



Government
Events

Flooding 2019: Ensuring Effective Resilience, Management and Response

Thursday 5th December
Event Guide





Our Loyalty Discount

This discount entitles attendees to a 20% discount on any future conference being run by Government Events in the next 12 months. Please quote code Loyalty20 at the start of your booking.



How to Claim Your CPD Points

Regarding CPD credits, it is the individual delegate's responsibility to evaluate their learning and record it appropriately into their CPD portfolios according to your institute's requirements.

For this Conference, you are entitled to 8 CPD points.



Wi-Fi

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Welcome Letter

Dear Delegate,

Welcome to Flooding 2019: Ensuring Effective Resilience, Management and Response conference.

This event will give delegates an overview of the latest government legislation and funding for managing flooding in the UK. Case studies on innovative solutions for flood prevention and management will be from a wide range of rural, coastal and urban settings.

These will include the role of water and sewerage companies; designing flood defences in a city; creating woodlands to reduce flood risk and surface water management strategies. You will get an insight into how to deliver effective resilience projects in their own area.

If you have any questions or queries please ask our onsite management team, who will be more than happy to help you. They are located at the registration desk.

We hope you have a rewarding and enjoyable day.

Yours Truly,

David Blake
Government Events



Our Future Events

Please look at our website, www.GovernmentEvents.co.uk,
to view our future events. These include:

[Delivering Innovative Transport and Infrastructure for a Modern Britain](#)

Thursday 23rd January 2020, Central London

[The Future of British High Streets and Town Centres Conference 2020](#)

Thursday 23rd January 2020, Central London

[The Future of Housing Services 2020](#)

Wednesday 11th March 2020, Central London

[Road to Zero Conference 2020: Developing Greener Roads for the Future](#)

Tuesday 24th March 2020, Central London

For any enquiries, please call 0330 0584 285 or email Enquiries@governmentevents.co.uk

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Key Supporter



For over 25 years GreenBlue Urban has drastically improved urban planting success and increased leaf canopy across the world.

Supported by their mission to **enable sustainable cities through green and blue infrastructure**, they began a programme to analyse the challenges, causes of failure and reasons for premature mortality in urban trees.

ArborFlow GreenBlue's sustainable urban drainage system – has been developed as an effective and environmentally robust means of managing surface water run-off. Ideal for use in urban areas where space is at a premium.

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Agenda AM

- 09:50-10:00 **Chair's Welcome Address**
Baroness McIntosh of Pickering, EU Energy and Environment Sub Committee
- 10:00-10:20 **Keynote Address: Designing Robust Environmental Monitoring Programmes to Better Predict and Prepare for Flooding**
Dr Monica Rivas Casado, Senior Lecturer in Integrated Environmental Monitoring, School of Water, Energy and Environment, Cranfield University
- 10:20-10:40 **Key Supporter Session: Enabling Sustainable Cities Through Green & Blue Infrastructure**
Howard Gray, Technical Consultant, Green Blue Urban
- 10:40-11:05 **Question and Answer Session**
- 11:05-11:35 **Refreshment and Networking Break**
- 11:35-11:55 **Case Study: Assessing The Impact Of Flooding On Rural Areas, The NFU Perspective**
Richard Bramley, Environment Forum Flooding Lead, NFU
- 11:55-12:15 **Case Study: When the Storm is Over: Lessons from the Cumbria Floodworker Project**
Tony Molloy, Regional Development Manager, Foundations
- 12:15-12:35 **Case Study: Adapting Homes and Businesses Increasing Flood Resilience and Speeding Up Recovery**
Mary Dhonau OBE, Chief Executive, Know Your Flood Risk
- 12:35-12:55 **Question and Answer Session**
- 12:55-13:35 **Lunch and Networking**
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Agenda PM

- 13:35-13:40 **Afternoon Chair's Welcome**
Mary Dhonau OBE, Chair Executive, Know Your Flood Risk
- 13:40-14:00 **Keynote Address: Collaborating with the FCC to Provide Enhanced Surface Water Flooding Forecasts**
Dr Ben Rabb, Impact Translation Fellow, Integrated Catchment Solutions Programme
- 14:00-14:20 **Case Study: Reducing Flood Risk Using Multiple Measures Including Leaky Dams: Kingsmoor, Harlow Pluvial Flood Alleviation Scheme**
Tom Palmer, Project Design Engineer, Essex County Council
- 14:20-14:40 **Case Study: Creating Woodlands to Reduce Flood Risk and Improve Water Quality: The Woodlands for Water Scheme**
Chris Waterfield, Carbon and Water Advisor, Forestry Commission
- 14:40-15:00 **Question and Answer Session**
- 15:00-15:20 **Refreshment and Networking Break**
- 15:20-15:40 **Keynote Address: Encouraging the Uptake of Property Level Resilience Measures as Outlined in FloodRe's Quinquennial Review**
Dermot Kehoe, Director, Communications & Transition, FloodRe
- 15:40-16:00 **Case Study: The Role of Water and Sewage Companies in Managing Flood and Coastal Erosion Risks**
Andrew Hagger, Head of WWI Strategy and Planning, Thames Water
- 16:00-16:10 **Question and Answer Session**
- 16:10 **Chair's Summary and Close**

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Speaker Biographies

Baroness McIntosh of Pickering

EU Energy and Environment Sub Committee, House of Lords

Anne McIntosh was introduced to the House of Lords in October 2015 and took the title of Baroness McIntosh of Pickering. She chaired the Ad-Hoc Committee on Post Legislative Scrutiny of Licensing Act 2003 in 2016/17 and Co-Chaired the All Party Parliamentary Group on Water in the last Parliament. In July 2019, she was appointed to the EU Energy and Environment Sub-Committee in the Lords. Anne chaired the Commons Environment, Food and Rural Affairs Select Committee from 2010-2015. Anne shadowed various portfolios from 2001-2010: Culture Media and Sport, Children and Early Years, Foreign Affairs, Work and Pensions, Transport and was Shadow Environment Minister with special responsibility for Water and Waste. Anne was Member of Parliament for the Vale of York (1997-2010) and for Thirsk and Malton (2010-2015); and MEP for North East Essex (1989-1994) and North Essex and South Suffolk (1994-1999). Anne was educated at Harrogate Ladies College then studied Law at the Universities of Edinburgh and Aarhus in Denmark. Anne was admitted to the Faculty of Advocates and practised Law in Edinburgh and Brussels.



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09:50-10:00

Dr Monica Rivas Casado

Senior Lecturer in Integrated Environmental Monitoring, School of Water, Energy and Environment, Cranfield University

Dr Monica Rivas Casado is a Senior Lecturer in Integrated Environmental Monitoring with expertise in the application of statistics to environmental data. Her academic career has been built around the integration of emerging technologies, advanced statistics and environmental engineering for the design of robust monitoring strategies.

Monica has an MSc in Environmental Water Management and a PhD in applied geostatistics from Cranfield. She is a Chartered Environmentalist (CEnv), a Chartered Scientist (CSci), a Chartered Forestry Engineer and a Fellow of the Higher Education Academy (FHEA). She holds a Postgraduate Certificate (PGCert) in teaching and learning and a National Examination Board in Occupational Safety and Health (NEBOSH) qualification. Monica is a fully qualified RPQs (drone) pilot.



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10:00-10:20

Howard Gray

Technical Consultant, Green Blue Urban

Howard is an enthusiast for successful urban trees. He has been planting trees in urban areas for over 40 years and is passionate about making sure that every tree has the same opportunity of realising its species potential. Understanding the many conflicts, both financial and engineering, with planting in our congested towns and cities, he can work with designers and contractors to achieve the best result. Having worked on a number of SuDS schemes across Europe, both with local authorities & developers he is uniquely positioned to present the vision - enabling sustainable cities through the use of green and blue infrastructure.



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10:20 – 10:40

Richard Bramley

Environment Forum Flooding Lead, NFU

In 2013, Richard was the winner of the RSPB Nature of Farming Award (Northern), in 2014 the recipient of the Tye Trophy for excellence in farming, conservation and the environment, and more recently in 2018, Richard was the first ever recipient of the Meurig Raymond Award for his dedication and commitment to the NFU and to the farming industry.



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Richard invests in his own professional development and is a member of Institute of Agricultural Management, Chartered Environmentalist (CEnv) and Yorkshire Agricultural societies Farm-Scientist network; actively involved with university research and education.

Alongside his arable operations, Richard is involved in a diverse range of environmental work on his farm, virtually all of which he has provided on a voluntary basis.



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11:35 -11:55

Tony Molloy

Regional Development Manager, Foundations

Until recently Director of Operations at We Care & Repair, Tony has returned to Foundations after an absence of some years. Originally an Environmental Health Officer, he has been a Private Sector Renewal Manager with a Unitary authority, managed several HIA services, and been head of service of CABx in rural Dorset.



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11:55-12:15

Mary Dhonau OBE

Chief Executive, Know Your Flood Risk

Mary has been flooded herself on many occasions and has extensive experience in supporting and advising the victims of flooding during their recovery.

Mary is the co-author of the Homeowners Guide to Flood Resilience, the Business Guide to Flood Resilience, the Homeowners Guide to Flood Recovery and the 4-Step guide to preparing a Household Emergency Plan.

She is a task group lead for the Property Resilience Round Table and a member of the transition panel for Flood Re

In 2017 Mary project managed the Cumbria Flood Resilience Showcase Project, which won the Environment Agencies 'Project Excellence Award for Climate Adaptation and Resilience' Mary has recently published a widely acclaimed EMag, which features the adaptations homeowners and businesses have made to their properties to make them more resilient to future floods.

Mary was awarded an OBE for Services to the Environment in the Queen's Birthday Honours list in 2009. In Dec 14 she was awarded a HonRICS, in recognition of her high profile for standing up for the public interest regarding flooding. Mary was also given the 'Voice of the Customer' award at the CII Public Interest Awards 2015 and an Honorary Doctorate from the University of the West of England in July 2015. She was also made a Hon Fellow of CIWEM in May 2017.



Government Events

13:35-13:40

Dr Ben Rabb

Impact Translation Fellow, Integrated Catchment Solutions Programme

Ben is an Impact Translation Fellow in Yorkshire's Integrated Catchment Solutions Programme (iCASP). His role is to facilitate the co-design and management of projects to leverage existing environmental science to deliver practical societal benefits.

He works closely with a range of academic experts at the University of Leeds and other Yorkshire universities in addition to regional partner organisations to identify how best to deliver catchment-based solutions – focusing in particular on climate change, urban resilience, flood and drought risk mitigation and water resources.

Ben previously worked as a climate change adaptation consultant and has a PhD in climate and land use impacts on groundwater flooding risk from Cardiff University, an MSc in Environmental Risks from Brunel University and a BSc in Psychology from the University of Nottingham.



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13:40-14:00

Tom Palmer

Project Design Engineer, Essex County Council

I graduated with a BSc (Hons) degree in Physical Geography in 2009 and have completed the foundation degree in River and Coastal Engineering through the EA capacity building process, which I topped up to a full BSc (Hons) degree in 2017.

I've spent 7 years at Lead Local Flood Authorities and District Councils mainly undertaking asset inspections, watercourse regulation activities and providing flood risk management advice to members of the public and partner RMA's.

I joined Essex County Council in 2015 and started as Project Design Engineer in 2017. This role primarily involves project managing and delivering flood alleviation schemes as part of Essex County Councils Capital Programme.



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14:00-14:20

Chris Waterfield

Carbon and Water Advisor, Forestry Commission

Chris Waterfield is the Water and Carbon Adviser for the Forestry Commission's Policy and Advice Team with their other climate change advisers. He has worked for the Forestry Commission for the past 17 years – apart from a brief move to the Woodland Trust. He provides advice to the Forestry Commission Woodland Officer and Area Teams on how woodlands and forests can be most beneficial for carbon sequestration and for water quality and quantity. He began his career in community forestry in 1995 moving to the Forestry Commission in 2002 to lead their brownfield land restoration programme 'Newlands', since then he has worked as a Field Manager in Yorkshire and the North East and then as a Partnerships and Expertise Manager in the North West and West Midlands.



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14:20 – 14:40

Dermot Kehoe

Director, Communications & Transition, FloodRe

Dermot Kehoe is the Communications and Transition Director at Flood Re. He takes the lead in setting the communications strategy and shaping the activities that will help Flood Re deliver a Transition Plan for the industry. Dermot has experience in strategic communications, public policy and journalism including at the NHS, Home Office and the BBC.



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15:20-15:40

Andrew Hagger

Head of WWI Strategy and Planning, Thames Water

Andrew Hagger is head of wastewater infrastructure planning & investment at Thames Water Utilities. Thames Water's assets include some 109,000km of sewerage network and more than 4,500 pumping stations, providing a critical service to 16 million customers each day. Andrew has more than 25 years of experience in the water sector and has been involved in a range of projects from sustainable drainage for the Battersea Nine Elms area to the Thames Tideway Tunnel and the use of live network models to facilitate real time network management.



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15:40-16:00



Thank you for attending our conference.

We hope you found the day interesting and insightful. Speaker presentations will be made available to download on completing the post show survey which will be emailed to you within one week after the event.

We wish you a safe journey home.

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