

CIWEM UDG Annual Conference 2022

Hilton Birmingham Metropole, 8-10 November

Day 1 | 8th November 2022

06:30-11:00 **Exhibitor setup**

11:00-12:00 **Registration and coffee morning**

11:00-18:00 **Exhibition open hours**

14:00-15:00 **CIWEM/UDG workshop**

Clear career pathways in Urban Drainage

An interactive session with CIWEM and members of the Urban Drainage Group exploring how CIWEM membership, Chartership and the UDG competencies can support clear and coordinated career progression for you and your teams.

Darren Eckford, Director of Learning and Organisational Development, **CIWEM**

James Hale, Vice Chair of **CIWEM Urban Drainage Group**, Smart Wastewater Director, **Environmental Monitoring Solutions**

Paul Shaffer, Director of Innovation and Delivery, **CIWEM**

15:00-15:30 **Networking coffee break**

15:30-17:30 **UDG R&D workshop**

The CIWEM UPM Dynamic Catchment Water Quality Modelling & Data Collection Guide

Mark Russell, **CIWEM Urban Drainage Group Honorary Secretary**, Modelling & Data Manager, **Yorkshire Water**

Steve Kenney, Chief Technologist (modelling), **United Utilities**

Proposed plans for future guides and updates

Ian Lang, Technical Director, **Atkins**

17:30-18:30 **Speed networking**

18:30-19:30 **Networking meal for delegates and exhibitors**



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Day 2 | 9th November 2022

08:00-10:00 Registration and coffee morning

09:00-18:00 Exhibition open hours

09:25-09:30 **Welcome Address**

Kieran Downey, Chair of CIWEM Urban Drainage Group, Strategic Flooding Manager - Strategic Customer Service Planning – Wastewater, **Scottish Water**

09:30-11:00 **Session 1, Setting the Scene**

Chaired by **Elliot Gill**, Market Sector Leader for Urban Drainage and Flooding, **Stantec**

09:30-09:50 **A Storm Overflow Discharge Reduction Plan for England – delivering significant reduction in harm due to storm overflows**

Juan Scouller, Team Leader, Water Quality, **DEFRA**

09:50-10:10 **“Would you like a little Chlorine with that madam?”**

Jo Bradley, Director of Operations, **Stormwater Shepherds**

10:10-10:30 **Silent Industry to Proactive Engagement - Working with Society's Expectations**

Keith Hebert, Pathfinder Delivery Lead, Southern Water, **Southern Water**

10:30-11:00 **Panel Discussion**

11:00-11:30 **Networking coffee break**

11:30-13:00 **Session 2, Wider Views**

Chaired by **Paul Shaffer**, Director of Innovation and Delivery, **CIWEM**



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- 11:30-11:50** **How we can lift our curse on urban rivers**
Theo Thomas, Founder, **London Waterkeeper**
- 11:50-12:10** **Improving Urban Waters in Scotland**
Karen Dee, Waste Water Service General Manager, Strategic Customer Service Planning,
Scottish Water
- 12:10-12:30** **TBC**
Ali Fraser, Associate Coastal & Urban Modeller, **Atkins**
- 12:30-13:00** **Panel Discussion**
- 13:00-14:00** **Networking lunch for delegates and exhibitors**
- 14:00-15:30** **Session 3, Inland Bathing Waters**
Chaired by **Margaret Williams**, Strategic Waste System Planning Lead, **Severn Trent**
- 14:00-14:20** **Inland Bathing Water – The Journey So Far**
Mark Russell, Modelling & Data Manager, **Yorkshire Water**
Adam Smart, Lead Environmental Modeller, **Yorkshire Water**
Leah Humphries, Coastal Delivery and Engagement Manager, **Yorkshire Water**
Rob Palmer, Principal Civil Engineer, **Stantec**
- 14:20-14:40** **Worrying about wastewater in the River Wharfe: the role of citizen science**
Rick Battarbee, Director of the Environmental Change Research Centre, **University College London**
- 14:40-15:00** **Inland Bathing Waters - Using a combination of monitoring, modelling and predictive methods for better management**
Richard Dannatt, Associate Director, **Intertek**
- 15:00-15:30** **Panel Discussion**



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- 15:30-16:00** **Networking coffee break**
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- 16:00-17:30** **Session 4, Technology and Innovation**
Chaired by **James Hale**, Smart Wastewater Director, **Environmental Monitoring Solutions**
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- 16:00-16:20** **Artificial Intelligence of Things Transforming Waste Networks**
James Ballard, Innovation Architect, **Severn Trent**
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- 16:20-16:40** **Nature Based Treatment**
Rob McTaggart, Technical Director, **Stantec**
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- 16:40-17:00** **Rethinking Design Storm Profiles: How Redesigning the Hyetograph will Influence Overflow Design Decisions**
Ari Feldman, Optimisation Engineer, **Optimatics**
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- 17:00-17:30** **Panel Discussion**
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- 18:30-19:00** **Pre-dinner Drinks Reception**
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- 19:00-23:00** **Dinner (dress code: business casual)**

Day 3 | 10th November 2022

- 08:00-10:00** **Coffee morning**
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- 09:00-16:00** **Exhibition open hours**



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| 09:15-11:00 | Session 1, Blue Green Concepts
Chaired by Anthony McCloy , Director, McCloy Consulting |
| 09:15-09:35 | Surface water flooding - what is it like to be on the receiving end?
Mary Dhonau , Property Flood Resilience Specialist, Mary Dhonau Associates |
| 09:35-09:55 | Collaborating to create a green, more sustainable tomorrow
Keith Hebert , Pathfinder Delivery Lead, Southern Water, Southern Water |
| 09:55-10:15 | Urban Green DaMS: Industrial/Academic Partnerships for Blue/Green Infrastructure
Simon De-Ville , Research Associate, The University of Sheffield |
| 10:15-10:35 | Collaborative Storm Water Planning supported by 2Di Modelling
Dominic Mc Bennett , Catchment Planner, Scottish Water
Francisco Simon , Senior Hydraulic Modeller, Scottish Water |
| 10:35-11:00 | Panel Discussion |
| 11:00-11:30 | Networking coffee break |
| 11:30-13:00 | Session 2, Blue Green Delivery
Chaired by Jenny Grist , Principal Analyst, JBA Consulting |
| 11:30-11:50 | City Centre Retrofit – the challenges & solutions
Ian Titherington , Lead Officer (drainage), Cardiff City Council |
| 11:50-12:10 | Collaboratively developing a city-wide 25 year blue-green plan: lessons learned from Hull
Gwen Rhodes , Principal Civil Engineer, Stantec
Lee Pitcher , Living with Water General Manager & YWS Head of Partnerships, Yorkshire Water |
| 12:10-12:30 | Sidmouth Amphitheatre - Sidmouth Flood Alleviation Scheme
Paul Hargreaves , Senior Associate Director, Jacobs |



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12:30-13:00	Panel Discussion
13:00-14:00	Networking lunch for delegates and exhibitors
14:00-14:20	UDG Annual General Meeting
14:20-16:00	Session 3, Strategic Planning DMWP Chaired by Andrew Haggard , Head of wastewater strategy & planning, Thames Water
14:20-14:40	DWMP Blog Live Martin Osborne , Water industry strategic advisor, asset planner and drainage expert, Hemdean
14:40-15:00	A Journey of Best Endeavours: A reflection on the learnings of the first cycle of DWMP Jack Robinson , Strategic Analyst, Drainage & Wastewater Management Planning team, Severn Trent Rebecca Mclean , Strategic Catchment Planner, Severn Trent
15:00-15:20	Optimising DWMP Investment Luke Ferriday , Senior Consultant, FRGS MCIWEM, ICS
15:20-15:50	Panel Discussion
15:50-16:00	Closing remarks – James Hale, Vice Chair of CIWEM Urban Drainage Group , Smart Wastewater Director, Environmental Monitoring Solutions

** Information displayed about the conference programme is as accurate as possible, but the organisers reserve the right to change the programme without notice.*



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