



Association of  
Land  
Development  
Engineers

# ALDE 2024 CONFERENCE

19 - 21 August 2024 / Mantra Lorne

Connecting the Pieces:  
Crafting the Future  
of Land Development

**PROGRAM**





## CONFERENCE PROGRAM – MONDAY, 19 AUGUST 2024

<b>3:00pm</b>	<b>Conference Registration</b>
<b>4:00pm – 6:00pm</b>	<p><b>Conference Welcome Reception</b> Seagrass Lawn, Mantra Lorne</p> <p>Join us for drinks, nibbles and networking with colleagues and exhibitors. The Welcome Reception will be held the evening before the Conference commences. This is a valuable opportunity for delegates to connect and engage before we get underway with the 2024 Conference program.</p>

## CONFERENCE PROGRAM – TUESDAY, 20 AUGUST 2024

<b>6:30am – 7:00am</b>	<p><b>Yoga for ALDE Attendees</b> Indoor Pool Area, Mantra Lorne</p> <p>Start your conference day with tranquility and focus by joining our morning yoga session. Designed for all levels, this relaxing practice will help you unwind, clear your mind, and energise your body. Escape the hustle and bustle, connect with your breath, and set a positive tone for the day ahead.</p>
<b>8:00am</b>	<b>Conference Registration – Tea and Coffee on Arrival</b>
<b>Room</b>	<b>Convention Centre</b>
<b>Chair:</b>	Jamie Tainton
9:00am	<p><b>Welcome to ALDE 2024 Conference</b> <b>Jamie Tainton</b>, Conference Convenor, ALDE 2024 Conference</p>
9:10am	<p><b>Welcome to Country</b> <b>Ebony Hickey</b>, Eastern Maar Peoples</p>
9:15am	<p><b>President’s Welcome</b> <b>Anthony Grodzki</b>, President, ALDE</p>
9:25am	<p><b>Welcome to Lorne</b> <b>Cr Mike Bodsworth</b>, Deputy Mayor, Surf Coast Shire Council</p>
9:40am	<p><b>Keynote Presentation: Designing and creating resilient sustainable communities to meet future challenges</b> <b>Brendan Condon</b>, Project Director, The Cape Sustainable Community, Cape Paterson</p>
10:25am	<p><b>Platinum Conference Sponsor Welcome</b> <b>Tim Vass</b>, Senior Principal Environmental Consultant, Tonkin + Taylor</p>
<b>10:30am</b>	<b>Morning Tea</b>
<b>11:00am</b>	<b>Move to the Convention Centre</b>



<b>Chair:</b>	Tony Ilijoski		
11:05am	<p><b>Melbourne Retail Water Agencies and Barwon Water Panel</b> Facilitator: <b>Adam Heaton</b>, Acting Team Leader, Connections &amp; Technical Services, Greater Western Water</p> <p>Panellists: <b>Gerard Thurbon</b>, Acting Developer Relationship Lead, Greater Western Water <b>Chris Molloy</b>, Land Development Lead, Barwon Water <b>Michael Thomas</b>, Intelligent Water Networks (IWN) <b>Giuliano Gava</b>, Group Manager, Development Solutions, South-East Water <b>TBC</b>, Yarra Valley Water</p> <p>This will be an interactive panel discussion showcasing the collaborative approaches across water authorities influencing liveable communities and IWN's role as catalyst for transformation of the water industry.</p>		
<b>12:10pm</b>	<b>Lunch</b>		
<b>1:10pm</b>	<b>Move to Breakout Rooms</b>		
<b>Stream</b>	<b>Innovative Design</b>	<b>Collaboration with Land Development</b>	<b>Innovative Design - Stormwater</b>
<b>Room</b>	<b>Convention Centre Room 1</b>	<b>Convention Centre Room 2 &amp; 3</b>	<b>Heritage Room 3</b>
<b>Chair</b>	<b>Snezana Cutajar &amp; Chris Cathcart</b>	<b>Mark Fleming</b>	<b>Ehab Saad</b>
1:15pm	<p><b>Clever and Creative Corridors and Streetscapes</b> Mr Chris DeSilva, Mesh</p>	<p><b>Waste Tyre Permeable Pavements: Field Monitoring Results of Three Different Applications in Urban Developments</b> A/Prof Mahdi Disfani, The University of Melbourne</p>	<p><b>What is normal? Investigating an unusual NWL on a constructed wetland</b> Mr Peter Skinner, DCE</p>
<b>1:45pm</b>	<b>5 Minute Room Change</b>		
1:50pm	<p><b>Engineering a Better Urban Greening Outcome</b> Mr Ray Verratti, Verve Projects</p>	<p><b>The Importance of Good Geotechnical Investigations</b> Mr Frank Tostovrsnick, Site Geotechnical</p>	<p><b>Integrated Water Management – The Pathways to Acceptance</b> Mr Aaron Dowling, E2designlab</p>
<b>2:20pm</b>	<b>5 Minute Room Change</b>		
2:25pm	<p><b>Branching Connections: Street Trees as Vital Puzzle Pieces in Urban Landscapes</b> Mr Quok Ho, Precinct Land Consultants</p>	<p><b>Deciphering the Victorian Regulations &amp; Guidelines: When is Fill Material Truly 'Fill Material'?</b> Mr James Allison, Tonkin + Taylor</p>	<p><b>An introduction to sodic soils and management plans in a land development context</b> Mr Trevor Smith, Tonkin + Taylor</p>
<b>2:55pm</b>	<b>5 Minute Room Change</b>		



3:00pm	<p><b>Bedrock Modelling Utilising Geophysical Survey to Assist the Land Development Industry in Greater Melbourne, VIC</b></p> <p>Mr Tavis Lavell, MNG</p>	<p><b>Case Study: Combining geophysical and geotechnical studies at the Greenhill Reserve to optimise land development</b></p> <p>Mr Timothy Hodgson, Ground Science</p>	<p><b>Improving WSUD Design Outcomes Through Better Auditing of MUSIC Models</b></p> <p>Mr Gregory Chian, Cleanstormwater</p>
<b>3:30pm</b>	<b>Afternoon Tea</b>		
<b>4:00pm</b>	<b>Move to the Convention Centre</b>		
<b>Chair:</b>	<b>Jamie Tainton</b>		
4:05pm	<p><b>Gold Conference Sponsor Address</b>  <b>Dr Lee Gregory</b>, Managing Director of 12d Solutions and Chairman of 12d Synergy</p>		
4:10pm	<p><b>ALDE Feedback Forum</b>  <b>Anthony Grodzki</b>, President, ALDE  <b>Jamie Tainton</b>, Executive, ALDE Board  <b>Quok Ho</b>, Vice-President, ALDE</p> <p>All are invited to join the ALDE Executive to hear an update on the progress being made by the Association, upcoming advocacy projects and events. This interactive session will seek feedback from the audience to help shape strategy for ALDE moving forward.</p>		
<b>4:55pm</b>	<b>Day One Wrap Up and Close</b>		
5:00pm	<p><b>Submission Feedback Session</b>  <b>Anthony Grodzki</b>, President, ALDE</p> <p>By 2051, Victoria's population is expected to grow from over six million to 10.3 million people. The Government is now seeking input from the civil industry to help shape its future vision for the state. ALDE is preparing a submission to the Government on behalf of our members, and we are requesting your ideas. Your valuable input will ensure that our industry has a strong voice in guiding and influencing this State Government initiative. For more information, visit - <a href="https://engage.vic.gov.au/project/shape-our-victoria/participate">https://engage.vic.gov.au/project/shape-our-victoria/participate</a></p>		
<b>Room</b>	<b>Heritage Ballroom</b>		
<b>MC</b>	<b>Jamie Tainton</b>		
6:30pm – 11:00pm	<p><b>ALDE 2024 Conference Dinner</b>  Heritage Ballroom, Mantra Lorne</p> <p>The Conference Dinner is a must-attend event for delegates. Beyond providing a delightful culinary experience, the dinner offers a unique opportunity for attendees to unwind, forge deeper connections, and engage in informal discussions with peers, speakers, and industry leaders. Hear from our Dinner Speaker, <b>Steve Moneghetti</b>, one of Australia's greatest ever distance runners, coach us through long-term goal setting, leadership, personal development &amp; how to get there 'in the long run'.</p> <p>*Additional ticket cost applies</p>		



## CONFERENCE PROGRAM – WEDNESDAY 21 AUGUST 2024

8:00am	<b>Conference Registration – Tea and Coffee on Arrival</b>		
Room	Convention Centre		
Chair	Quok Ho		
8:30am	<b>Welcome to Day Two</b> Quok Ho, Vice-President, ALDE		
8:40am	<b>Keynote Presentation: Decoding the Data Puzzle - Trends in Spatial Data Management and Sustainability from a Surveyor's Perspective</b> Kellie Dean, General Manager – Property Survey, Veris		
9:25am	<p><b>Panel Session: Green Streets</b> Facilitator: <b>Anthony Grodzki</b>, President, Association of Land Development Engineers</p> <p>Panellists: <b>Amanda Smith</b>, Director City Operations, Wyndham City Council <b>Matthew Bradbury</b>, Business Manager - Melbourne Landscape Architecture, Spiire <b>Dr Jasmine Thom</b>, Manager – Partnerships, Greater Western Water <b>Peter Gillham</b>, Senior Quality Assurance Officer (Field Audit and Quality), Powercor</p> <p>Urban greening integrates natural elements like trees, plants, water features, and green spaces in cities to boost sustainability, combat the urban heat island effect, and enhance air and water quality, alongside offering social and health advantages. The panel session aims to scrutinise and innovate the delivery of infrastructure in urban streets, with representatives from diverse sectors like local government, electrical distribution, water retailers, and landscape architecture. Attendees will gain valuable insights into the future planning of streetscapes, making this session a must-attend.</p>		
10:55am	<b>Gold Sponsor Address</b> Steve Skinner, Sales & Business Development Manager, Road Safety Grating		
11:00am	<b>Morning Tea</b>		
11:30am	<b>Move to breakout rooms</b>		
Stream	<b>Innovative Design</b>	<b>Collaboration with Land Development</b>	<b>Smart Software Use</b>
Room	Convention Centre Room 1	Convention Centre Room 2 & 3	Heritage Room 3
Chair	Carl Rohde	Alex Reid	Kim Dinh
11:35am	<p><b>Compulsory acquisition of Easements via Section 36 Subdivision Act</b> Mr Mark Fleming, Verve Projects</p>	<p><b>Deciphering the Victorian Regulations &amp; Guidelines: Environmental Auditing</b> Mr Tim Vass, Tonkin + Taylor</p>	<p><b>Innovating Land Development Engineering using Civil Site Design Plus</b> Mr Shane O'Rorke, Civil Survey Solutions</p>
12:05pm	<b>5 Minute Room Change</b>		



12:10pm	<b>The Path to Collaborative Innovation in Land Development</b> Ms Hanna Hartenthaler and Mr Anil Dilman, Arcadis	<b>Design of Geogrid Reinforced Pavements</b> Mr Wayne Alexander, Southern Geosynthetics Supplies	<b>ALDE &amp; 12d Model Introduction to Land Development Design Training Course</b> Mr Matthew Stephens, 12d Solutions
12:40pm	<b>Lunch</b>		
1:40pm	<b>Move to breakout rooms</b>		
<b>Stream</b>	<b>Innovative Design</b>	<b>Collaboration with Land Development</b>	<b>Smart Software Use</b>
<b>Room</b>	<b>Convention Centre Room 1</b>	<b>Convention Centre Room 2 &amp; 3</b>	<b>Heritage Room 3</b>
<b>Chair</b>	<b>Simon Baek</b>	<b>Tony Ilijoski</b>	<b>Craig Doubleday</b>
1:45pm	<b>The use and selection of materials in the innovative design of sewers</b> Mr Don Tasevski, Iplex Pipelines	<b>Blends of recycled aggregates for backfilling excavated pipeline trenches in trafficable areas</b> Mr Ernie Gmehling, Ground Science	<b>Installed Design Software for concrete pipe provides peace of mind</b> Mrs Karen Thompson, CPAA
2:15pm	<b>5 Minute Room Change</b>		
2:20pm	<b>Designing Stormwater Pipes to Satisfy Victoria's Recycled First Policy While Maintaining a Long Design Life</b> Mr Ian Paterson, Vinindex	<b>Groundwater issues and land development in the southeastern suburbs</b> Mr Erix Delos Santos, Tonkin + Taylor	<b>The use of proprietary design software for designers</b> Mr Don Tasevski, Iplex Pipelines
2:50pm	<b>Afternoon Tea</b>		
3:20pm	<b>Move to Convention Centre</b>		
<b>Chair</b>	<b>Anthony Grodzki</b>		
3:25pm	<b>Keynote Presentation: What is going on at Melbourne Water</b> <b>Craig Dixon</b> , Executive General Manager, Service and Asset Lifecycle, Melbourne Water		
4:10pm	<b>Conference Wrap Up</b> <b>Anthony Grodzki</b> , President, ALDE <b>Jamie Tainton</b> , Conference Convenor, ALDE 2024 Conference <b>Quok Ho</b> , Vice-President, ALDE		
4:20pm	<b>Conference Concludes</b>		