





PROGRAM



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

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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>  SOLMAX  </div>	
8.15am-4.00pm	Speaker prep room opens	Conference Hall 2
8.40am-8.55am	<p>Welcome Address</p> <p>Conference Convenor, Graham Fairhead, President, ACigs</p>	Conference Hall 1
8.55am-9.10am	<p>Platinum sponsor presentation</p> <div>  </div>	
9.10am-10.10am	<p>Keynote presentation</p> <p>Daniele Cazzuffi</p> <p>Advances in the use of geomembranes in embankment and concrete dams: applications for new construction and for rehabilitation of existing structures</p>	
10.10am-10.20am	<p>Gold sponsor presentation</p> <div>  Global Synthetics LEADERS IN GEOSYNTHETICS </div>	



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10.20am–10.50am	Morning Refreshments & Opportunity to meet the sponsors and exhibitors			proudly sponsored by	
10.50am–12.30pm	CONFERENCE HALL 1 Session 1 .1 Durability and long-term performance		CONFERENCE HALL 3 Session 2.1 Innovative uses and new product development		
10.50am–11.04am	Marc Amtsberg, Atarfil Australia Lifetime prediction of polyethylene geomembranes – do more robust options exist to predict product life, and can they be implemented?		John Cowland, Carpi Tech Geomembrane sealing systems for hydraulic structures		
11.04am–11.18am	Frank Bambino, Excelplas Leveraging NMR for deformation and durability assessment of geosynthetic materials		Gus Martins, HUESKER, Australia PFAS remediation with geosynthetic active geocomposite		
11.18am–11.32am	Siamak Paulson, Sigma Geo Environment Analysis of geomembrane immersed in brine and mining solutions at elevated temperatures		Michael Ayers, Watershed Geo An Innovative Landfill Closure Solution Integrated with Post-Closure Solar Development		
11.32am–11.46am	Catherine Haynes, Fabtech Aged characteristics of high-performance geomembranes and end-of-life definition		Samir Sneham, HUESKER Australia Leachate pond ballast layer		
11.46am–12.00pm	Liza Du Preez, WSP How much time do I have? Challenges associated with assessment of geomembrane life		Tong Kwan Shen, Solmax Geosynthetics Innovative enhanced drainage geotextiles applied in transportation infrastructure, landfill and recreation area		
12:00pm–12.14pm	Jashwin Bhalla, Fabtech Geomembrane system solution for highly aggressive chemical containment of Urea Ammonium Nitrate (UAN)		Maryam Roshan Mooshaee, The University of Auckland Investigating the Impact of Polymer-Enhanced Bentonite on Geosynthetic Clay Liner’s Performance		

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12:14pm-12.30pm	Q&A	Q&A
12.30pm–1.20pm	<p>Lunch & Opportunity to meet the sponsors and exhibitors</p> <p><i>proudly sponsored by</i>  Tonkin+Taylor</p> <p>Exhibition Hall</p>	
1.20pm-3.00pm	<p>CONFERENCE HALL 1</p> <p>Session 1.2 Landfill Barrier Systems</p> 	<p>CONFERENCE HALL 3</p> <p>Session 2.2 Railway Stabilisation, Reinforced Soil Slopes and Walls, Road and Pavement Stabilisation, Coastal and River Protection</p>
1.20pm-1.34pm	<p>Sam Butler, WSP</p> <p>Design and construction challenges of a large landfill capping project</p>	<p>Amir Shahkolahi, Global Synthetics</p> <p>Ballast Stabilisation to improve the performance of the rail track</p>
1.34pm-1.48pm	<p>Hossein Ghasinejad, WSP</p> <p>Understanding GCL softening impact on disposal facilities stability under high normal pressure and possible mitigation measures</p>	<p>Nariman Khorsandiardebili, University of Technology Sydney</p> <p>Stability design charts for unsaturated geosynthetic-reinforced slopes</p>
1.48pm-2.02pm	<p>Simonne Eldridge, Tonkin & Taylor</p> <p>Design considerations for steep wall liners in landfills</p>	<p>Piotr Mazurowski, Tensar – A Division of CMC</p> <p>Sustainable pavements with new generation of multi-shape coextruded stabilisation geogrid</p>
2.02pm-2.16pm	<p>Malek Bouazza, Monash University</p> <p>Current construction practice and achievable seepage rates</p>	<p>Abid Ali, Geofabrics Australasia</p> <p>Benefit of mechanical stabilisation in pavements on expansive subgrade</p>
2.16pm-2.30pm	<p>Jonathan Shamrock, Tonkin & Taylor</p> <p>HDPE geomembrane welding with dual track fusion seams, why strength isn't the only thing to be checking</p>	<p>Shelly Wu, Global Synthetics</p> <p>A Review of Geogrid Reinforced Soil Applications</p>
2:30pm-2.44pm	<p>Kinjal Parmar, Maccaferri</p> <p>Design of geosynthetics for erosion control using RUSLE equation</p>	<p>Mirzi Betasolo, Papua New Guinea University of Technology</p> <p>Geomaterials for Shoreline Protection</p>
2:44pm-3.00pm	Q&A	

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3.00pm–3.30pm	Afternoon Refreshments & Opportunity to meet the sponsors and exhibitors <i>proudly sponsored by</i>  Tonkin+Taylor	Exhibition Hall
3:30pm-3.40pm	Gold sponsor presentation  	Conference Hall
3.40pm-4.40pm	Keynote Presentation Malek Bouazza The role of geosynthetics in sustainable clean energy transition: Opportunities & Challenges	
4.40pm–5.40pm	Poster Session an opportunity to view the posters and meet the presenters	
7.00pm–10.30pm	Conference Dinner & Awards 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> <div>  SOLMAX  </div>	
8.15am-4.00pm	Speaker prep room opens	Conference Hall 2
8.40am-8.45am	Welcome Day 2	Conference Hall 1
8.45am-9.00am	<p>Platinum sponsor presentation</p> 	
9:00am-10.00am	<p>Malek Bouazza Lecture</p> <p>Kerry Rowe</p> <p>Geoenvironmental Implications of PFAS in landfills</p>	




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10.00am-10.10am	Gold Sponsor presentation 	
10.10am–10.40am	Morning Refreshments & Opportunity to meet the sponsors and exhibitors <p style="text-align: right;"><i>proudly sponsored by</i>  Tonkin+Taylor</p>	
10.40am-12.20pm	CONFERENCE HALL 1 Session 3.1 Sustainability and green technology	CONFERENCE HALL 3 Session 4.1 Durability and long-term performance 
10.40am-11.54am	Rutuparna Joshi, Watershed Geosynthetics Carbon emissions of closure alternatives for landfills and waste containment areas	Graham Fairhead, Fabtech Does specifying high weld strengths deliver improved weld quality?
10.54am-11.08am	John Scheirs, Excelplas Unravelling Microplastic Generation from Geosynthetics: Methods for Capture, Detection, Quantification, and Assessment of Environmental Impact	Eric Blond, Eric Blond Consultant Inc. Behavior of Bituminous Geomembrane Seams Exposed to Tensile Stress
11.08am-11.22am	Sadib Bin Kabir, Monash University Water Vapour Diffusion through an HDPE Geomembrane at high temperatures	Mackenzie Logan, WSP Australia Pty Ltd Value of construction quality assurance geomembrane liner systems: A summary of observations associated with dewatering a recently constructed liquor pond
11.22am-11.36am	Henning Ehrenberg, Naue Group Sustainable constructions with classic geosynthetics and with new biodegradable materials for special challenges	Drew Crossley, Red Earth Engineering Observations and lessons learnt: Geomembranes in operation
11.36am-11.50am	Eduardo Carreras, Atarfil Australia Study of the life cycle of high-performance geomembranes in urban solid waste landfills: an environmental and economic approach	TBC



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11.50am-12.04pm	Tricao Vo, Global Synthetics Geosynthetic clay liners as sustainable alternatives to compacted clay liners: Advantages and limitations	Alex Gersch, Layfield Geosynthetic materials used in the world's 4 largest potable water floating covers - Design, Materials and life expectancy
12.04pm-12.20pm	Q&A	
12.20pm – 1.20pm	Lunch & Opportunity to meet the sponsors and exhibitors	<i>proudly sponsored by</i>  Tonkin+Taylor Exhibition Hall
1.20pm - 3:00pm	CONFERENCE HALL 1  Session 3.2 Tailings and mine waste applications, soil-geosynthetic interaction, Hydraulic and stormwater structures	CONFERENCE HALL 3 Session 4.2 Landfill barrier systems 
1.20pm-1.34pm	Daniel Dohle, ATC Williams Considerations in the selection of a lining system	Elissar Mikhael, Monash University Unintentional environmental exposure of ultra short chain PFAS by geotextiles
1.34pm-1.48pm	Don Richardson, WSP Sharing lessons learnt during construction of geosynthetic lined containment facilities	Andrew Green, WSP This Geosynthetic is ok to use tell them they're dreaming!!
1.48pm-2.02pm	Muhammad Abu Bakar, ATC Williams Lining requirements for Lithium Tailings - A review across multiple jurisdictions	Xiang Xinyan, Monash University Unlocking the first stage of the migration of PFASs through an HDPE geomembrane: partitioning
2.02pm-2.16pm	James Hanson, California Polytechnic State University Coupled water retention characteristics of GCL/Subgrade soil systems	Bilal Enes Taskesti, Monash University Modelling transport of PFOS through single composite liner systems

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2.16pm-2.30pm	Pramod Thakur, WSP Construction challenges and lessons learnt from a CSG associated water storage dam upgrade in Queensland	Anthony Spiteri, Geofabrics Australasia Designing and constructing the Loy Yang Ash Landfill
2.30pm-2.44pm	Vivi Anggraini, Monash University Durability Prediction of Geotextile Tubes Exposed to Ultraviolet Radiation in Malaysia	Elham Soleimani, Monash university Sorption of Short-Chain and Long-Chain Per- and Polyfluoroalkyl Substances (PFASs) on Polyethylene and Polypropylene Microplastics
2.44pm-3.00pm	Q&A	
3.00pm – 3.30pm	Afternoon Refreshments & Opportunity to meet the sponsors and exhibitors	<i>proudly sponsored by</i>  Tonkin+Taylor
3.30pm-3.40pm	Gold Sponsor Presentation 	
3.40pm-4.40pm	Keynote presentation Jie Han Recent advances in enhancing sustainability and resilience of infrastructure with geosynthetics	Conference Hall 1
4.40pm-5.00pm	Closing Ceremony 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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