

WATER SECURITY IN A CHANGING ENVIRONMENT

6 MAY 2020 | BIRMINGHAM

ENSURING A SECURE SUPPLY OF WATER FOR FUTURE GENERATIONS

EXPERT SPEAKERS INCLUDE



Paul Hickey
Deputy director, water resources
Environment Agency



Jean Spencer
Chair
National Water Resources Framework



Patric Bulmer
Head of water resources and environment
Bristol Water



Yvette de Garis
Head of environmental engagement
Thames Water



Robin Price
Managing director
Water Resources East



Clair Dunn
Head of water quality
Anglian Water



Marcus Rink
Chief inspector
DWI

THE event for water resources leaders dedicated to tackling the environmental crisis and delivering new approaches to water security

ONLY HERE CAN YOU:

HEAR the water industry's global ambitions for water security for future generations

FIND OUT how regional plans and the National Framework will impact you

COLLABORATE with your peers to tackle supply, demand and water quality

BOOK NOW

wwt.events/watersecurity2020

FOLLOW US



@WWTLive #watersecurity2020

SUPPORTED BY



WATER SECURITY IN A CHANGING ENVIRONMENT

About the event

In the midst of a climate emergency, the water industry must take centre stage, build resilience and ensure a secure supply of water for future generations.

Reducing demand, restoring rivers and delivering environmental commitments are some of the many challenges facing the sector, and immediate collaborative action is required. New regulation and frameworks are instigating change, but what will they mean for the water industry? And how can we act more quickly to mitigate risk and plan for the long term?

The 2020 WWT Water Security in a Changing Environment Conference will take on these issues, uniting the water industry and environmental stakeholders to address the climate crisis, improve water quality, drive investment in green infrastructure, enhance our chalk streams and manage abstraction and trade. Learn from the sector's leaders and help protect water resources in a changing environment at this one-day event designed to tackle some of the world's biggest challenges.

Who should attend?

Water company directors & managers responsible for:

- Water resources
- Water security
- Sustainability & environment
- Resilience
- Climate change
- Flooding & drought
- Abstraction & trading
- Water quality
- Supply & demand
- Infrastructure investment
- Catchment management
- Regulation & policy
- Innovation & R&D
- Strategic partnerships
- Asset management
- Planning & delivery

Plus:

- Government
- NGOs
- Consultants
- Technology & solution providers
- Charities & non-profit

WWT is the only print magazine and website addressing the operational issues in the water industry. For the engineers in water companies and water-using manufacturing, WWT provides the information they need to make water work. Authoritative and concise, WWT covers news analysis and commentary, project case studies, technology innovations and industry research spanning all areas of municipal and industrial water and wastewater treatment. For more information, visit wwtonline.co.uk

PRE-CONFERENCE WORKSHOP

Tuesday, 5 May 2020, 13:00-17:00

ACHIEVING LEAKAGE AND PCC TARGETS

Regulators are tasking the water industry to be more ambitious than ever before with regards to leakage and Per Capita Consumption targets, but how can we actually reach those targets and sustain them? Get your questions answered and connect with like-minded water professionals through interactive discussions and brainstorming sessions designed to help the industry achieve leakage and PCC targets.

- Are the targets achievable?
- How can we utilise smart technology to get ahead?
- What role will water labelling have in reducing PCC?
- How can we make progress more quickly?

Speakers include:



Ben Earl
Water efficiency manager
Southern Water



Alison Murphy
Water strategy manager
SES Water

Agenda

6 May 2020

(subject to change)

08:45 Registration, networking & exhibition

09:30 Introduction from conference chair
Ben Earl, Water efficiency manager, Southern Water

DELIVERING WATER SECURITY & RESILIENCE

09:35 Delivering the commitments of the 25 Year Environment Plan

- The big picture: what are we trying to achieve?
- The emergence of RAPID: providing resilient water supplies

Paul Hickey, Deputy director, water resources, Environment Agency

09:50 What will be expected from regional plans?

- How could regional plans shape the water industry in the UK?
- Water security and the National Framework

Jean Spencer, Chair, National Water Resources Framework

10:05 Regional water resource management planning: shaping the future of the water industry

- Opportunities for England and the UK as a whole
- Engagement beyond our industry: the role of agriculture, energy and mining
- Ensuring a sustainable supply of water for the future

Patric Bulmer, Head of water resources and environment, Bristol Water



10:20 Panel discussion: addressing the climate emergency

- The landowner perspective on the National Framework
- Water Resource Management Plans – progress
- How can we balance keeping customer bills low and delivering environmental resilience?

Speakers to be joined by:

Paul Hammett, National specialist (water resources), **NFU**
Susan Twining, Chief land use policy advisor, **CLA**

11:00 Refreshments, networking & exhibition

THE ENVIRONMENTAL CRISIS: HOW CAN WE MAKE ABSTRACTION MORE SUSTAINABLE?

11:30 Chilterns chalk streams in crisis: the route to enhancing our chalk streams

- A case study: commitments to conserving the chalk stream environment
- Raising awareness of the importance of chalk streams and the need to conserve them

Yvette de Garis, Head of environmental engagement, **Thames Water**

11:45 Collaborating across sectors to enhance the environment

- Working across all water users to optimise water systems
- Changing land use to improve system resilience, including aquifer recharge
- Incentivising change, including the use of markets

Robin Price, Managing director, **Water Resources East**

12:00 How can we abstract and trade water without causing ecological impact?

- Balancing customer needs with the need to maintain river water quality and biodiversity in communities
- Improving our ability to move and distribute water

Alice Elder, Senior asset engineer, **Affinity Water**

12:15 Panel discussion: debating the future of sensitive habitats

- How can we better collaborate to restore chalk streams?
- What does the future look like for sustainable abstraction and trade?

Speakers to be joined by:

Paul Hickey, Deputy director, water resources, **Environment Agency**

Geoff Darch, Water resources strategy manager, **Anglian Water**

12:45 Fork buffet lunch, networking & exhibition

GREEN INFRASTRUCTURE, INVESTMENT & WATER RESOURCE PLANNING

13:45 What role will green infrastructure planning and investment have in solving environmental challenges?

- How far is water a barrier to economic and environmental growth?
- How does asset planning and resilience fit into the bigger picture?
- Which nature-based solutions should we be investing in?

Sophie Tremolet, Water security director - Europe, **The Nature Conservancy**

14:00 The Oxford-Cambridge Arc: opportunity for economic growth

- Collaboration between government and local partners: what are the ambitions?
- Taking an integrated approach to green infrastructure and investment
- What are the natural capital impacts?

Paul Leinster, Professor of environmental assessment, **Cranfield University**

14:15 Exploring the interplay between resilience in the water sector and in the natural environment

- How and why investment in one benefits both
- Naturally Resilient Project: research and case studies
- How the water sector and natural environment can best work together

Jodie Le Marquand, Information and policy coordinator, **Wildlife and Countryside Link**

Natalie LeBrun, Policy officer, **RSPB**

14:30 Snap poll, questions & answers

14:45 Refreshments, networking & exhibition

TACKLING SUPPLY, DEMAND & WATER QUALITY ISSUES

15:15 Drinking water quality and mitigations in response to increasing demand supply strategies

- Ensuring high water quality standards in the face of environmental change
- Meeting the needs identified in the National Framework for water resource planning

Marcus Rink, Chief inspector, **DWI**

15:35 PROWATER: increasing resilience to climate change

- Protecting and restoring the availability of raw water for people and the environment
- Maximising the value of European-funded partnership projects
- Tackling a higher demand for water production

Senior representative, **South East Water**

Senior representative, **South East Rivers Trust**

15:55 Improving water quantity and quality in the environment

- How can we better mitigate the impacts of population growth and demand on water quality?
- How can we ensure safe, affordable drinking water for future generations?
- Barriers to collaboration in water resources planning

Clair Dunn, Head of water quality, **Anglian Water**

16:15 Live polling, questions & answers

16:30 Close of conference

WWT*Tackling
the climate
crisis*

WATER SECURITY IN A CHANGING ENVIRONMENT

6 MAY 2020 | NATIONAL CONFERENCE CENTRE, BIRMINGHAM

How to book

Register at wwt.events/watersecurity2020

| | Booking type | Book before 31 January | Full rate |
|--|---|------------------------|-----------|
| Conference only | Utilities / public sector / non-profit / academic | £399 (save £150) | £549 |
| | Standard | £499 (save £150) | £649 |
| Conference + half-day leakage/PCC workshop | Utilities / public sector / non-profit / academic | £599 (save £150) | £749 |
| | Standard | £699 (save £150) | £849 |

Please note that prices exclude VAT, are per delegate and include all-day access to the event, available conference presentations post event, buffet lunch and refreshments. Fees do not include travel costs or accommodation.



@WWTlive
#watersecurity2020

More reasons to book...

What WWT delegates say...

'Excellent chance to meet up and exchange ideas with some of the most interesting people in the water industry'

Water quality scientist, Yorkshire Water

'A 'must attend event'; more so in today's times when the pressure on water quality and water demand is increasing exponentially. The event is a catalyst for collaboration and innovation which must continue'

TWD system risk manager, Anglian Water

**30%
OFF****Group
booking
offer**

Book 2 delegates from your organisation and any subsequent bookings will receive 30% off.

Contact **Ria Beal** on **+44 (0)1342 332050** or email **riabeal@fav-house.com** for more information.

SPONSORSHIP & EXHIBITION

Align your company with this exciting event to demonstrate your thought leadership, showcase your solutions and develop new business. Opportunities can be tailored to meet your needs. Please contact **Emma Lawson** on **+44 (0)1342 332114** or email **emmalawson@fav-house.com** to discuss your requirements.

Want to update your details or stop receiving communications from WWT conferences? If you wish to update your contact details or do not wish to receive ANY further contact from WWT conferences, please email **datadepartment@fav-house.com** and request that your details are amended or removed from the WWT conferences database.

wwt.events/watersecurity2020