

CONFERENCE PROGRAMME

Thursday 24 November 2016	
08.30	Registration & tea, coffee
09.25	Welcome
09.30	Policy Briefing – Water, hazards and risk: societal challenges from a policy perspective Professor Ian Boyd, Chief Scientific Adviser to Defra
10.00	Panel discussion and Q&A
10.45	Tea & coffee break
11.05	Risk, uncertainty and the Bow Tie Method of understanding risk Sarah Gordon, Satarla Risk Management
Session 1: Water: a resource and a hazard	
11.30	Keynote: Long term water resources – a challenge and an opportunity for the water industry Sarah Mukherjee, Water UK
12.10	Risks to water supply and quality associated with overexploitation of groundwater resources Kevin Hiscock, University of East Anglia
12.35	Risks of novel groundwater treatments: Lessons from nano remediation Paul Nathanail, Land Quality Management Ltd & University of Nottingham
13.00	Lunch
14.00	Too little, too much or both? UK hydrogeological hazards. Andrew McKenzie, British Geological Survey
Session 2: Environmental change	
14.25	Keynote: Challenges and opportunities for evidence-based improvements in flood resilience Rob Lamb, Lancaster University & JBA Consulting
15.05	Tensions and Complementarity in the Water-Energy Nexus Charlotte Adams, Durham University
15.30	Tea & coffee break
15.50	Ground instability, land use and the impact of historic chalk mining; add water for “the perfect storm”. Lessons from the St Albans Sinkhole Collapse, October 2015 Paul Eastwood, Opus International
16.15	Drinking Water Security – risk-based decision making for communities to reduce disaster risks and increase resilience to climate change. Clive Carpenter, GWP Consultants
16.40	Sinkholes, Man-Made Earthquakes and Weather Peter Styles, Keele University
17.05	Discussion session
17.30	Drinks reception

Friday 25 November 2016

Session 3: Working with risk: Intervention, management, mitigation and strategy

09.00	Keynote: Water, Risk and the Railway: A Ground Engineer's Perspective Jennifer Cooke, Network Rail
09.40	Quaternary geological ground models for the reduction of engineering risk David Giles, University of Portsmouth
10.05	How to link Academia and the Re(In)surance Industry to mutual benefit Dickie Whitaker, Lighthill Risk Network & Oasis Loss Modelling Framework
10.30	Tea & coffee break
10.50	Corporate water risk and stewardship. Its current status and future potential Peter Easton, Easton Water Consulting
11.15	Mining and water conservation Katie Hill, Hatch
11.40	The Role of Groundwater in Risk from Flooding in England: Methodologies, analysis and preliminary findings Paul Ellis, Geosmart Information and Mark Fermor, ESI Consulting
12.05	Accounting for Residual Uncertainty in flood and coastal risk management Fola Ogunyoye, Royal HaskoningDHV
12.30	Lunch & Bow Tie Method Exercise
Session 4: Effective communication and improving public understanding and perception of risk	
13.45	Keynote: Are Catastrophe models converging on reality or is reality slipping away? Robert Muir-Wood, Risk Management Solutions
14.25	Communicating Uncertainty: The Language of Risk and Climate Change Alison Anderson, Plymouth University
14.50	Rivers Underground: persistent public conceptualisations of water in the geological subsurface and how that can impact on communications. Hazel Gibson, Plymouth University
15.15	Tea & coffee break
15.35	Investigating Tsunami Evacuation Strategies to Reduce the Risk to Life in Menorca Oliver Lindridge, Kingston University
16.00	Discussion Session Report back on the Bow Tie Activity Discussion session: Outputs and recommendations to policymakers
17.00	Closing remarks & close of conference

Posters

Assessing and comparing inherent hydrogeological suitability of three UK sites for radioactive waste disposal

Emma Hipkins, University of Edinburgh

Accra Floods: Managing uncertainty in a changing world (Ghana)

Andy Mensah-Bonsu, A.M. Bonsu Engineering, Ghana

Flood Risk to UK Railways: Remote Sensing and Parametric Catastrophe Bonds

Conor Meenan, Senior Analyst, Risk Management Solutions