

TUESDAY 18TH JUNE (DAY 1)

A CLIMATE RESILIENT NATION - A SHARED VISION TO 2100

How do we ensure that our shared ambitions match the scale of the challenge and create resilient coastal and inland places for people? What is the latest evidence saying?

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

MORNING SESSIONS (0915-1315)

PLENARY SESSION: A CLIMATE RESILIENT NATION – A SHARED VISION TO 2100

Chair: John Curtin, Executive Director FCERM, Environment Agency

Speakers:

- Sir James Bevan, Chief Executive, Environment Agency
- Professor Stephen Belcher, Chief Scientist, Met Office
- Julie Foley, Director FCRM Strategy & National Adaptation, Environment Agency
- Sonia Roschnik, Director of Sustainable Development Unit, Public Health England
- Bart Vonk, Rijkswaterstaat, Netherlands

PANEL SESSION: CLIMATE CHANGE: HOW DO WE OVERCOME THE PHYSICAL, POLITICAL AND SOCIETAL BARRIERS TO MEET THE CHALLENGE?

- How resilient do we want to be? Andrew Eden, National lead - climate adaptation & resilience, Environment Agency
- Carbon & sustainability: the jigsaw - do we have the full picture? – Craig Jones, Director, Circular Ecology
- Climate and a changing society. – Janet Taylor, Chair, Lune Valley Flood Forum
- Pathways to improving community resilience to flooding – Clare Twigger-Ross, Technical director, Collingwood Environmental Planning

FLOOD RISK & THE 25YEP – VALUING AND WORKING WITH THE NATURAL ENVIRONMENT

Chair: Phil Jones, Flood & Water Manager, Northamptonshire County Council

- Greening the grey: enhancing hard coastal infrastructure to improve the multi-functionality of FECRM assets. – Larissa Naylor, Reader in Physical & Environmental Geography, University of Glasgow
- Natural Flood Management – Emily Dresner, Senior advisor flood management and wetlands, Natural England
- Quantifying the reduction in flood risk using natural flood management measures – David Ramsbottom, Technical director flood management, HR Wallingford
- DIY NFM – Marcus Huband, Principal Geomorphologist, Atkins SNC Lavalin
- Public empowerment in flood mitigation – Professor Onno Bokhove, University of Leeds

CAN FLOOD INVESTMENT BE A DRIVER FOR PLANNING GENERATION

Chair: Jennie Donovan, Deputy Director, Business Strategy & Sustainable Places, Environment Agency

- The power of good design - Ian Houlston, Associate, LDA Design
- Rugeley Flood Risk Management Scheme – William Groves, Senior flood risk advisor, Environment Agency
- Planning for regeneration and future flood risk and coastal change: A case study in the Borough of King's Lynn and West Norfolk – Hannah Coogan, Technical Director, JBA Consulting
- Our City Our River - unlocking economic potential along the Lower Derwent – Andries Bentley, Regional delivery manager, Black & Veatch
- Valuing the benefits of blue-green infrastructure - Bruce Horton, Principal Consultant, Stantec

NEXT GENERATION WORKSHOP

- Sessions for professionals in their early career in FCERM. Full programme to be announced

WHAT DOES GREAT COMMUNITY LEADERSHIP LOOK LIKE & WHAT DO COMMUNITIES NEED FROM OTHERS?

- Community resilience - a bottom up approach – Paul Robertson, Senior CEV Co-ordinator, Bradford on Avon Town Council Community Emergency Volunteers
- How a focus on place-making will deliver better sustainability outcomes at Reading & Caversham FAS – Sally Croker, Environmental scientist, Jacobs
- Tyne Green - Chris Hood, FCRM advisor, Environment Agency
- Flood Action Groups taking the lead – Sanjay Johal, National Flood Forum

AFTERNOON SESSIONS (1430-1745)

CLIMATE CHANGE CHALLENGE – EXPLORING ADAPTIVE PATHWAYS TO RESILIENCE

Chair: Liz Parkes, Deputy director climate change and business services, Environment Agency

- Water is the asset – Paul Barnes, NFU/farmer network
- Integrating flood zones for local policy setting – Priscilla Haselhurst, Flood risk manager, Medway Council
- The final story for the Cumbria Resilience Showcase project and examples of other flood resilience properties – Mary Dhonau, CEO, Know Your Flood Risk Campaign
- GeoRISE: assessment of groundwater level rise under projected climate conditions – Majdi Mansour, Groundwater modeller, British Geological Survey
- Planning for coastal adaption - coastal change management areas & the natural environment – Tim Collins, Principal specialist, coasts and flood management, Natural England
- Flood risk management in the East Anglia Fens - planning together for a sustainable flood risk future - Liz Taylor, FCRM Advisor Environment Agency
- An adaptive pathways approach to delivering integrated climate resilience to flooding – Nick Pyatt, Director, Trioss Global

AWARENESS & PREPAREDNESS - ENSURING OUR FLOOD WARNINGS AND RISK ASSESSMENT ARE FIT FOR THE FUTURE

Chair: Ian Lisk, Head of Environmental Hazards, The Met Office

- A consistent picture of flood risk fit for the future - Selena Peters, Project executive, Environment Agency
- Design flood estimation uncertainty - Is Monte Carlo the answer? - Bill Syme, Senior principal, BMT
- Operational forecasting and warning - data, innovation and digital transformation - Charles Pilling, Chief hydrometeorologist, Flood Forecasting Centre
- Growing Environment Agency flood digital services – Jim Walker, Flood digital strategy manager, Environment Agency
- Development and validation of a real-time, regional coastal flood warning system for southwest England – Tim Poate, NERC impact fellow, University of Plymouth

THE ECONOMIC IMPACTS OF FLOOD - UNDERSTANDING THE IMPACTS TO DRIVE RESILIENCE

Chair: Andrew Sissons, Deputy director for economics and social science, Environment Agency

- Assessing the economic benefits of flood defences and the effect of flooding on property prices: a repeat-sales approach – Allan Beltran, University of Birmingham
- Stimulating economies by reducing risk / Flooding & deprivation the latest evidence – Harry Walton, Economics manager, Environment Agency
- New economic costs for the mental health impacts of flooding – Sally Pries, Head of Flood Hazard Research Centre, University of Middlesex
- Valuing recreation benefits of managing coastal risk - Southsea a case study – Amy Carroll, Senior economist, Ove Arup & Partners
- Recent flood events cause major disruption to infrastructure and the economy - how should this be addressed in FCERM projects? – Graham Knott, Regional director, AECOM
- Investigating the relationship between traffic accidents and surface water on the highway – Katherine Teakle, Director, Katherine Colby Hydrologists

WHAT NEXT FOR THE DEFRA PROPERTY FLOOD RESILIENCE ROUND TABLE?

Panel comprising leaders of Defra Task Groups

- What next? - Graham Brogden, Aviva
- Working towards affordable risk reflective pricing - Dermot Kehoe, Communications & transition director, Flood Re
- Integrating resilient repair & business practice – Professor Jessica Lamond UWE
- Normalising the uptake of property flood resilience – Matt Barker, Technical Lead Flood, BRE

A NATIONAL FCERM STRATEGY SETTING OUT THE VISION TO 2100: THE IMPORTANCE OF PLACE BASED DEVELOPMENT PLANNING

- National FCERM Strategy – Julie Foley, Director Strategy & National Adaptation, Environment Agency
- Wisbech Garden Town: enabling regeneration through safe and sustainable housing in the flood zone - Jaap Flikweert, Leading professional flood resilience, Royal Haskoning DHV
- Designing in resilience - Yorkshire Energy Park – Andy Smith, Associate director, WSP
- Catchment based planning to mitigate all sources of flooding – Matthew Roberts, Director of environment, BMT
- Investigating a social capital approach for FCERM – Penelope Borton, Senior consultant, AECOM
- Humber Strategy – comprehensive review – Philip Winn, Humber manager, Environment Agency

GLOBAL EXPERTISE, GLOBAL CHALLENGE

Chair: Steven Trehwella, Director UK Flood Partnership

THE ROLE OF BUSINESS IN A FLOOD RESILIENT ECONOMY – BUSINESS LEADERS PANEL

Chair: Emma Howard Boyd, Chair Environment Agency

Judith Batchelor OBE, Director of Brand, Sainsbury's

John Hayday, Assurance, Compliance & Security Director, BT

Andy Griffiths, Head of Value Chain Sustainability, Nestle UK Ltd

PATHFINDER PROJECTS – DOING IT DIFFERENTLY & NEW WAYS OF WORKING

- Kingsmoor NFM project – David Chapman, Project delivery manager, Essex County Council
- Delivering the River Thames Scheme, Jacqui Bandy, Communications and engagement manager, Environment Agency
- TEAM2100 - a new approach to project delivery in flood and coastal risk management – Darren Milsom, Programme manager, Thames Estuary Asset Management 2100
- Collaborative Project Delivery for FCERM - questions and potential solutions posed by a Project 13 approach – Matthew Walker, Associate, Ove Arup & Partners

NEXT GENERATION WORKSHOP

Sessions for professionals in their early FCERM careers.

The day will end with a drinks reception in the exhibition hall – open to all.

Please note that the programme is correct at time of posting but is subject to change without notice.