



Living streams

Nature-based solutions for urban stormwater management

Venue:	Online		
Date:	Thursday 10 August 2023		
Registration:	12:20pm AEST	11:50am ACST	10:20am AWST
Time:	12:30-2:30pm AEST	12:00-2:00pm ACST	10:30am AWST

Overview

Communities in urban areas are seeking connection with nature, while governments are looking for initiatives that cool urban landscapes and make our cities more biodiverse. Living streams offer a sense of place and community, connectivity and recreational opportunities along a network of linear trails. The act of daylighting creeks – opening up buried watercourses and restoring them to more natural conditions – brings stormwater to the surface, retains water in the environment, provides opportunities to slow the flow and remove pollutants, and enhance habitat for local fauna. In this webinar we share the experiences of practitioners from across Australia who have transformed communities with a commitment to nature-based solutions for stormwater management through living streams.

Program

Time ACST	Topic	Who
11:45am	<i>Registration</i>	
12:00pm	Introduction	Mellissa Bradley Water Sensitive SA
12:02pm	Water management from a traditional owner's viewpoint, South Australia Significant potential exists for better management of urban waterways through legislative protection of rivers as a living entity, with guardianship by traditional owners, and establishment of trusts to buy back land.	Corey Turner Southern Cultural Immersion
12:20pm	Living waterways framework, Queensland The living waterways framework promotes the integration of stormwater systems and stormwater treatment into natural landscapes by incorporating the natural, historical and cultural elements of a site. It encourages interaction with water to inspire, promote adventure and discovery, and to educate visitors about the delicacy of our ecosystems.	Rachael Nasplezes & Georgia Gidden Healthy Land & Water
12:38pm	New Town Rivulet project, Tasmania The City of Hobart, in partnership with Glenorchy City Council, plans to restore the mouth of New Town Rivulet to a more natural, estuarine landscape, enhance the health of the River Derwent and protect habitat for local birdlife, while addressing the increasing risk of erosion from deteriorating concrete embankments.	Nigel Vivian Sugden & Gee
1:56pm	Fairwater riparian corridor rehabilitation, New South Wales Insights into the drivers for the riparian corridor design to bring nature-based solutions into Fairwater, NSW's first 6 Star Green Star – Communities rating.	David Knights Civille



1:14pm	<p>Re-creating Neerigen Brook, Western Australia</p> <p>Neerigen Brook is a living stream created from an agricultural drain as part of the subdivisional and development process at the Springtime Development in WA. The brook was designed and constructed by the developer and is now managed by the Local Government as public open space.</p>	Helen Brookes Urbaqua
1:32pm	Panel discussion	
2:00pm	<i>Close</i>	

For more information, contact Kathryn Bothe, Communication & Events Manager, Water Sensitive SA – kathryn@watersensitivesa.com, 0438 114 994.

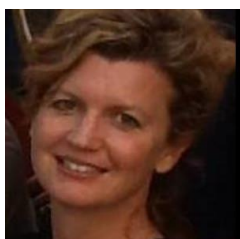


Presenters



Corey Turner, Owner, Southern Cultural Immersion

Corey is a Kurna man living on Kurna Yerta in Adelaide. His passion for his culture is the building block for Southern Cultural Immersion, which came to life in 2019. Building on his successful career spanning over 30 years within the field of Aboriginal community engagement and affairs, Corey looks forward to building strong connections with the community to foster meaningful and respectful reconciliation.



Rachael Nasplezes, Team Leader Climate Adaptation, Healthy Land & Water

Rachael is an experienced professional with a demonstrated history of working in the environmental services industry, and more recently moving into business development. With a career spanning over 20 years, Rachael is a wildlife biologist by trade, with extensive experience in catchment and natural resource management.



Georgia Glidden, Scientist, Healthy Land & Water

Georgia is a scientist and science communicator at Healthy Land & Water. As part of the Water by Design team, she coordinates the Living Waterways program, a suite of on-ground projects that align traditional stormwater principles with place-making benefits to deliver multiple benefits to the environment and the community.

Georgia is passionate about making science accessible and engaging for all audiences, and finding creative communication solutions to improve education around environmental issues.



Nigel Vivian, Senior Project Manager, Sugden & Gee

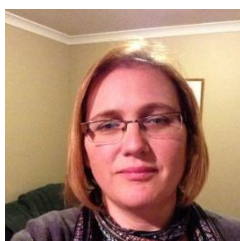
Nigel currently manages various projects in the Greater Hobart area including the New Town Rivulet Estuary Restoration project on behalf of the City of Hobart. This project is being delivered in partnership with Glenorchy City Council as the rivulet sits on the boundary of the two municipalities.

Since graduating as a Civil and Environmental Engineer, Nigel has gained over 20 years' experience on a variety of water related projects including water and wastewater conveyance and treatment, effluent reuse, drainage and water sensitive urban design. His recent involvement in the New Town Rivulet Estuary Restoration project has included development of the design by REALM Studios and Alluvium, through engagement with key stakeholders and the community to understand and address opportunities for improvement.



David Knights, Director, Civile

David is a designer with more than twenty years' experience in strategic planning, public open space design, green infrastructure design and sustainable urban water management, delivering feasibility and strategic studies, concept design, detailed design and construction documentation. David works effectively across multiple disciplines to deliver integrated design outcomes. David has been at the forefront of leading innovative green infrastructure designs including stormwater treatment harvesting and reuse projects, greywater wetlands, green wall and green roof treatment systems. David's projects have won landscape architecture, engineering and planning industry awards.



Helen Brookes, Director, Urbaqua

Helen is the principal hydrologist at Urbaqua, and has more than 15 years' experience in the environmental and water sectors in Australia and the UK.

Helen is experienced in project management, developing policy and strategic advice; hydrologic and hydraulic modelling and conceptual design of drainage and wastewater networks; receiving water quality modelling; statistical analysis; and assessment of future risk. Helen is a respected and responsible advocate of innovative and environmentally sensitive development within the Western Australian urban water industry.

National WSUD Community of Practice - building capacity in integrated water management

