

PLENARY SESSION TODAY'S INFRASTRUCTURE RESILIENT IN TOMORROW'S CLIMATE

● Ludlow Room 3

What action do we need to take to ensure the coastal and inland infrastructure people and places rely on is resilient in tomorrow's climate? How do we put resilient infrastructure at the centre of supporting sustainable growth?

WELCOME:



Sally Randall
Director Floods & Water
Defra

TIME	SPEAKERS
09.15 10.45	Emma Howard Boyd , Chair, Environment Agency
	Alison Baptiste CBE , Director Operations, Infrastructure & Projects Authority
	Benjamin Clayton , Head of Strategy, Homes England
	John Englander , Oceanographer and Sea Level Rise Expert
	Natalia Moudrak , Director, Intact Centre on Climate Adaptation (Canada)

IMPLEMENTING THE AMBITION OF THE 25-YEAR ENVIRONMENT PLAN FOR A CLIMATE RESILIENT SOCIETY

● Ludlow Room 2

CHAired BY:



Paul Cobbing MBE
Chief Executive
National Flood Forum

TIME	SPEAKERS	PRESENTATION TITLE
11.15 12.45	Jez Westgarth , National Adaptation & Resilience Manager, Environment Agency Dr Teresa Bridgeman , Chair, West Somerset Flood Group Aaron Barton , The Landscape Institute Phil Jones , Flood & Water Manager, Northamptonshire County Council Daniel Johns , Head of Public Affairs, Anglian Water	What does a climate resilient society mean to you, and what are the key features you would like to see in adapting our approach to increase resilience to natural hazards?
	Questions and workshop session	

FUTURE ASSET MANAGEMENT & INVESTMENT

Newport Room

CHAIRIED BY:



Ken Allison CBE
Director Allocation &
Asset Management
Environment Agency

TIME	SPEAKERS	
11.15 12.45	Paul Sayers , Principal, FAIR Consortium / Sayers & Partners	Adapting infrastructure assets in practice: facing up to future challenges
	John Dora , BSI & John Dora Consulting	ISO 14090 - the first ever ISO standard on climate adaptation
	Jonathan Simm , Technical Director, HR Wallingford	Transition zones: how to improve our flood defences resilience
	Mike Steel , FCERM Expert Advisor, Environment Agency	Long-term investment scenarios for climate change and population growth
	Alan Frampton , Deputy Global Technology Leader, Jacobs	Practical guidance on transfer and decommissioning FCERM assets

FLOOD RISK PROJECTS – ENABLING GROWTH AND REGENERATION

Ludlow Room 1

CHAIRIED BY:



Hannah Tankard
Programme Manager,
Business Emergency
Resilience Group (BERG)
Business in the Community

TIME	SPEAKERS	PRESENTATION TITLE
11.45 13.15	Simon Wilson , Senior Advisor, Environment Agency	Chester-le-Street flood alleviation scheme: de-culverting for flood mitigation, the economy and wildlife
	Jack Mason , Technical Director, Black & Veatch	Thinking beyond the River Thames floodplain - regional and infrastructure impacts
	Phil Marshall , Senior Advisor, Environment Agency	The Port Clarence and Greatham South flood alleviation scheme: protecting the industrial complexes and residential areas in the Tees Estuary
	James Prescott , Associate Technical Director, Arcadis	Between a rock and the deep blue sea: delivering resilient railway infrastructure for the Southwest between Parsons Tunnel and Teignmouth
	Helen Todd , Humber Flood Risk Manager, Environment Agency	Humber Strategy comprehensive review

A NATIONAL FCERM STRATEGY: 5 NATIONS PANEL – GROWTH, INFRASTRUCTURE & WIDER CHALLENGES

Ludlow Room 3

CHAIRIED BY:



Alison Baptiste CBE
Director of Operations
Infrastructure Projects
Authority

TIME	SPEAKERS	
11.45 13.15	Julie Foley , Director FCRM Strategy & National Adaptation, The Environment Agency	
	Jeremy Parr , Head of Flood & Incident Risk Management, Natural Resources Wales	
	Mark Adamson , Head of Flood Relief & Risk Management, OPW Ireland	
	Vincent Fitzsimons , Head of Flood & Hydrology, SEPA	
	Deidre Mackle , Director of Rivers, DfI	

IN CONVERSATION WITH NICK CRANE

● Ludlow Room 3



TIME	SPEAKERS
13.45 14.25	Nick Crane from BBC's Coast programme talking to Emma Howard Boyd, Chair of the Environment Agency.

COASTAL WORKSHOP - MAXIMISING OPPORTUNITIES FOR GROWTH AND REGENERATION

CHAired BY:



Bill Parker
Head of Coastal Partnership East
LGA Coastal SIG

● Ludlow Room 1

TIME	SPEAKERS	PRESENTATION TITLE
14.30 15.45	Lord Bassam of Brighton , Chair, House of Lords Regenerating Seaside Towns & Communities Committee	Shoring up the seaside economy
	Jacqui Cotton , Principal Scientist & Research Manager, Environment Agency	Mental health & the coast
	Paul Mackie , Strategic Funding Manager, Coastal Partnership East	Funding the challenges

Followed by workshop – lead facilitator Sharon Bleese, Coastal Partnership East.

- How can we ensure that the coast is an integral part of the national strategy?
- How can we better engage and empower communities?

PROJECT SOUNDBITES: PROTECTING 300,000 NEW HOMES – LESSONS LEARNED

CHAired BY:



Luke Lovell
Senior Supplier & Sales Operations Manager
Jacobs

● Newport Room

TIME	SPEAKERS	
14.30 15.45	John Dudley , Associate, Capita	Taking the catchment-wide modelling approach - what have we learnt? A case study from Kendal
	Robert Pearson , Contracts Manager, Team Van Oord	True collaboration for project success – Shoreham Adur tidal walls project
	Matt Walker , Senior Engineer, VBA (Atkins)	Ipswich barrier - value added through use of 3D design and BIM
	Ted Thomas , Project Team Manager, Environment Agency	Seeing through the fog of integrated flood risk in the North East
	Katherine Ibbotson , Carbon Planning Manager, Environment Agency	Progressing our cost and carbon journey
	Emily Hutchinson , Cambridgeshire Council	Protecting 300,000 homes - a local authority perspective

DELIVERING CLIMATE RESILIENCE THROUGH COLLABORATIVE PROJECTS

● Ludlow Room 2

CHAired BY:



Jim Hutchison
Business Development
Director
Balfour Beatty

TIME	SPEAKERS	PRESENTATION TITLE
14.45 16.00	Colin Taylor , FCRM Advisor, Environment Agency RTEM	Avonmouth Severnside Enterprise Area ecology mitigation and flood defence project
	Laura Kitson , Strategic Flood Risk Planning Manager, Environment Agency	Reducing flood risk through strategic scale growth - sharing experiences from the Oxford & Cambridge growth arc
	Michael Whitehead , South & East Team Leader Environment, Highways England	Highways England's collaborative approach to flood management producing multiple benefits
	Lee Pitcher , Head of Resilience, Yorkshire Water	A collaborative approach to resilience in Hull
	Rob Paris , Head of Sustainability & Consents, Crossrail	Crossrail project

PLANNING DEVELOPMENT AND FLOOD RISK

● Ludlow Room 3

CHAired BY:



Hazel Durrant
Head of Water & Floods
Defra

TIME	SPEAKERS	PRESENTATION TITLE
14.45 16.00	Steve Cook , Associate Director Water, AECOM	Using flood risk information for sustainable development and growth
	Fiona Hartland , Senior Analyst, JBA Consulting	Managing the cumulative impacts of development on flood risk through the planning system
	Vicky Boorman , Flood & Water Specialist, London Borough of Hillingdon	Securing flood risk management through planning and making it relevant to planners
	Graeme Kasselmann , North London Infrastructure Planning Head, Thames Water	The London strategic SuDS pilot study – a partnership approach to delivering surface water flood risk
	Bronwyn Buntine , Chair, ASA & Surface Drainage Team Leader, Kent County Council	Introduction to The Association of SuDs Authorities (ASA)
	Majdi Mansour , Groundwater Modeller, BGS	GeoRISE: Assessment of groundwater level rise under projected climate conditions

WOMEN IN FCERM – NETWORKING SESSION & AWARD PRESENTATION

● Atcham Suite

CHAIRIED BY:



Clare Dinns
Deputy Director Incident
Management & Resilience
Environment Agency

TIME	SPEAKERS
14.45 16.00	<p>Building on the successful launch of Women in FCERM at the 2018 conference, this session will bring together a range of women discussing their careers, experiences and advice in an informal networking session. The first Women in FCERM Awards will also be presented. Open to men and women.</p> <p>Panel session including: Jonathan Glerum, Regional Flood Risk Manager, Anglian Water Ken Allison, Director of Allocation and Asset Management, Environment Agency Lynne Frostick, EA Board Member Dr Teresa Bridgeman, Chair, West Somerset Flood Group</p>

EXPLORING HOW WE COULD PAY FOR FLOOD RISK MANAGEMENT IN THE FUTURE

● Ludlow Room 1

CHAIRIED BY:



David Jenkins
Wessex RFCC

TIME	SPEAKERS	PRESENTATION TITLE
16.15 17.45	Rob Taylor , Environment Agency	Economic growth and funding the River Thames Scheme
	Helen Dunn , Associate Director, Simetrica	Driving social equity through FCERM investment
	Ben Murray , Associate Director, WSP	Exploring the present and future of FCRM investment decision-making - redefining the funding mechanism?
	Daniel Johns , Head of Public Affairs, Anglian Water	The future of partnership funding
	Andrew Tagg , Technical Director, HR Wallingford	International examples of private funding and financing of FCERM
	Andrew McLachlan , Chief Executive, Ouse and Humber Drainage Board	Public Sector Agreements - reducing costs, delivering more

THE HIDDEN SYSTEM – DELIVERING EFFECTIVE WATER DRAINAGE INFRASTRUCTURE

● Newport Room

CHAired BY:



Chris Giles
Head of Customer
Network Operations
Severn Trent Water

TIME	SPEAKERS	
16.15 17.45	Jonathan Glerum , Regional Flood Risk Manager, Anglian Water	More, better, faster - delivering sustainable housing growth and strategic infrastructure
	Katy Wright , Senior Engineer, Atkins	Resilient infrastructure for the future economy
	Alison Ball , Associate Director, Arup	Exploring an innovative approach to partnerships using urban water infrastructure assets to deliver enhanced social and environmental value
	Vicky Farwig , Flood Co-ordinator, Wessex Water	The pipeline to resilient drainage and wastewater infrastructure in Wessex
	Steena Nasapen-Watson , Planning & Performance Manager, Northumbria Water	Northumbria Integrated Drainage Partnership - right mindset, right people, right direction, right solution

NATURAL ENVIRONMENT – EMBEDDING AND REALISING THE BENEFITS OF IMPROVING OUR NATURAL INFRASTRUCTURE

● Ludlow Room 2

CHAired BY:



Julia Beeden
Business Manager Flood
Risk & Biodiversity
Cambridgeshire County
Council

TIME	SPEAKERS	PRESENTATION TITLE
16.30 17.45	Mark Boothroyd , Principal Landscape Architect, Black & Veatch	Burton FRMS and the Trent washlands - the key to unlocking value
	Heidi Burgess , Principal Lecturer, University of Brighton	Lessons from a dynamic coastal realignment after 5 years
	Jenny Broomby , Research & Sustainability Assistant, JBA Consulting	Facilitators and barriers to the delivery of natural flood management
	Monica Barker , Senior Environmental Scientist, Atkins	Natural capital based decision-making in urban and rural contexts
	Hamish Hall , Director Head of Water Specialisms, WSP	Moving the River Taw - long term protection for valuable infrastructure
	Ian Pattison , Lecturer, University of Loughborough	Natural flood management: current status and needs for the future