

# PROGRAM







<b>Tuesday 9 July 2024 – Day 1</b>			
12 pm-5.00pm	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	Welcome Reception at Exhibition Hall, Crown Convention Centre		<i>proudly sponsored by</i> 

<b>NAME BADGE AND LANYARD</b>	<b>DELEGATE MERCHANDISE</b>	<b>GOLD</b>	<b>MOBILE APP</b>
			
			
			
			




# PROGRAM



Wednesday 10 July 2024 – Day 2		
8.00am - 5.00pm	Registration Desk opens	Ground Level Crown Convention Centre
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>	
8.15am-4.00pm	Speaker prep room opens	Conference Hall 2
8.40am-8.55am	<p><b>Welcome Address</b></p> <p>Conference Convenor, Graham Fairhead, President, ACigs</p>	Conference Hall 1
8.55am-9.10am	<p>Platinum sponsor presentation</p> <div style="text-align: center;">  <p>by AXTER AUSTRALIA</p> </div>	
9.10am-10.10am	<p><b>Keynote presentation</b></p> <p><b>Daniele Cazzuffi</b></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-10.20am	<p>Gold sponsor presentation</p> <div style="text-align: center;">  <p>LEADERS IN GEOSYNTHETICS</p> </div>	



# PROGRAM



10.20am–10.50am	Morning Refreshments & Opportunity to meet the sponsors and exhibitors		proudly sponsored by 
10.50am–12.30pm	<b>CONFERENCE HALL 1</b> Session 1 .1   Durability and long-term performance		<b>CONFERENCE HALL 3</b> Session 2.1   Innovative uses and new product development 
10.50am-11.04am	<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-11.18am	<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-11.32am	<b>Siamak Paulson, Sigma Geo Environment</b> Analysis of geomembrane immersed in brine and mining solutions at elevated temperatures	<b>Michael Ayers, Watershed Geo</b> An Innovative Landfill Closure Solution Integrated with Post-Closure Solar Development	
11.32am-11.46am	<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-12.00pm	<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-12.14pm	<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	





# PROGRAM



12:14pm-12.30pm	Q&A	Q&A
12.30pm-1.20pm	Lunch & Opportunity to meet the sponsors and exhibitors	proudly sponsored by  Exhibition Hall
1.20pm-3.00pm	<b>CONFERENCE HALL 1</b> Session 1.2   Landfill Barrier Systems 	<b>CONFERENCE HALL 3</b> Session 2.2   Railway Stabilisation, Reinforced Soil Slopes and Walls, Road and Pavement Stabilisation, Coastal and River Protection
1.20pm-1.34pm	<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-1.48pm	<b>Hossein Ghiasinejad, 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-2.02pm	<b>Simonne Eldridge, Tonkin &amp; Taylor</b> Design considerations for steep wall liners in landfills	<b>Piotr Mazurowski, Tensar – A Division of CMC</b> Sustainable pavements with new generation of multi-shape coextruded stabilisation geogrid
2.02pm-2.16pm	<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-2.30pm	<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	<b>Shelly Wu, Global Synthetics</b> A Review of Geogrid Reinforced Soil Applications
2:30pm-2.44pm	<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-3.00pm	Q&A	



# PROGRAM



3.00pm–3.30pm	<b>Afternoon Refreshments &amp; Opportunity to meet the sponsors and exhibitors</b>	<i>proudly sponsored by</i>  <b>Tonkin+Taylor</b>	<b>Exhibition Hall</b>
3:30pm-3.40pm	<b>Gold sponsor presentation</b> What can go wrong in liner installation and why is it crucial to having the right CQA on your side	 	<b>Conference Hall</b>
3.40pm-4.40pm	<b>Keynote Presentation</b> Malek Bouazza <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> River Room, Crown Convention Centre  <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>  	
8.15am-4.00pm	Speaker prep room opens	Conference Hall 2
8.40am-8.45am	<b>Welcome Day 2</b>	Conference Hall 1
8.45am-9.00am	<p>Platinum sponsor presentation</p> 	
9:00am-10.00am	<p><b>Malek Bouazza Lecture</b></p> <p>Kerry Rowe</p> <p><b>Geoenvironmental Implications of PFAS in landfills</b></p>	







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10.00am-10.10am	<b>Gold Sponsor presentation</b> 	
10.10am-10.40am	<b>Morning Refreshments &amp; Opportunity to meet the sponsors and exhibitors</b>	
	<i>proudly sponsored by</i>  <b>Tonkin+Taylor</b>	
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
	 <small>A TADMCA COMPANY</small>	
10.40am-11.54am	<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-11.08am	<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-11.22am	<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-11.36am	<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-11.50am	<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	<b>Behnood Olfatpour, Red Earth Engineering</b> A statistical analysis of parameters Influencing the dual track wedge welding of geomembranes

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11.50am-12.04pm	<b>Tricao Vo, Global Synthetics</b> Geosynthetic 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
12.04pm-12.20pm	<b>Q&amp;A</b>	
12.20pm – 1.20pm	<b>Lunch &amp; Opportunity to meet the sponsors and exhibitors</b>	<i>proudly sponsored by</i>  <b>Exhibition Hall</b>
1.20pm - 3:00pm	<b>CONFERENCE HALL 1</b>  <b>Session 3.2   Tailings and mine waste applications, soil-geosynthetic interaction, Hydraulic and stormwater structures</b>	<b>CONFERENCE HALL 3</b>  <b>Session 4.2   Landfill barrier systems</b> 
1.20pm-1.34pm	<b>Daniel Dohle, ATC Williams</b> Considerations in the selection of a lining system	<b>Elissar Mikhael, Monash University</b> Unintentional environmental exposure of ultra short chain PFAS by geotextiles
1.34pm-1.48pm	<b>Don Richardson, WSP</b> Sharing lessons learnt during construction of geosynthetic lined containment facilities	<b>Andrew Green, WSP</b> This Geosynthetic is ok to use .... tell them they're dreaming!!
1.48pm-2.02pm	<b>Muhammad Abu Bakar, ATC Williams</b> Lining requirements for Lithium Tailings - A review across multiple jurisdictions	<b>Xiang Xinyan, Monash University</b> Unlocking the first stage of the migration of PFASs through an HDPE geomembrane: partitioning
2.02pm-2.16pm	<b>James Hanson, California Polytechnic State University</b> Coupled water retention characteristics of GCL/Subgrade soil systems	<b>Bilal Enes Taskesti, Monash University</b> Modelling transport of PFOS through single composite liner systems



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2.16pm-2.30pm	<b>Pramod Thakur, WSP</b> Construction challenges and lessons learnt from a CSG associated water storage dam upgrade in Queensland	<b>Anthony Spiteri, Geofabrics Australasia</b> Designing and constructing the Loy Yang Ash Landfill	
2.30pm-2.44pm	<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-3.00pm	<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-3.40pm	<b>Gold Sponsor Presentation</b> Consideration of sustainability aspects in working platform design using digital optimisation process		
3.40pm-4.40pm	<b>Keynote presentation</b> <b>Jie Han</b> <b>Recent advances in enhancing sustainability and resilience of infrastructure with geosynthetics</b>		<b>Conference Hall 1</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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