

Workshop: Developing a Water Story: City Water Resilience Approach

Thursday 12 March | 3.20pm – 4.50pm

Water systems are the lifeblood of a city. Cities face a diverse range of shocks and stresses. How can we design sustainable solutions to these critical issues with these varying interacting elements in mind?

Using Arup's City Water Resilience framework, participants of this workshop will engage with interactive elements of urban water systems and design sustainable solutions that highlight the interdependencies between individuals and their surroundings. Together, we will explore contrasting case studies to understand the common characteristics of a resilient urban water system and how we can develop a holistic catchment-scale approach to water-related challenges. This workshop will focus on urban water resilience and the identification of shocks and stresses within the urban water context.

Facilitators

- Margie Dickson, Arup
 - Bill Robinson, Arup
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Workshop: The Role of Sustainability in the Water Sector: Living up to our Reputation as Young Professionals

Thursday 12 March | 3.20pm – 4.50pm

Infrastructure Sustainability (IS) is gaining significant momentum in Australia and New Zealand and is expected to be a driving force behind change in our industry. The IS tool, designed and governed by the Infrastructure Sustainability Council of Australia (ISCA), has resulted in exemplary outcomes for many road and rail projects. It has not been as widely applied to water/wastewater infrastructure (Watercare's Central Interceptor being the first in New Zealand). This workshop will introduce IS principles and stimulate innovative thinking in young professionals. This mindset will prepare them for an evolving industry and initiate sustainable change within their own organisations.

Facilitator

- Olivia Philpott, Watercare



Workshop: The Drinker's Perspective – Reducing the Stigma Associated with Direct Potable Reuse

Thursday 12 March | 3.20pm – 4.50pm

Australia needs to ensure water security in a drying and variable climate, particularly in urbanised and city areas where rainfall and runoff have declined significantly. Recycled water can provide a reliable, climate-resilient and economically sound source of water but there is stigma associated with direct potable reuse. This interactive workshop will look at the issues from the consumer's perspective, using personas to understand people's views towards recycled water and how these can be managed to improve community perceptions.

Facilitators

- Rachel Flitman, Aurecon
- Michael O'Brien, Aurecon

Workshop: Design Thinking: Creative Problem Solving Through Human-Centred Design

Friday 13 March | 1.00pm – 2.30pm

Want to know more about design thinking? This is your chance to have a go!

Design thinking is becoming increasingly used in the water industry to solve complex problems. It is a non-linear, iterative process which seeks to understand users, challenge assumptions, redefine problems and create innovative solutions to prototype and test. This workshop will walk you through a design thinking process to solve real water industry issues and give you the tools to unlock unconventional challenges in your own role.

Facilitator

- Anna Mogridge, Watercare



Workshop: A Vision for Cultural Change Through Diversity

Friday 13 March | 1.00pm – 2.30pm

Diversity and inclusion continues to dominate the discussion in boardrooms and HR divisions across the globe as the makeup of our workforce continues to change significantly. It should be acknowledged that there are positive changes that the sector has made but further inspiration is required to encourage the right culture to drive change. This workshop will present practical learnings on how to build better cultures and behaviours to support diversity in the workplace. It will also present a model to share content, successes, and challenges to assist individual young water leaders to drive the cultural change required for success.

Facilitators

- Sandrika Ryan, Unitywater
- Sandra Hall, University of Queensland

Speakers

- Kirsty Blades, Australian Water Association
- Brendan Moore, Yarra Valley Water
- Shane Woods, GHD

Workshop: What Will Your Future Water Story Be?

Friday 13 March | 1.00pm – 2.30pm

The IWA Australia committee and IWA SDG Taskforce wish to run a workshop that builds YWPs' knowledge of and connection to the 2030 UN Sustainable Development Goals. By understanding and articulating how their current work contributes to the goals, participants will also be able to identify where there are gaps and, consequently, opportunities for the water sector to do more. This will lead participants to consider how their future water story could impact on the 2030 agenda and what changes they, and the water sector, need to make to achieve these critical, but ambitious, goals.

Facilitators

- Kathryn Silvester, Sydney Water
- Shona Fitzgerald, World Bank
- Diana Gonzalez Botero, International WaterCentre
- Ben Thwaites, UNSW