

CONFERENCE: DAY 1 / TUESDAY 20TH MARCH

PLENARY SESSION SHARED OWNERSHIP AND ACTION

● Ludlow Room 3

WELCOME: **Clare Dinnis**
Flood & Coast Advisory
Committee Chair, Deputy
Director FCERM
Environment Agency

What is our vision for flood and coastal risk management and how can we strengthen partnerships?

TIME	SPEAKERS
09.15	Sir James Bevan , Chief Executive, Environment Agency
10.45	Jeff Lindner , Director Hydrologic Operations Division, Harris County Flood Control District, Houston
	Martin Harper , Global Conservation Director, RSPB
	Sir John Armitt , Chairman, National Infrastructure Commission

FLOOD & COAST RISK MODELLING

● Ludlow Room 3

CHAIRIED BY:



Jon Wicks
Global Practice Leader, Flood
Modelling and Analysis
Jacobs

What are the latest developments in flood and coastal risk modelling? What can we learn from and share with others?

TIME	SPEAKERS	PRESENTATION TITLE
11.15	Bill Syme , Senior Principal, BMT WBM Pty Ltd	How wrong is your flood model?
12.45	James Cheetham , Senior Analyst, JBA Consulting	Updating The National Reservoir Flood Maps (Planning and Response)
	Christopher Skinner , Flood Resilience Research Fellow, University of Hull	Impacts of combination hazards on estuarine infrastructure
	Mike Dobson , Associate – Flood Resilience, Arup	When the flood comes, will we cope? The holistic integrity test
	Iris Moeller , Coastal Research Unit, University of Cambridge	Innovative technologies and new evidence for nature based solutions to coastal challenges

WORKSHOP: BREAKING NEW GROUND INVESTING FROM A FUTURE PERSPECTIVE

● Newport Room

CHAired BY:



Steven Trewhella
Director, Rivelin
Bridge and Chair
UK Flood Partnership

TIME	SPEAKERS	
11.15 12.45	Tony Rachwel , Director, UK Water Partnership	<ul style="list-style-type: none"> The Global Risk Report 2018, World Economic Forum, places extreme weather events, natural disasters, and failure of climate-change mitigation and adaptation as the top 3 risks to our world by impact on people, places and the economy. In a world that is seeking solutions, what is our UK competitive advantage? What is the global market opportunity? And what is the 'Moonshot' for our industry? Join us to explore what new ground we can break together to address UK and global 'water-flood-coastal' challenges.
	Jonathan Abra , Knowledge Transfer Manager, Innovate UK	
	Simon Gardner , Joint Head of Innovation Programmes and Partnerships, Natural Environment Research Council (NERC)	

PARTNERSHIP AND PLACE – FCERM SCHEME DELIVERY

● Ludlow Room 1

CHAired BY:



Julia Beeden
Flood Risk and Biodiversity
Business Manager
Cambridgeshire Council

Putting people and place at the heart of partnership decisions. How are we making flood and coastal schemes responsive to the needs of communities and local economies?

TIME	SPEAKERS	PRESENTATION TITLE
11.45 13.15	Vicky Lutyens , Chief Environmental Scientist, GBV	Handing over design to the public: did it make a difference?
	Katarzyna Wysocka , Local Flood Authority Manager, Luton Borough Council David Harding , Customer & Stakeholder Manager, Thames Water	We've got it all - learning the integrated flood risk management
	Richard Cox , Environment Agency Lawrence Jones , BMMJV	Partnership working at Dawlish Warren beach management scheme
	Rob Goodliffe , Coastal Manager, CPE/ North Norfolk Council Mark Johnson , Area Coastal Manager, Environment Agency Gokhan Doygun , Commercial Advisor, Shell	Public and private sector partnership working to deliver the Bacton sandscaping project
	Hugh Fell , River Engineer, Jacobs Rachel Kelly , Project Executive, Environment Agency	The challenge of flood risk management in constrained urban environments: Perry Barr and Witton
	Melissa Mahaver-Snow , Project Manager, Natural Resources Wales George Baker , JBA Consulting	Not just a flood risk management scheme - Crindau, Newport

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RESILIENT INFRASTRUCTURE – CROSS SECTOR COLLABORATION

● Ludlow Room 2

CHAired BY:



Will McBain
Associate Director
Arup

How are critical infrastructure operators managing flood and coastal risk? How are we working across sectors and what are the opportunities for the future?

TIME	SPEAKERS	PRESENTATION TITLE
11.45 13.15	Mike Gallop , Director Route Safety & Asset Management, Network Rail	Innovative management of coastal erosion for critical rail infrastructure
	Anthony Fernihough , Profession Head (Pumps and Drainage), London Underground Ltd	London Underground comprehensive review of flood risk stakeholder engagement
	Ian Hodge , Deputy Director FCRM Investment & Delivery Assurance, Environment Agency	Building a resilient future: Infrastructure Industry Innovation Portal (I3P)
	Michael Whitehead , South & East Team Leader-Environment, Highways England	Managing flood risk on the Strategic Road Network
	David Riley , Chair of Infrastructure Working Group, Green Construction Board	The carbon story – interested in saving money?

WORKSHOP: FCERM NATIONAL STRATEGY WORKSHOP – IMAGINE THE FUTURE, BE PART OF THE SOLUTION

Workshop hosted by Icarus Consultants on behalf of the Environment Agency

● Newport Room

TIME	
14.30 16.00	<ul style="list-style-type: none"> An opportunity for you to get involved in shaping the future management of flooding and coastal change in England. What should it look like in 2050 and how might we get there?

INVESTING IN FCERM – NEW AND INNOVATIVE APPROACHES

● Ludlow Room 1

CHAired BY:



Andrew Sissons
Deputy Director Economics & Social Science
Environment Agency

Investment in flood and coastal risk management delivers many benefits. How can we value these better and show the opportunities for broader partnerships?

TIME	SPEAKERS	PRESENTATION TITLE
14.45 16.15	Paul Wyse , National Effective Business Engagement Lead, Environment Agency	Can I persuade you flood resilience makes good business sense?
	Gregory Smith , Project Manager, Environment Agency	Partnership approach to catchment management
	Paul Mackie , Strategic Funding Manager, Coastal Partnership East Anusha Shah , Director, Jacobs	Funding the unfundables: long-term solutions for delivering multi-benefit FCERM infrastructure
	Harry Walton , Economics Manager, Environment Agency	New methods for valuing the benefits of FCRM
	Robin Campbell , Associate, Arup	Opportunities and challenges delivering coastal risk management projects in Wales

NATURAL FLOOD MANAGEMENT

● Ludlow Room 2

CHAired BY:



Claudia Chambers
Manager
Land Coast & Water
Natural England

What are the next steps to mainstreaming natural flood management? What can we learn from implementation on the coast and at the catchment scale?

TIME	SPEAKERS	PRESENTATION TITLE
14.45 16.15	Claire Johnstone , Economics Manager, Environment Agency Jon Hollis , NFM, Programme Manager, Environment Agency	Mainstreaming natural flood management
	Nigel Pontee , Coastal Planning and Engineering Lead, Jacobs	Working with natural processes on our coasts
	Barry Hankin , Head of Environmental Modelling, JBA Consulting	Uncovering uncertainty: easy visualisation and decision-support analytics for catchment scale flood mitigation strategies
	Jonathan Simm , Chief Technical Director, HR Wallingford	Green approaches in river engineering: supporting implementation of green infrastructure
	Rebecca Roberts , Cambridgeshire Council David Johnson , The Rivers Trust	New tools to help LLFA's with consenting, designing and delivering NFM
	Michael Norbury , NFM Manager, The Mersey Forest	Natural flood management: practical steps to delivering catchment-scale solutions

RESILIENT INFRASTRUCTURE – WATER

● Ludlow Room 3

CHAired BY:



Grant Batty
Head of Regulatory Performance and Assurance
Severn & Trent Water

Learn what actions the water industry is taking to manage flood and coastal risk and ensure critical infrastructure is resilient and which partnerships are helping them do this.

TIME	SPEAKERS	PRESENTATION TITLE
14.45 15.45	Ronan Palmer , Director Strategy & Planning, OFWAT	Securing resilience in the water industry for 2020 and beyond
	Brendan McAndrew , Principal Consultant, Stantec	Building resilient water and wastewater services
	Jonathan Glerum , Regional Flood Risk Manager, Anglian Water	Understanding which assets are critical, and how to protect them
	Tim Smith , Flooding Analyst, Severn Trent Water	Working in partnership to reduce flood risk: experiences of a water company putting theory into practice
	Jonathan Hunter , Senior Advisor Flood Risk management, Environment Agency	Strategic overview of flooding and the environment: regulation and partnership with the water industry

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COASTAL FLOOD RISK MODELLING

● Ludlow Room 3

CHAIRER BY:



Nick Hardiman
Senior Coastal Advisor
Environment Agency

What are the latest developments in evidence, modelling and technology to inform coastal risk management?

TIME	SPEAKERS	PRESENTATION TITLE
16.15 17.45	Ivan Haigh , Associate Professor in Coastal Oceanography, University of Southampton	Lessons learnt from examining 100 years of coastal flood events around the UK
	Gareth Jenkins , British Geological Survey	Development of the British Geological Survey Coastal Vulnerability Index (CVI)
	Bridget Woods-Ballard , Principal Engineer, HR Wallingford	iCOASST: using morphological modelling to guide decision-making at the coast
	Heidi Roberts , Associate, ABP Mer	Sediment budget analysis: practitioner guide
	Gemma Carey , Environmental Scientist, Black & Veatch	Saltmarsh recharge by beneficial use of dredged material as an effective approach to coastal protection
	Chloe Morris , PhD student, University of Hull	Modelling the impacts of sea level rise on coastal morphodynamics

WORKSHOP: DELIVERING THE FCERM CAPITAL PROGRAMME

● Newport Room

CHAIRER BY:



Phil Younge
Deputy Director
Environment Agency

This session will explore how the Environment Agency is evolving its approach to delivering its FCERM capital investment programme by working more collaboratively with its supply chain, both now and in the future.

TIME	SPEAKERS	PRESENTATION TITLE
16.15 17.45	Lance Dawkins , Technical Director, JBA Bentley	Anglian PDU success underpinned by proven programme delivery
	Marc Pinnell , Managing Director, JBA Consulting	Working with Risk Management Authorities to deliver schemes through Programme Delivery Units
	Stuart Newby , Contracts Manager, VolkerStevin	Partnership Working Skirting Beck and Whangs Beck: How did we do?
	Fay Bull , Regional Director, AECOM	How to build a collaborative team in 8 weeks and succeed
	Matt Clegg , Chief Environmental Scientist, GBV	Using a portfolio of projects to identify environmental opportunities
	Fabio Spaliviero , Regional Delivery Director, GBV	Right people, right skills, right place, right time
	Andy Wilkinson , Environment Agency	The next generation of supplier arrangements

DIFFERENT APPROACHES TO PARTNERSHIP WORKING

● Ludlow Room 1

CHAired BY:



David Jenkins
Chair
Wessex RFCC

Hear from evolving flood and coastal risk management partnerships about how they are delivering more than ever for people and communities.

TIME	SPEAKERS	PRESENTATION TITLE
16.45 17.45	David Mitchell , Senior Manager, Somerset Rivers Authority	A partnership approach to reducing flood risk
	Fran Comyn , Strategic Planning Manager, Rochdale Borough Council Zarina Martin , Project Manager, Environment Agency	Better relationships for better flood risk management delivery
	Ian Russell , Environment Agency & ADA	Public Sector Co-operation Agreements – efficient delivery through local partnerships
	Russell Rowley , Manager, Severn Gorge Countryside Trust John Bellis , Local Flood Risk Officer, Telford & Wrekin Council	Farm the flow partnership

INTERNATIONAL LEARNING

● Ludlow Room 2

CHAired BY:



Caroline Douglass
Environment
Agency

What can we learn from flood and coastal risk management across the world and how can we apply this to build resilience in the UK?

TIME	SPEAKERS	PRESENTATION TITLE
16.45 17.45	Graham Knott , Regional Director, AECOM	Total Catchment Management – is this the future? An international perspective
	Scott Hanckel , Assistant Commissioner, NSW State Emergency Service, Australia	The NFW state emergency service
	Francesca Hurt , Principal Flood Risk Consultant, AMEC Foster Wheeler	What we can learn from Caribbean style community engagement?
	Jeff Lindner , Director Hydrologic Operations Division, Harris County Flood Control District Houston	Panel discussion participant