

CONFERENCE: DAY 1 / TUESDAY 18TH JUNE

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

WELCOME:



John Curtin
Executive Director FCERM
Environment Agency

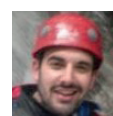
● Ludlow Room 3

How do we ensure our shared ambitions match the scale of the challenge and create climate resilient places for people to live, work and play in? What is the latest evidence saying?

| TIME | SPEAKERS |
|----------------|--|
| 09.15 10.45 | Sir James Bevan , Chief Executive, Environment Agency |
| | Professor Stephen Belcher , Chief Scientist, Met Office |
| | Liv Garfield , Chief Executive, Severn Trent Water |
| | Bart Vonk , Senior Advisor Water Safety', Rijkswaterstaat, Netherlands |

VALUING AND WORKING WITH THE NATURAL ENVIRONMENT'

CHAired BY:



Phil Jones
Flood & Water Manager
Northamptonshire
County Council

● Ludlow Room 2

| TIME | SPEAKERS | PRESENTATION TITLE |
|----------------|--|---|
| 11.15 12.45 | Larissa Naylor , Reader in Physical & Environmental Geography, University of Glasgow | Greening the grey: enhancing hard coastal infrastructure to improve the multi-functionality of FCERM assets |
| | Emily Dresner , Senior Advisor Flood Management & Wetlands, Natural England | Natural flood management |
| | David Ramsbottom , Technical Director Flood Management, HR Wallingford | Quantifying the reduction in flood risk using natural flood management measures |
| | Marcus Huband , Principal Geomorphologist, Atkins SNC Lavalin | DIY NFM |
| | Professor Onno Bokhove , University of Leeds | Public empowerment in flood mitigation |
| | Paul Barnes , NFU / Farmer Network | Water is the asset |

CAN FLOOD INVESTMENT BE A DRIVER FOR PLANNING GROWTH AND RE-GENERATION?

● Newport Room

CHAired BY:



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

| TIME | SPEAKERS | |
|----------------|---|---|
| 11.15 12.45 | Ian Houlston , Associate, LDA Design | The power of good design |
| | William Groves , Senior Flood Risk Advisor, Environment Agency | Rugeley Flood Risk Management Scheme |
| | Phil Bennett Lloyd , Technical Director, JBA Consulting | Planning for regeneration and future flood risk and coastal change: A case study in the Borough of King's Lynn and West Norfolk |
| | Andries Bentley , Regional Delivery Manager, Black & Veatch | Our city our river - unlocking economic potential along the Lower Derwent |
| | Bruce Horton , Principal Consultant, Stantec | Valuing the benefits of blue-green infrastructure |
| | Harry Walton , Deputy Director for Economics & Social Science, Environment Agency | Stimulating economies by reducing risk |
| | Priscilla Haselhurst , Flood Risk Manager, Medway Council | Integrating flood zones for local policy setting |

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

● Ludlow Room 1

CHAired BY:



Harvey Bradshaw
Executive Director
Environment &
Business
Environment Agency

| TIME | SPEAKERS | PRESENTATION TITLE |
|----------------|---|--|
| 11.45 13.15 | Andrew Eden , National Lead - Climate Adaptation & Resilience, Environment Agency | How resilient do we want to be? |
| | Craig Jones , Director, Circular Ecology | Carbon & sustainability: the jigsaw - do we have the full picture? |
| | Janet Taylor , Chair, Lune Valley Flood Forum | Climate and a changing society |
| | Clare Twigger-Ross , Technical Director, Collingwood Environmental Planning | Pathways to improving community resilience to flooding |
| | Andrew Russell , Committee for Climate Change | Panelist |
| | Jonathan Farr , Senior Policy Analyst, Water Aid | Panelist |

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

WELCOME:



Anne Wheeler
National Flood Forum
Trustee

● Ludlow Room 3

| TIME | SPEAKERS | PRESENTATION TITLE |
|----------------|--|--|
| 11.45 13.15 | Paul Robertson , Senior CEV Coordinator, Bradford on Avon Town Council Community Emergency Volunteers & Groundwork | Community resilience - a bottom up approach |
| | Sally Croker , Environmental Scientist, Jacobs | How a focus on place-making will deliver better sustainability outcomes at Reading & Caversham FAS |
| | Chris Hood , FCRM Advisor, Environment Agency | Tyne Green |
| | Heather Shepherd , Community & Recovery Support, National Flood Forum | Flood Action Groups taking the lead |
| | Dr Teresa Bridgeman , Convenor, West Somerset NFM People and Partnerships, CaBa Group | Panelist |
| | Colin Dalziel , Shifnal Flood Action Group | Panelist |
| | Michael Green , Warwickshire LLFA | Panelist |

AFTERNOON SESSIONS

JOHN CURTIN, EXECUTIVE DIRECTOR FCERM, ENVIRONMENT AGENCY IN CONVERSATION WITH JOHN ENGLANDER, INTERNATIONAL SEA LEVEL RISE EXPERT OCEANOGRAPHER



● Ludlow Room 3

13.45
14.25

NATIONAL FCERM STRATEGY – EXPLORING ADAPTIVE PATHWAYS TO RESILIENCE

CHAired BY:



Emma Howard Boyd
Chair
Environment Agency

● Ludlow Room 1

| TIME | SPEAKERS | PRESENTATION TITLE |
|----------------|---|---|
| 14.30 15.45 | Tim Collins , Principal Specialist, Coasts & Flood Management, Natural England | Planning for coastal adaption - coastal change management areas & the natural environment |
| | Nick Pyatt , Director, Trioss Global | An adaptive pathways approach to delivering integrated climate resilience to flooding |
| | Julie Foley , Director FCERM Strategy & National Adaptation, Environment Agency | Panelist |
| | Paul Cobbing , Chief Executive, National Flood Forum | Panelist |
| | Innes Thomson , Chief Executive, Association of Drainage Authorities | Panelist |
| | Matt Crossman , Head of Water & Flooding Policy, National Infrastructure Commission | Panelist |

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

CHAired BY:



Harry Walton
Deputy Director for
Economics and Social
Science
Environment Agency

● Newport Room

| TIME | SPEAKERS | PRESENTATION TITLE |
|----------------|--|--|
| 14.30 15.45 | Allan Beltran , University of Birmingham | Assessing the economic benefits of flood defences and the effect of flooding on property prices: a repeat-sales approach |
| | Michael Hall , Economist, Environment Agency | Flood and deprivation the latest evidence |
| | Sally Priest , Head of Flood Hazard Research Centre, University of Middlesex | New economic costs for the mental health impacts of flooding |
| | Amy Carroll , Senior Economist, Ove Arup & Partners | Valuing recreation benefits of managing coastal risk - Southsea a case study |
| | Graham Knott , Regional Director, AECOM | Recent flood events cause major disruption to infrastructure and the economy - how should this be addressed in FCERM projects? |
| | Katherine Teakle , Director, Katherine Colby Hydrologists | Investigating the relationship between traffic accidents and surface water on the highway |

CONFERENCE: DAY 1 / TUESDAY 18TH JUNE

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

● Ludlow Room 2

CHAired BY:



Ian Lisk
Head of Environmental Hazards
Met Office

| TIME | SPEAKERS | PRESENTATION TITLE |
|----------------|--|--|
| 14.45 16.00 | Selena Peters , Project Executive, Environment Agency | A consistent picture of flood risk fit for the future |
| | Bill Syme , Senior Principal, BMT | Design flood estimation uncertainty - Is Monte Carlo the answer? |
| | Charles Pilling , Chief Hydrometeorologist, Flood Forecasting Centre | Operational forecasting and warning -data, innovation and digital transformation |
| | Jim Walker , Flood Digital Strategy Manager, Environment Agency | Growing Environment Agency flood digital services |
| | Tim Poate , NERC Impact Fellow, University of Plymouth | Development and validation of a real-time, regional coastal flood warning system for southwest England |

WHAT NEXT FOR THE DEFRA PROPERTY FLOOD RESILIENCE ROUND TABLE?

● Ludlow Room 3

CHAired BY:



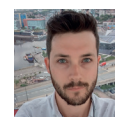
Vij Randeniya
Chair
Trent RFCC

| TIME | SPEAKERS | PRESENTATION TITLE |
|----------------|---|--|
| 14.45 16.00 | Graham Brogden , Head of Technical Claims, Aviva | What next? |
| | Dermot Kehoe , Communications & Transition Director, Flood Re | Working towards affordable risk reflective pricing |
| | Professor Jessica Lamond , UWE | Integrating resilient repair & business practice |
| | Josie Bateman , Strategy & Engagement Manager, Environment Agency | Property Flood Resilience Pathfinder Project |
| | Matt Barker , Technical Lead Flood, BRE | Panelist |
| | Mary Dhonau , Know Your Flood Risk Campaign | Panelist |
| | Ian Gibbs , Technical Manager, Sedgwick | Panelist |
| | Alastair Moseley , Director, H2OWEM | Panelist |

THE IMPORTANCE OF PLACE BASED DEVELOPMENT PLANNING

● Ludlow Room 1

CHAired BY:



Daniel Slade
Research Officer
Royal Town Planning Institute

| TIME | SPEAKERS | PRESENTATION TITLE |
|----------------|---|---|
| 16.15 17.45 | Jaap Flikweert , Leading Professional Flood Resilience, Royal Haskoning DHV | Wisbech Garden Town: enabling regeneration through safe and sustainable housing in the flood zone |
| | Andy Smith , Associate Director, WSP | Designing in resilience – Yorkshire Energy Park |
| | Matthew Roberts , Director of Environment, BMT | Catchment-based planning to mitigate all sources of flooding |
| | Andrew Newton , Ely IDB | Flood risk management in the East Anglia Fens - planning together for a sustainable flood risk future |

GLOBAL EXPERTISE, GLOBAL CHALLENGE

CHAIRIED BY:



Steven Trehella
Director
Rivelin Bridge Ltd

● Ludlow Room 3

| TIME | SPEAKERS |
|----------------|---|
| 16.30 17.45 | David Wilkes , Global Flood Resilience Leader, Arup |
| | Richard Simon-Lewis , Head of Origination, Client Coverage, Marketing & Communications, UK Export Finance |
| | John Ward , Senior International Development Manager, MET Office |
| | Natalia Moudrak , Director Climate Resilience, Intact Centre on Climate Adaptation |
| | Jonathan Farr , Senior Policy Analyst, WaterAid |

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

CHAIRIED BY:



Emma Howard Boyd
Chair
Environment Agency

● Newport Room

| TIME | SPEAKERS |
|----------------|---|
| 16.30 17.45 | Judith Batchelar OBE , Director of Brand, Sainsbury's |
| | John Hayday , Assurance, Compliance & Security Director , BT |
| | Andy Griffiths , Head of Value Chain Sustainability, Nestlé UK Ltd |
| | Andy Poole , Policy Director, Federation of Small Businesses |
| | Harriet Walker , Incoming Director, Business Emergency Response Group , BITC |

PIONEERING PROJECTS – DOING IT DIFFERENTLY & NEW WAYS OF WORKING

CHAIRIED BY:



Phil Younge
Deputy director FCRM
Environment Agency

● Ludlow Room 2

| TIME | SPEAKERS | PRESENTATION TITLE |
|----------------|---|---|
| 16.30 17.45 | Tom Palmer , Project Design Engineer, Essex County Council | Kingsmoor NFM project |
| | Jacqui Bandy , Communications & Engagement Manager, Environment Agency | Delivering the River Thames Scheme |
| | Darren Milsom , Programme Manager, Thames Estuary Asset Management 2100 | TEAM2100 - a new approach to project delivery in flood and coastal risk management |
| | Matthew Walker , Associate, Ove Arup & Partners | Collaborative project delivery for FCERM - questions and potential solutions posed by a Project 13 approach |
| | Robin Price , Managing Director, Water Resources East | Water Resources East: collaborating for change & safeguarding the future of water |
| | Peter Bateson , CEO, Witham Fourth IDB | Wrangle Sea Banks project |