

WEDNESDAY 19TH JUNE (DAY 2) TODAY'S INFRASTRUCTURE RESILIENT IN TOMORROW'S CLIMATE

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?

Sessions in blue are free to attend and open to both exhibition visitors and conference delegates.

MORNING SESSIONS (0915-1315)

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

Speakers:-

- Alison Baptiste CBE, Director Operations, Infrastructure & Projects Authority
- Liv Garfield, Chief Executive Severn Trent Water
- Natalia Moudrak, Director, Intact Centre on Climate Adaptation (Canada)
- Tom Walker, Deputy CEO, Homes England

FLOOD RISK PROJECTS – ENABLING GROWTH AND RE-GENERATION

Chair: Hannah Tankard, Programme Manager, Business Emergency Resilience Group (BERG)

- Chester-le-Street Flood Alleviation Scheme: De-culverting for flood mitigation, the economy and wildlife – Simon Wilson, Senior Advisor, Environment Agency
- Thinking beyond the River Thames floodplain - regional and infrastructure impacts – Jack Mason, Technical director, Black & Veatch
- The Port Clarence and Greatham South flood alleviation scheme: protecting the industrial complexes and residential areas in the Tees Estuary – Phil Marshall, Senior Advisor, Environment Agency
- Between a rock and the deep blue sea - delivering resilient railway infrastructure for the Southwest between Parsons Tunnel and Teignmouth – James Prescott, Associate technical director, Arcadis

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

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

A NATIONAL FCERM STRATEGY SETTING OUT THE VISION TO 2100: FIVE NATIONS PANEL & WORKSHOP

Programme to be announced

HOW WOULD A STANDARDS-BASED APPROACH WORK FOR FCERM AND PUBLIC INFRASTRUCTURE?

- Adapting infrastructure assets in practice: facing up to future challenges – Paul Sayers, Principal, FAIR Consortium /Sayers & Partners
- ISO 14090 - the first ever ISO standard on climate adaptation – John Dora, BSI & John Dora Consulting
- Transition zones: how to improve our flood defences resilience – Marta Roca, Principal Engineer, HR Wallingford
- Long-term investment scenarios for climate change and population growth – Mike Steel, FCERM expert advisor, Environment Agency
- Practical guidance on transfer and decommissioning FCERM assets – Alan Frampton, Deputy global technology leader, Jacobs

AFTERNOON SESSIONS (1430-1745)

DELIVERING CLIMATE RESILIENCE THROUGH COLLABORATIVE PROJECTS

Chair: Jim Hutchison, Business development director, Balfour Beatty

- Avonmouth Severnside Enterprise Area ecology mitigation and flood defence project – Colin Taylor, FCRM Advisor, Environment Agency
- Reducing flood risk through strategic scale growth - sharing experiences from the Oxford & Cambridge growth arc – Laura Kitson, Strategic flood risk planning manager, Environment Agency
- Highways England's collaborative approach to flood management producing multiple benefits – Will Rogers, Technical director, AECOM
- A collaborative approach to resilience in Hull – Lee Pitcher, Head of resilience, Yorkshire Water

STRATEGIC FLOOD RISK ASSESSMENTS – SHARING BEST PRACTICE

- Using flood risk information for sustainable development and growth – Steve Cook, Associate Director Water, AECOM
- Managing the cumulative impacts of development on flood risk through the planning system – Fiona Hartland, Senior analyst, JBA Consulting
- Securing Flood Risk management through planning and making it relevant to planners – Vicky Boorman, Flood & water specialist, London Borough of Hillingdon
- The London strategic SuDS pilot study - A partnership approach to delivering surface water flood risk - George Warren, Project manager, Greater London Authority

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

Chair: Luke Lovell, Senior supplier & sales operations manager, Jacobs

- Public Sector Agreements - reducing costs, delivering more – Andre Mclachlan, Chief Executive, Ouse and Humber Drainage Board
- Taking the catchment-wide modelling approach - what have we learnt? A case study from Kendal – John Dudley, Associate, Capita
- True collaboration for project success – Shoreham Adur tidal walls project – Robert Pearson, Contracts manager, Team Van Oord
- Ipswich Barrier - Value added through use of 3D design and BIM - Matt Walker, Senior engineer, VBA(Atkins)
- Flood gate replacement: Lessons learnt at Yarm – Ted Thomas, Project team manager, Environment Agency

COASTAL WORKSHOP

Chair: Bill Parker, LGA Coastal SIG

WOMEN IN FCERM – NETWORKING SESSION

Chair: Clare Dinnls, Deputy Director Incident Management & Resilience, Environment Agency

HOW DO WE PAY FOR FLOOD RISK MANAGEMENT?

Chair: Alison Baptiste CBE, Director of Operations, Infrastructure Projects Authority

- Economic growth and funding the River Thames Scheme – Jacqui Bandy, Environment Agency
- Driving social equity through FCERM investment – Adam Hosking, Global technology lead, Jacobs
- Exploring the present and future of FCRM investment decision making -redefining the funding mechanism? – Ben Murray, Associate director, WSP
- The future of partnership funding – Daniel Johns, Head of public affairs, Anglian Water
- International examples of private funding and financing of FCERM – Richard Body, Senior scientist, HR Wallingford

THE HIDDEN SYSTEM – DELIVERING EFFECTIVE WATER DRAINAGE INFRASTRUCTURE

Chair: Chris Giles, Head of customer network operations, Severn & Trent Water

- More, Better, Faster - delivering sustainable housing growth and strategic infrastructure – Jonathan Glerum, Regional flood risk manager Anglian Water
- Resilient infrastructure for the future economy - Katy Wright, Senior engineer, Atkins
- Exploring an innovative approach to partnerships using urban water infrastructure assets to deliver enhanced social and environmental value – Alison Ball, Associate director, Arup
- The pipeline to resilient drainage and wastewater Infrastructure in Wessex – Vicky Farwig, Flood co-ordinator, Wessex Water

IMPLEMENTING THE AMBITION OF THE 25-YEAR ENVIRONMENT PLAN FOR A CLIMATE RESILIENT SOCIETY – WORKSHOP/PANEL.

Chair: Jeremy Westgarth, FCERM 25YEP Manager

Followed by the Flood & Coast Dinner and the Environment Agency Project Excellence Awards. Guest Speaker: **Nick Crane of BBC Coast** (by separate ticket)

Please note: sessions and speakers are subject to change without notice – please check back for updates.