

WHERE SHADE HITS THE PAVEMENT

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citygreen
URBAN LANDSCAPE SOLUTIONS

A Green & Blue Urban Planning & Development Summit



Date: Wednesday, 27 March 2024
Place: Brisbane Powerhouse Underground Theatre
Time: 8:00am – 4:30pm

Ticket Prices | Early bird tickets – \$171 (register by 7 March)
General admission – \$245

GET TICKETS

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Event Partners



The Blueprint for Sustainable Cities

Citygreen proudly presents the highly anticipated sequel to last year's groundbreaking event. Join us for "Where Shade Hits the Pavement 2024," a gathering of thought leaders and professionals committed to shaping a sustainable future through the lens of green infrastructure.

- Discover:** Actionable solutions to combat urban heat and preserve vital green spaces
- Engage:** With experts in urban planning, sustainability, healthcare, environmental science, and local government
- Explore:** The latest research and trends in green infrastructure
- Learn:** How sustainable urban planning not only enhances the quality of life but also contributes to the economic well-being of communities
- Takeaway:** Innovative strategies and proven methodologies for creating resilient, sustainable cities

Expert guest speakers will share insights that redefine how we perceive and implement green spaces, demonstrating their impact on our daily lives and the broader community.

You can expect innovative strategies and proven methodologies for creating resilient and sustainable cities. Don't miss this opportunity to be inspired by and connect with the minds that are redefining the future of our cities!



The Agenda



Time Speaker

8 am **MC, Rob Garland**
[Citygreen](#)
Welcome

8.05 am **Cr Tracy Davis**
Civic Cabinet Chair for Environment, Parks & Sustainability and Councillor
[McDowall Ward, Brisbane City Council](#)
Keynote Address & Acknowledgement of Country

8.10 am **Prof Michelle Leishman**
[Which Plant Where](#)
Future proofing urban landscape projects with climate-ready species tool

Which Plant Where is underpinned by the latest scientific evidence, providing growers, nurseries, landscape architects and urban greening professionals with integrated tools and resources to develop resilient and sustainable urban green spaces for the future. Learn how to confidently select plants that will thrive for future generations.

8.30 am **Gareth Loveridge** **International guest speaker**
[Swift Company](#)
Finding Spaces For Urban Trees

Exploring recent examples of project installations in Seattle, Washington, using soil cells to 'hold' space and provide more opportunities for trees to create 'place' for people.

9 am **Paul Hardyman**
[Urbis](#)
Streets Ahead – Making Great Streets for People

What creates a great place? The buildings, open spaces, trees, nature, climate, people? The movement corridors connecting all of the above hold the key, i.e. our streets. Great places often have great streets. Great streets often have great trees. So why are so many of our streets of such poor quality? Find potential solutions to retrofit existing streets and design successful new ones where trees are the heroes.



The Agenda



9.30 am **Tony Cox**
[Clouston Associates](#) / [Beveridge Williams](#)
What Is The Reality Of An Urban Forest?

Drawing on observations of tree planting in Darwin since 1985, Tony will review and highlight what has worked, what has not worked, and what still remains a challenge.

10 am **Q&A Panel**

10.15 am **Morning Tea**

10.45 am **Dr Lyndal Plant**
[Urban Forester](#), TreeNET National President
Canopy Cover Targets – Powerful Drivers For Investment In Greener Cities

Canopy cover targets are an integral part of urban greening strategies, supported by well-researched associations between the extent of tree canopy cover at neighbourhood scale and benefits to human health, urban heat mitigation, and stormwater runoff management. Dr Plant will highlight techniques used to set local targets and their role alongside other drivers for investment in greener cities.

11.15 am **Simon Leake**
[SESL Australia](#)
Soils for Tree Vault Design

The use of properly designed tree vault systems frees the soil designer from the tyranny of compaction. We no longer need to use sandy soils with poor nutrient and water holding. Leake will share insights and lessons learned from the Sydney 2000 Olympics precinct design, the issues involved in soil volume estimates for street trees, the exciting possibilities for further development of tree vault soil, and some of the pitfalls of commercially available soil.



The Agenda



11.45 am **Dr Christopher Walker**

[Covey Associates](#)

Combining the 'blue' and the 'green': Real-world benefits from integrating street tree health with stormwater treatment

Exploring the advantages of a novel stormwater treatment system that integrates both water management and green infrastructure to significantly improve street tree health, growth, and canopy cover while simultaneously treating stormwater runoff from urban developments.

12.15 pm **Q&A Panel**

12.30 pm **Lunch**

1 pm **Dr Ruby Michael**

[Griffith University](#)

Throwing shade: an opportunity to rebuild flourishing ecosystems

Designed soil-plant systems are needed to address a range of challenges in our urban environment: to assist with improving water, air, soil and ecosystem quality; and as a part of living harmoniously within a natural system. How can we ensure our design choices maximise benefit, and reduce the potential for perverse outcomes? How can we address our disciplinary blind spots and work together to create designs where people and nature flourish?

1.30 pm **Dr Nicole Sleeman, MD**

[Doctors For the Environment Association](#)

Designing Communities For Health In A Changing Climate

Human health is intimately related to, and ultimately dependent upon, the health of the ecosystems we are a part of. In an increasingly urbanised world, how can we design our urban spaces to protect and promote health and well-being?



The Agenda

2 pm **Thomas Gooch**
[Office of Planetary Observations](#)
Get Easy Access to Greening Data, Insights & Actions

OPO is on a mission to green the world's 10,000 cities by making greening data easily accessible to city makers for measuring, monitoring, planning, and reporting on greening initiatives. OPO does this by fusing city planning expertise with satellite remote sensing for providing tree canopy, urban heat island, and tree planting metrics, insights, and actions.

2.30 pm **Q&A Panel**

2.45 pm **Belinda Bean**
[Greener Spaces Better Places](#)
Greening Australia: Standards & Recognition for Urban Green Infrastructure

We don't have clear rules for green infrastructure in Australia yet, but Greener Spaces Better Places is working towards it. The National Urban Green Infrastructure Handbook is the starting point. It's not just about rules; it's about making sure green infrastructure gets the same attention, rigour and funding as regular - or 'grey' - infrastructure projects. Learn about the Standards Australia framework for Urban Green Infrastructure and how to use it in your next project.

3.20 pm **Closing Remarks & Acknowledgements**

3.30 pm **Networking & Drinks**

4.30 pm **Event Closure**



Our Speakers

Tony Cox

Tony Cox is the NT Manager of Landscape Architecture at CLOUSTON Associates. Practising since 1986, his career spans across Sydney, Perth, Brisbane, and England. He's been instrumental in urban design and conservation projects in northern and central Australia and his focus in the last decade has been on urban forests, cooling strategies, and climate-positive design, leading to award-winning projects like 'Cooling Darwin' recognised by AILA SA/NT and AILA National Award in Urban Design.



Belinda Bean

Belinda Bean has her Masters in Sustainable Development. She uses those skills as the strategic lead for Greener Spaces Better Places - a national collective impact initiative that ensures that as our cities and towns grow, so too do our green spaces. Greener Spaces Better Places is a movement that brings together community, growers, government, business, and everyday people just like you to make our homes, streets, and suburbs the greenest in the world.



Thomas Gooch

Thomas Gooch is the Founder/CEO of Office of Planetary Observations (OPO). With a background in Landscape Architecture and 20 years of experience, he has seamlessly blended his passion for nature with cutting-edge technology, particularly satellite remote sensing, to revolutionise city planning and combat climate change. Founded in 2019, OPO recognises the urgent need for city planners to have access to environmental analytics for informed design decisions.



Paul Hardyman

Paul is a Brisbane-based Registered Landscape Architect with over 35 years of experience and was a Registered Consulting Arborist for more than 20 years. He leads the large Brisbane design team at national multi-disciplinary firm, Urbis. He's lived and worked in Sydney, Hong Kong, Melbourne and Brisbane, and has a strong knowledge of the history of tree planting since European arrival. He often finds himself designing at the complex interface between trees and available soil in tight urban or on-structure settings.



Simon Leake

Simon Leake is the Technical Director and Founder of SESL Australia. With over 40 years of experience, Leake is Australia's expert in Soil Science, rehabilitation, and reconstruction in mine sites and urban renewal projects, field pedology, soil chemistry, soil physics, waste-to-land application, and environmental contamination. With extensive experience in composting and waste resource recycling to land, he's published the practical guide, "Soils for Landscape Development."



Dr Nicole Sleeman

Dr Sleeman is a GP who actively educates, advocates, and campaigns for climate action for the sake of human health. She joined Doctors for the Environment Australia (DEA) in 2017 and is passionate about planetary health – the concept that human health is intimately linked to, and ultimately dependent upon, the health of the planetary ecosystems within which we exist. With post-graduate studies in Public & Environmentally Sustainable Health, she ran as a candidate in the 2024 council elections, with a desire to improve community health in a changing climate.



Our Speakers

Gareth Loveridge

With over 25 years of experience, Gareth Loveridge is a passionate advocate for sustainable and integrated public spaces. Renowned for his quick strategic thinking on complex projects, he fosters a synthesis between buildings, landscapes, and communities. His portfolio includes the Climate Pledge Arena, DuPen Fountain Renovation at Seattle Center, 800 5th Avenue Courtyard Renovation, and the Starbucks HQ Entry Plaza.



Dr Lyndal Plant

With 25 years in local government urban tree management, policy, and planning, and a PhD in urban forest econometrics, Dr Plant brings extensive experience to her role as a consultant. Her expertise lies in aligning organisational goals with urban forest projects, policy development, and innovative initiatives. Dr Plant has published and co-authored several journal articles and as Chair of the national NPO, TREENET, she has played a pivotal role in promoting collaboration and best practices for healthy, productive, and enduring urban forests.



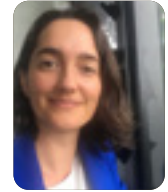
Dr Christopher Walker

Dr Walker is a Director of Covey Associates, as well as an Adjunct Associate Professor at UniSA and UniSC. With significant experience in the design and management of green infrastructure and nature-based solutions, he's developed several novel WSUD measures. He's managed major civil and green infrastructure projects across Australia, Asia, and North America. Dr Walker also works with universities and research organisations, including MIT and the CSIRO, on a range of research projects focused on water quality improvement.



Dr Ruby Michael

Dr Ruby Michael is a Senior Lecturer in ecological engineering specialising in living green infrastructure and landfill phytocapping. She is also the Founding Director of the award-winning Green Infrastructure Research Labs (GIRLS) in Cities Research Institute, Griffith University. Green Infrastructure Research Labs is an interdisciplinary team united by a vision to reinstate soil and plant ecosystems for the benefit of the people, climate and biodiversity. Working at the intersection between engineering, ecology and design, Dr Michael and her team design, prototype and build full-scale green infrastructure solutions that meet engineering performance objectives and demonstrate ways to incorporate nature back into our environment.



Prof Michelle Leishman

Michelle Leishman is a Distinguished Professor and Director of the Smart Green Cities Research Centre at Macquarie University. She is a plant ecologist with broad expertise in invasive plants, climate change adaptation and urban greening. Much of her research has been translated to effective on-ground and policy advice for practitioners and government, including the development of widely used online tools including weedfutures.net for assessment of climate change impact on exotic plant species in Australia, whichplantwhere.com.au for urban plant species selection under climate change, and the Gardening Responsibly program for promoting low-risk plants to protect Australia's biodiversity. Michelle is the recipient of the NSW Royal Society 2020 Clarke Medal – Botany, the NSW Premier's Prize for Excellence in Biological Sciences and was named as the Journal of Ecology's 2021 Eminent Ecologist. She is a Trustee of the Royal Botanic Gardens and Domain Trust and Chair of the Australian Institute of Botanical Science Advisory Council.

