





# PROGRAM



<b>Tuesday 9 July 2024 – Day 1</b>			
12 pm	Registration Desk opens		Ground Level Crown Convention Centre
	<b>CONFERENCE HALL 1</b>	<b>CONFERENCE HALL 2</b>	<b>CONFERENCE HALL 3</b>
1.00 pm – 5.00pm	<b>Master Class 1</b> Barriers <b>Convenor:</b> TBC <b>Speakers:</b> Prof. Kerry Rowe, Prof. Malek Bouazza & Sam Allen  <i>proudly sponsored by</i> 	<b>Master Class 2</b> – Infrastructure <b>Convenor:</b> Liza Du Preez <b>Speaker:</b> Distinguished Prof Jie Han  <i>proudly sponsored by</i> 	<b>Master Class 3</b> – Hydraulics <b>Convenor:</b> TBC <b>Speakers:</b> Dr Danielle Cazzuffi & Graham Fairhead  <i>proudly sponsored by</i> 
5.30 pm – 7.30 pm	<b>Welcome Reception at Exhibition Hall, Crown Convention Centre</b>  <i>proudly sponsored by</i> 		

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# PROGRAM



Wednesday 10 July 2024 – Day 2		
8.00am - 5.00pm	Registration Desk opens	Ground Level
8.00am – 5.40pm	<p>Exhibition opens. 30 Exhibitors: From industry leaders to exciting startups, discover the latest products, technologies, and services tailored to your professional needs.</p> <p>Barista carts available, <i>proudly sponsored by</i></p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	Crown Convention Centre
8.15am-4.00pm	Speaker prep room opens	Conference Hall 2
8.40am	<p><b>Welcome Address</b></p> <p>Conference Convenor, Graham Fairhead, President, ACigs</p>	Conference Hall 1
8.55am	<p>Platinum sponsor presentation</p> <div style="text-align: center;">  <p>by AXTER AUSTRALIA</p> </div>	
9.10am	<p><b>Keynote presentation</b></p> <p>Daniele Cazzuffi</p> <p><b>Advances in the use of geomembranes in embankment and concrete dams: applications for new construction and for rehabilitation of existing structures</b></p>	
10.10am	Gold sponsor presentation	
10.20am–10.50am	<p><b>Morning Refreshments &amp; Opportunity to meet the sponsors and exhibitors</b></p> <p style="text-align: right;"><i>proudly sponsored by</i></p> <div style="text-align: right;">  </div>	



# PROGRAM



10.50am – 12.30pm	CONFERENCE HALL 1 Session 1 .1   Durability and long-term performance 	CONFERENCE HALL 3	
10.50am	<b>Marc Amtsberg, Atarfil Australia</b> Lifetime prediction of polyethylene geomembranes – do more robust options exist to predict product life, and can they be implemented?	<b>John Cowland, Carpi Tech</b> Geomembrane sealing systems for hydraulic structures	
11.04am	<b>Frank Bambino, Excelplas</b> Leveraging NMR for deformation and durability assessment of geosynthetic materials	<b>Gus Martins, HUESKER, Australia</b> PFAS remediation with geosynthetic active geocomposite	
11.18am	<b>Siamak Paulson, Sigma Geo Environment</b> Analysis of geomembrane immersed in brine and mining solutions at elevated temperatures	TBC	
11.32am	<b>Catherine Haynes, Fabtech</b> Aged characteristics of high-performance geomembranes and end-of-life definition	<b>Samir Sneham, HUESKER Australia</b> Leachate pond ballast layer	
11.46am	<b>Liza Du Preez, WSP</b> How much time do I have? Challenges associated with assessment of geomembrane life	<b>Tong Kwan Shen, Solmax Geosynthetics</b> Innovative enhanced drainage geotextiles applied in transportation infrastructure, landfill and recreation area	
12:00pm	<b>Jashwin Bhalla, Fabtech</b> Geomembrane system solution for highly aggressive chemical containment of Urea Ammonium Nitrate (UAN)	<b>Maryam Roshan Mooshaee, The University of Auckland</b> Investigating the Impact of Polymer-Enhanced Bentonite on Geosynthetic Clay Liner’s Performance	
12:14pm	Q&A	Q&A	
12.30pm – 1.20pm	Lunch & Opportunity to meet the sponsors and exhibitors		proudly sponsored by  Exhibition Hall


# PROGRAM



	CONFERENCE HALL 1 Session 1.2   Landfill Barrier Systems 	CONFERENCE HALL 3 Session 2.2   Railway Stabilisation, Reinforced Soil Slopes and Walls, Road and Pavement Stabilisation, Coastal and River Protection
1.20pm	<b>Sam Butler, WSP</b> Design and construction challenges of a large landfill capping project	<b>Amir Shahkolahi, Global Synthetics</b> Ballast Stabilisation to improve the performance of the rail track
1.34pm	<b>Hossein Ghasinejad, WSP</b> Understanding GCL softening impact on disposal facilities stability under high normal pressure and possible mitigation measures	<b>Nariman Khorsandiardebili, University of Technology Sydney</b> Stability design charts for unsaturated geosynthetic-reinforced slopes
1.48pm	<b>Simonne Eldridge, Tonkin &amp; Taylor</b> Design considerations for steep wall liners in landfills	<b>John Buckley, Tensar – A Division of CMC</b> Sustainable pavements with new generation of multi-shape coextruded stabilisation geogrid
2.02pm	<b>Malek Bouazza, Monash University</b> Current construction practice and achievable seepage rates	<b>Abid Ali, Geofabrics Australasia</b> Benefit of mechanical stabilisation in pavements on expansive subgrade
2.16pm	<b>Jonathan Shamrock, Tonkin &amp; Taylor</b> HDPE geomembrane welding with dual track fusion seams, why strength isn't the only thing to be checking	TBC
2:30pm	<b>Kinjal Parmar, Maccaferri</b> Design of geosynthetics for erosion control using RUSLE equation	<b>Mirzi Betasolo, Papua New Guinea University of Technology</b> Geomaterials for Shoreline Protection
2:44pm	<b>Q&amp;A</b>	
3.00pm – 3.30pm	<b>Afternoon Refreshments &amp; Opportunity to meet the sponsors and exhibitors</b>	<i>proudly sponsored by</i>  <b>Exhibition Hall</b>




# PROGRAM



3:30pm	Gold sponsor presentation	Conference Hall 1
3:40pm	<b>Keynote Presentation</b> <b>Malek Bouazza</b> <b>The role of geosynthetics in sustainable clean energy transition: Opportunities &amp; Challenges</b>	
4:40pm – 5:40pm	<b>Poster Session   an opportunity to view the posters and meet the presenters</b>	
7:00pm – 10:30pm	<b>Conference Dinner &amp; Awards</b> <b>River Room, Crown Convention Centre</b>  <i>proudly sponsored by</i> 	

# PROGRAM



Thursday 11 July 2024 – Day 3		
8.15am – 4.00pm	Registration desk opens	Ground Level Crown Convention Centre
8.15am – 3.30pm	<p>Exhibition opens. 30 Exhibitors: From industry leaders to exciting startups, discover the latest products, technologies, and services tailored to your professional needs.</p> <p>Barista carts available, proudly sponsored by</p> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">   </div>	
8.15am-4.00pm	Speaker prep room opens	Conference Hall 2
8.40am	<b>Welcome Day 2</b>	Conference Hall 1
8.45am	<p>Platinum sponsor presentation</p> <div style="text-align: center;">  <p>Sustainable solutions</p> </div>	
9:00am	<p><b>Malek Bouazza Lecture</b></p> <p><b>Kerry Rowe</b></p> <p><b>Geoenvironmental Implications of PFAS in landfills</b></p>	
10.00am	<b>Gold Sponsor presentation</b>	





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10.10am–10.40am	Morning Refreshments & Opportunity to meet the sponsors and exhibitors		proudly sponsored by
10.40am-12.20pm	<b>CONFERENCE HALL 1</b> Session 3.1   Sustainability and green technology	<b>CONFERENCE HALL 3</b> Session 4.1   Durability and long-term performance	
10.40am	<b>Rutuparna Joshi, Watershed Geosynthetics</b> Carbon emissions of closure alternatives for landfills and waste containment areas	<b>Graham Fairhead, Fabtech</b> Does specifying high weld strengths deliver improved weld quality?	
10.54am	<b>John Scheirs, Excelplas</b> Unravelling Microplastic Generation from Geosynthetics: Methods for Capture, Detection, Quantification, and Assessment of Environmental Impact	<b>Eric Blond, Eric Blond Consultant Inc.</b> Behavior of Bituminous Geomembrane Seams Exposed to Tensile Stress	
11.08am	<b>Sadib Bin Kabir, Monash University</b> Water Vapour Diffusion through an HDPE Geomembrane at high temperatures	<b>Mackenzie Logan, WSP Australia Pty Ltd</b> Value of construction quality assurance geomembrane liner systems: A summary of observations associated with dewatering a recently constructed liquor pond	
11.22am	<b>Henning Ehrenberg, Naue Group</b> Sustainable constructions with classic geosynthetics and with new biodegradable materials for special challenges	<b>Drew Crossley, Red Earth Engineering</b> Observations and lessons learnt: Geomembranes in operation	
11.36am	<b>Eduardo Carreras, Atarfil Australia</b> Study of the life cycle of high-performance geomembranes in urban solid waste landfills: an environmental and economic approach	TBC	
11.50am	<b>Tricao Vo, Global Synthetics</b> Geosynthetics clay liners as sustainable alternatives to compacted clay liners: Advantages and limitations	<b>Alex Gersch, Layfield</b> Geosynthetic materials used in the world’s 4 largest potable water floating covers - Design, Materials and life expectancy	

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12.04pm	Q&A	
12.20pm – 1.20pm	Lunch & Opportunity to meet the sponsors and exhibitors	proudly sponsored by  Exhibition Hall
1.20pm - 3:00pm	<p>CONFERENCE HALL 1</p>   <p>Session 3.2   Tailings and mine waste applications, soil-geosynthetic interaction, Hydraulic and stormwater structures</p>	<p>CONFERENCE HALL 3</p> <p>Session 4.2   Landfill barrier systems</p> 
1.20pm	<p><b>Daniel Dohle, ATC Williams</b></p> <p>Considerations in the selection of a lining system</p>	<p><b>Elissar Mikhael, Monash University</b></p> <p>Unintentional environmental exposure of ultra short chain PFAS by geotextiles</p>
1.34pm	<p><b>Don Richardson, WSP</b></p> <p>Sharing lessons learnt during construction of geosynthetic lined containment facilities</p>	<p><b>Andrew Green, WSP</b></p> <p>This Geosynthetic is ok to use .... tell them they're dreaming!!</p>
1.48pm	<p><b>Muhammad Abu Bakar, ATC Williams</b></p> <p>Lining requirements for Lithium Tailings - A review across multiple jurisdictions</p>	<p><b>Xiang Xinyan, Monash University</b></p> <p>Unlocking the first stage of the migration of PFASs through an HDPE geomembrane: partitioning</p>
2.02pm	<p><b>James Hanson, California Polytechnic State University</b></p> <p>Coupled water retention characteristics of GCL/Subgrade soil systems</p>	<p><b>Bilal Enes Taskesti, Monash University</b></p> <p>Modelling transport of PFOS through single composite liner systems</p>
2.16pm	<p><b>Pramod Thakur, WSP</b></p> <p>Construction challenges and lessons learnt from a CSG associated water storage dam upgrade in Queensland</p>	<p><b>Anthony Spiteri, Geofabrics Australasia</b></p> <p>Designing and constructing the Loy Yang Ash Landfill</p>



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2.30pm	<b>Vivi Anggraini, Monash University</b> Durability Prediction of Geotextile Tubes Exposed to Ultraviolet Radiation in Malaysia	<b>Elham Soleimani, Monash university</b> Sorption of Short-Chain and Long-Chain Per- and Polyfluoroalkyl Substances (PFASs) on Polyethylene and Polypropylene Microplastics	
2.44pm	<b>Q&amp;A</b>		
3.00pm – 3.30pm	<b>Afternoon Refreshments &amp; Opportunity to meet the sponsors and exhibitors</b>	<i>proudly sponsored by</i>	<b>Exhibition Hall</b>
			
3.30pm	<b>Keynote presentation</b> <b>Jie Han</b> Recent advances in enhancing sustainability and resilience of infrastructure with geosynthetics		<b>Conference Hall 1</b>
4.30pm	<b>Gold Sponsor Presentation</b>		
4.40pm-5.00pm	<b>Closing Ceremony</b> Awards Ceremony and Thanks Conference Convenor, Graham Fairhead, President, ACigs		

The GEOANZ#2 Conference reserves the right to amend or alter any advertised details relating to dates, program and speakers if necessary and without notice, as a result of circumstances beyond their control. All attempts will be made to keep any changes to an absolute minimum.

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