

## **Day 1 – 25 February 2020**

08:00 – 08:45      **Registration** (Coffee and Pastries Provided)

08:45 – 09:00      **Welcome**

### ***Theme 1: A Global Challenge from a Local Perspective***

09:00 – 09:30      **Keynote Presentation**

09:30 – 10:00      **Southern Water's Water Demand Challenge:** Ian McAulay (Southern Water, UK)

10:00 – 10:30      **An Introduction and Overview to Water Recycling:** Melanie Holmer (Brown and Caldwell, USA)

10:30 – 11:15      **Coffee Break**

### ***Theme 2: Global Perspectives on Water Recycling Augmentation and Regulation***

11:15 – 11:40      **United States Experience and Perspective to Risk Regulation and Technology:**  
Allegra Da Silva (Brown and Caldwell, USA)

11:40 – 12:05      **Australian Experience and Perspective to Risk Regulation and Technology:**  
Stuart Khan (University of New South Wales, Australia)

12:05 – 12:30      **The WHO Guidance and Perspective Towards Water Recycling Approaches:**  
Stuart Khan (University of New South Wales, Australia)

12:30 – 14:00      **Lunch** Please Follow Directions to [Al Duomo](#) (7 Pavilion Buildings Brighton BN1 1EE)

### ***Theme 3: Risk Based Approaches and Development of Critical Information***

14:00 – 14:30      **Responding to the Challenge of Change: Risks and the Regulatory Response:** Marcus Rink ( OFWAT, UK )

14:30 – 15:00      **The UK Perspective to Risk: Current and Future Considerations (PCCP and AOP DBPs):** Dr Jeremy Dudley (Water Research Centre, UK)

15:00 – 15:30      **Bench Scale to Full Scale: Approaches to Data Collection:** Ian Mayor-Smith (University of Brighton, UK)

15:30 – 16:00      **Coffee Break**

### ***Theme 4: Technology Considerations: Selection and Verification***

16:00 – 16:45      **Membrane Applications and Limitations:** Graeme Pearce (Membrane Consultancy Associates, UK)

16:45 – 17:15      **Full Advanced Treatment (FAT): Advanced Oxidation Processes the benefits and Challenges:** Ronald Hofmann (University of Toronto, Canada)

- 17:15 – 17:45      **Technology Assessment for the Western Grid:** Varsha Wylie (Southern Water, UK)
- 17:45 – 17:55      **Final Remarks:** Ian Mayor-Smith (University of Brighton, UK)
- 18:30 – 20:00      **Networking and Nibbles** ([Pavilion Kitchen](#) + [Royal Pavilion Tour](#))
- 20:00 – Late        **Dinner** ([The Royal Pavilion Banqueting Room](#)) **Tickets Required**

**Day 2 – 26 February 2020**

- 08:30 – 09:00      **Registration** (Coffee and Pastries Provided)

**Theme 5: The role of technology in our current and future experience**

- 09:00 – 09:30      **Keynote Presentation: Art Umble (Stantec, USA)**
- 09:30 – 10:00      **The Future of Water Resources Management:** Meyrick Gough (Water Resources in the South East, UK)
- 10:00-10:40        **Desalination's Current and Future Place within the UK:** Graham Bateman (Southern Water, UK) and Thames Water (TBC, UK)
- 10:40 – 11:15      **Coffee Break**

**Theme 6: Treatment Optimisation and Future Technologies**

- 11:15 – 11:40      **Alternative Water Recycling Treatment Trains:** Kati Bell (Brown and Caldwell, USA)
- 11:40 – 12:05      **Innovative Alternatives for Enhanced Recovery of NF/RO Systems:** Brent Alspach (Arcadis, USA)
- 12:05 – 12:30      **Developing a Chemical-Free AOP for the Removal of Micropollutants from Water and Wastewater:** Domenico Santoro
- 12:30 – 12:55      **Alternative Methods to Ozone Generation:** Achim Ried (Xylem, Germany)
- 12:55 – 13:45      **Panel Discussion**

**Conference Concludes**