risk/Management)



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Example Research Projects

- Environmental Knowledge Controversies and Flood Risk Modelling (RELU: NERC/ESRC/BBSRC) - Sarah Whatmore
- Climate Change and UK Water Management (EA) - Mark New
- Groundwater renewability in arid and semi-arid regions (UNESCO/IAEA) - Mike Edmunds;
- Multiple Water Use Systems for Poverty Reduction (World Bank/Water & Sanitation Programme) - Rob Hope
- Ground truthing water stress from global models at the river basin scale (QUEST/NERC) - Caroline Sullivan
- Water Quality Standards in India (World Bank) - Michael Rouse
- The International Right to Water (UNDP) - Anna Russell



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