



CRC for
Water Sensitive Cities

15—18
March

2021
SOUTH
AUSTRALIA

Conference program

Water Sensitive Practice.
Every city. Every day.



water sensitive cities conference 2021



Australian Government
Department of Industry, Science,
Energy and Resources

Business
Cooperative Research
Centres Program



A new format—we're online and in person



An **interactive, online conference** design that allows access from anywhere



In-person sessions at hubs in multiple cities across Australia, to support the online component



A range of opportunities to **network and participate** to keep the conference engaging

To accommodate the changes to how we work, we've moved online.

This means conference participants can join from any location. We're providing a range of opportunities to network and participate to keep the conference an engaging experience.

We will complement the online activities with in-person sessions at hubs across Australia.

Access to online sessions is via a dedicated website, with access provided after registration.

But make sure you attend the conference venue in your state, if you are able, for Day 2—this is where the discussions will happen, regardless of whether the content is in-person or virtual.



Venue

We invite you to join the in-person conference activities in your state. Venues are:

Queensland:	The Sebel, Brisbane
New South Wales:	Sydney Water, Parramatta
South Australia:	SA Water House, Adelaide
Western Australia:	Botanicals at Crown Perth
Victoria:	Online only



Mentimeter

We'll use Mentimeter (a web-based interaction tool) so that attendees can ask questions and participate in sessions and conversations:

1. Download the Mentimeter app to your phone via the App or Google store or go to www.menti.com.
2. At the start of each session, you will receive a Mentimeter code. Simply enter the code and follow the prompts.



Get social

Follow us on Twitter: [@crcwsc](https://twitter.com/crcwsc) or [LinkedIn](https://www.linkedin.com/company/crcwsc/)

Use **#2021WSSC #watersensitivepractice #everycityeveryday** on your social posts to join the conference conversations.

Welcome to the

5th Water Sensitive Cities Conference 2021

Welcome to our fifth and final Water Sensitive Cities Conference.

Our theme—**Water Sensitive Practice. Every city. Every day.**—highlights the potential of water sensitive cities. In the future, no matter which city we visit, we'll see these practices being used daily, in projects big and small.

Of course, we're not there yet. After 9 years of research and collaboration, we have filled many of the big knowledge gaps that previously stood in our way. We have converted this new knowledge into tools and guidelines, and we are now deploying them in real projects.

This conference is both a celebration of how far our cities have come and an exploration of the next steps.

Our collective role is to steer these next steps.

At the 5th Water Sensitive Cities Conference, we will:

- Learn from case studies, particularly transferable insights about what worked well and what we'd do differently
- Build networks within and between states, so that these lessons can flow
- Showcase the most recent tools emerging from the CRCWSC, and explore how industry has begun to use and evolve them
- Explore how others have scaled up sustainability practice, and what this means for water sensitive cities.

*Ben Furmage
CEO, CRC for Water Sensitive Cities*





Day 1

**Monday
15 March**

Online site tours and workshop

Time	Program	Online	In person
10:50 am	LOG ON TO THE CONFERENCE WEBSITE		
11:00 am	Welcome to the conference —How you can get the most out of the conference	Y	N
11:10 am	Keynote 1 – Herbert Dreiseitl, Dreiseitl Consulting, Germany	Y	N
	Session 1 – Virtual site tours You'll head out on site virtually to see the site's key features and how they operate. Make sure you watch the site tour before joining the live Q&A sessions at the times listed below.	Y	N
Before 12:00 pm	WATCH THE PRE-RECORDED SITE TOURS (BEFORE LOGGING ON FOR THE CONFERENCE WELCOME AT 10:50 AM) Join as many of the 6 site tours as you like. Each site tour takes about 20 minutes.	Y	N
12:00 pm	Tour 1 Q&A – Aquarevo Development, Victoria	Y	N
12:30 pm	Tour 2 Q&A – Bendigo Creek, Victoria	Y	N
1:00 pm	Tour 3 Q&A – Yarrabilba Development, Queensland	Y	N
1:30 pm	Tour 4 Q&A – East Village Development, Western Australia	Y	N
2:00 pm	Tour 5 Q&A – Wharf Street Wetlands, Western Australia	Y	N
2:30 pm	Tour 6 Q&A – Unity Park biofilters, wetlands and MAR scheme, South Australia	Y	N
12:30 pm – 2:00 pm	Session 2 – Integrating water and land use planning workshop This workshop will explore the integration of urban land use planning with water system planning to create opportunities for water sensitive solutions through urban development processes.	Y	N

Day 2

**Tuesday
16 March**

State conference day at SA Water House – South Australia

Time	Program	Online	In person
9:00 am	REGISTRATION AT SA WATER HOUSE OR LOG ON TO THE CONFERENCE WEBSITE		
9:30 am	Welcome by SA Reginal Advisory Panel Chair	Y	Y
9:40am	Building the business case for water sensitive city retrofit in South Australia <ul style="list-style-type: none"> • How water performance analysis can inform the business case A/Prof. Steve Kenway, University of Queensland • Benefit: cost analysis for Salisbury East water sensitive precinct Mellissa Bradley, Water Sensitive SA • Quantifying the economic value of urban heat mitigation and precinct scale water sensitive approaches at Fishermans Bend, Melbourne Kym Whiteoak, Canopy Economics and Policy • Community willingness to pay for green open space MD Sayed Iftekhar, Griffith University • Constructing a business case for water sensitive investments – A guideline for local government, Rob Catchlove, Wave Consulting 	Y	Y
11:00 am	Session 3 – Opening remarks Ben Furmage, CEO, CRCWSC Keynote 2 – Distinguished Professor Billie Giles-Corti , RMIT	Y	Y
12:00 pm	LUNCH		
1:00 pm	Can we achieve zero net urban heat island increase from urban development and infrastructure projects? <ul style="list-style-type: none"> • Adelaide: A National Park City - the role of waterways Brenton Grear, Green Adelaide • Reimagining our streetscapes to optimise urban greening and cooling Maggie Hine, Maggie Hine, City of Port Adelaide Enfield • Planning tools for urban heat mitigation Julian Marchant, Edge Environment 	Y	Y
3:00 pm	BREAK		



Day 2

**Tuesday
16 March**

State conference day at SA Water – South Australia (cont.)

Time	Program	Online	In person
3:30 pm	Session 4 – How do the CRCWSC's tools fit together? Insights from the CRCWSC Integrated Case Studies <ul style="list-style-type: none"> • Townsville, Queensland Townsville City Council • Norman Creek, Queensland Brisbane City Council • Salisbury, South Australia CRCWSC • Knutsford, Western Australia Urbaqua • Insights for the CRC tools CRCWSC 	Y	Y
4:30 pm	Join us for networking and to launch the CRCWSC's Knowledge Platform	N	Y
6:30 pm	Evening – Join us for an informal dinner	N	Y

Day 3

**Wednesday
17 March**

National conference day – online

Time	Program	Online	In person
2:35 pm	LOG ON TO THE CONFERENCE WEBSITE		
2:45 pm	Welcome to the National Conference Day Here, we'll introduce a National Webinar series to wrap up the 5th Water Sensitive Cities Conference, featuring case studies from Australia and beyond.	Y	N
3:00 pm	Session 9 – We want water sensitive cities. How do we foster the political change? Our first webinar is a panel discussion featuring: <ul style="list-style-type: none"> • Dr Jane Doolan, Commissioner, Productivity Commission • Mike Rowe, Department of Water and Environmental Regulation, Western Australia • David Ryan, Chief Executive, SA Water • Deb Brown, Director Resilient Cities and Towns, Department of Environment, Land, Water and Planning, Victoria • Adam Lovell, Executive Director, Water Services Association of Australia • Maryam Heshmet, Executive Coordinator Strategic Planning, City of Gold Coast Go to the conference website to find out how to submit a question to the panel.	Y	N
3:45 pm	Marking the completion of the CRC for Water Sensitive Cities CRCWSC Chair, Cheryl Batagol	Y	N
4:30 pm	CLOSE		



Day 4

**Thursday
18 March**

Online training day

There are limits on participant numbers for these training sessions.

Go to the [conference website](#) to learn more.

Time	Program	Online	In person
10:20 am	LOG ON TO THE CONFERENCE WEBSITE		
10:30 am	Training session 1 – select one training course User training on selected CRCWSC tools and guidelines: <ol style="list-style-type: none"> 1. Visioning including the Water Sensitive Cities Index 2. Economics, including the INFFEWS Tool 3. Urban design, including the Infill Development Typologies 4. The Scenario Tool This training is aimed at new users of these tools and guidelines. Read more about the training on the conference website .	Y	N
12:30 pm	BREAK		
1:30 pm	Training session 2 – select one training course User training on selected CRCWSC tools and guidelines: <ol style="list-style-type: none"> 5. The NEW Actions module of the Water Sensitive Cities Index 6. Water cycle assessment using mass balance approaches and the SUWMBA Tool 7. Managing urban waterways and groundwater systems, including the RESTORE Tool and Riparian Guidelines This training is aimed at new users of these tools and guidelines. Read more about the training on the conference website .	Y	N
3:30 pm	CLOSE		



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