



14th
IWA International Conference on
**WATER RECLAMATION
& REUSE**



WATER REUSE



Programme 2025

Sunday 16th March 2025

Time	Meeting Room 1.4.1 - 1.4.2	Meeting Room 1.4.3 - 1.4.4	Meeting Room 2.4.1 - 2.4.3	Meeting Room 2.4.4 - 2.4.6
10h00 - 13h00	WORKSHOP 1	WORKSHOP 2	WORKSHOP 3	WORKSHOP 4
	Navigating Public Perception: International Strategies to Promote Acceptance of Water Reuse Initiatives <i>Ms Melissa Meeker</i>	The Water Flow Diagram (WFD): a participatory tool for integrated water management at the local level <i>Dr Dorothee Spuhler</i>	Group Therapy: A Peer Review of Cape Town's Planning for DPR (the Faure New Water Scheme) <i>Mr Brendon Theunissen</i>	Unlocking Circular Solutions: Advancing Reuse and Resource Recovery in South Africa <i>Ms Anna Delgado</i>
13h00 - 14h00	BREAK			
14h00 - 17h00	WORKSHOP 5	WORKSHOP 6	WORKSHOP 7	WORKSHOP 8
	Utility Drivers for Water Reuse Implementation: A discussion with water utility leaders <i>Ms Deirdre Finn</i>	Modelling for Water Reuse: How to join forces and where to put the focus? <i>Dr Mariane Schneider</i>	Workshop on Water Reuse for Agricultural and Urban Landscape Irrigation: German, European and International Perspectives <i>Dr Thomas Track</i>	Decentralised on-site water reuse & non-sewered sanitation for climate resilient cities <i>Dr Sudhir Pillay</i>
17h30 - 19h30	Welcome reception			



Monday 17th March 2025

Time	Day 1 Opening Ceremony: Venue: Auditorium 1				
09h00 - 10h05	Welcome and Introduction to Chair of the session – <i>Dr Jennifer Molwantwa, CEO Water Research Commission (WRC)</i> Introduction to plenary session - <i>Ms Suzie Nkambule – CEO, Nafasi Water</i> Welcome and Sharing Cape Town's Water Future - <i>MMC of City of Cape Town – Dr Zahid Badroodien</i> Message from International Water Association (IWA) Water Reuse Specialist Group Chair – <i>Dr Josef Lahnsteiner</i> Message from International Water Association (IWA) President - <i>Prof Hamanth Kasan</i> Input from Minister of Water and Sanitation South Africa – <i>Ms Pemmy Majodina</i>				
10h05 - 10h30	Opening Keynote: <i>Mr Saroj Kumar Jha</i> - Water Global Director, World Bank Group				
10h30 - 11h00	COFFEE BREAK / POSTER VIEWING AND EXHIBITION				
	Auditorium 1	Meeting Room 1.4.1 - 1.4.4	Meeting Room 1.6.1 - 1.6.4	Meeting Room 2.4.1 - 2.4.6	Meeting Room 2.6.1 - 2.6.3
11h00 - 12h30	SESSION 1A: Decentralized and small-scale solutions Chair: <i>Ms Mendy Shoji</i>	SESSION 1B: Risk management Chair: <i>Dr Ben Stanford</i>	SESSION 1C: Industrial Reuse Chair: <i>Prof Bongani Ncube</i>	SESSION 1D: Innovative technologies and applications Chair: <i>Prof Kwang-Ho Choo</i>	SESSION 1E: By invite only
	Decentralized wastewater treatment with membrane bio-reactors (MBR) for agricultural water reuse from lab to pilot scale <i>Mr Aaron Bauer</i>	Assessment of health risk and end-user perception of reused water: A Case study from Toulouse, France <i>Mrs Flavia Zraick</i>	Challenges for Water Reuse in Petrobras' Refining Units <i>Ms Silvia Touma</i>	Advanced Ozonation of Wastewater Micropollutants with Nearly-Zero Contact Time using the MITO3X® Technology: Modeling and Validation Studies <i>Dr Domenico Santoro</i>	Water Executives' Roundtable on water reuse and reclamation potential in South Africa: unlocking the political will and investment - AWSISA, WPO, Rand Water, WRC (by invite only)
	Advanced wastewater treatment using modified constructed wetlands to further remove trace organic compounds and heavy metals from municipal wastewater effluent <i>Mr Luca Ofiera</i>	Validation monitoring for unrestricted irrigation in Europe: statistical planning and data analysis <i>Dr Ulf Mieke</i>	Modification of sintered activated carbon electrode with reduced graphene oxide for electrochemical oxidation of recalcitrant pollutants <i>Ms Ng Joyslin Tee</i>	Water on Demand: what about the reuse of raw treated waters for new urban usages? <i>Dr Jerome Harmand</i>	
	Submerged aerated filter: a compact, efficient and low-maintenance system for decentralised treatment of greywater and water recycling <i>Mrs Richa Agrawal</i>	Risk Management and Validation of Water Reuse in a Hydroponic System <i>Dr Lukas Kriem</i>	Treatment of Alternative Water Sources to Potable Standard for Industrial Reuse <i>Pierrie van Zyl</i>	Comparison of Constructed Wetlands and Rapid Sandfilters as Post-treatment option for ozonation in tertiary municipal wastewater treatment <i>Ms Regina Gnirss</i>	
	The Generation 2 Reinvented Toilet (G2RT): home appliance blackwater recycling <i>Mrs Ruth Cottingham</i>			Photolytic ozonation as promising alternative advanced oxidation process (AOP) using UV-LEDs <i>Dr Philipp Sperle</i>	
12h30 - 13h30	LUNCH BREAK / POSTER VIEWING AND EXHIBITION				
13h30 - 14h20	PLENARY SESSION 1 Chair: <i>Dr Risimati Mathye</i> <i>Dr Esper Ncube - Rand Water, South Africa</i> <i>Dr Roberta Maffettone - European Commission's Joint Research Centre</i>				
	Auditorium 1	Meeting Room 1.4.1 - 1.4.4	Meeting Room 1.6.1 - 1.6.4	Meeting Room 2.4.1 - 2.4.6	Meeting Room 2.6.1 - 2.6.3
14h30 - 16h00	SESSION 2A: Decentralized and small-scale solutions Chair: <i>Dr Preyan Arumugam</i>	SESSION 2B: Risk management Chair: <i>Prof Stuart Khan</i>	SESSION 2C: Industrial Reuse Chair: <i>Dr John Zvimba</i>	SESSION 2D: Innovative technologies and applications Chair: <i>Dr Thomas Honer</i>	SESSION 2E:
	Nature-based solutions for addressing the persistence and toxicity of emerging contaminants in highly polluted surface water <i>Ms Emily Nicklin</i>	Addressing Microbiological Challenges in Water Reuse: Insights from the FlexTreat Project <i>Dr Nicole Zacharias</i>	Water Roundabout Eerbeek – towards realization of a circular water system for the paper and cardboard industry <i>Dr Kees Roest</i>	Investigation of a demand-based multi-reuse concept – Application of MBR pretreatment to optimize downstream ozonation and RO filtration <i>Mr Maximilian Werner</i>	Scaling water reuse in South Africa: What will it take? An event hosted by World Bank, City of Cape Town, GreenCape, DBSA, IWA and Nafasi Water

	Investigation on the Impact of Water Recirculating Non-Sewered Sanitation System on School Sanitation in South Africa <i>Dr Anu Rachel Thomas</i>	Temporal Variation in Water Quality of Surface Waters Polluted by an Informal Settlement Within a Peri-urban Catchment and Reuse Implications <i>Ms Kalpana Maraj</i>	Water and resource recovery from Lithium-Ion Battery recycling with membrane distillation crystallization <i>Mrs Stefanie Flatscher</i>	Smartly synergizing treatment for water reuse and micropollutant removal by membrane hybrid processes <i>Mr Max Zimmermann</i>	
	Off-grid water treatment and reuse of rain- and greywater on household level: Pilot operation at the example of KREIS-Haus, Switzerland <i>Ms Devi Buehler</i>	Risk assessment and management of agricultural wastewater reuse within water distribution network at irrigation district level <i>Mr Pietro Drei</i>	Electrodialysis and nitrate reduction to produce ammonia from agricultural wastewaters <i>Prof William Tarpeh</i>	Using Nanocomposite Membrane Technology to remove trace pharmaceuticals from wastewater: Enabling sustainable water reuse <i>Dr Precious Biyela</i>	
	Development of a novel green wall system with integrated greywater treatment for on-site water reuse <i>Mr Maximilian Grau</i>	Applying a quantitative chemical risk assessment approach to protecting public health in the context of existing local drinking water regulations <i>Mr Louis Koen</i>		A Novel Approach for Microplastic Removal from Aqueous solution via Fe3O4 functionalised g-C3N4 and BNNS: Recyclability and Toxicity Assessment <i>Ms Riona Indhur</i>	
16h00 - 16h30	COFFEE BREAK / POSTER VIEWING AND EXHIBITION				
	Auditorium 1	Meeting Room 1.4.1 - 1.4.4	Meeting Room 1.6.1 - 1.6.4	Meeting Room 2.4.1 - 2.4.6	Meeting Room 2.6.1 - 2.6.3
16h30 - 17h30	SESSION 3A: Desalination in water reuse <i>Chair: Mr Mias van der Walt</i>	SESSION 3B: Regulation and governance <i>Chair: Mr Michael Muston</i>	SESSION 3C: Minimum liquid discharge and residual management <i>Chair: Ms Megan Schalkwyk</i>	SESSION 3D: Session 3D: Innovative technologies and applications <i>Chair: Dr Ulf Mieke</i>	
	Keynote 1: Evaluation of Electro-coagulation with Ceramic Ultrafiltration for Seawater Desalination Pre-treatment <i>Dr Olivier Lefebvre</i>	Keynote 2: The role of formal water strategies in driving investment and support for potable reuse - Experiences from Australia <i>Prof Stuart James Khan</i>	Keynote 3: Towards pharmaceutical wastewater reuse: integration of high-recovery nanofiltration and electrochemical degradation for comprehensive treatment <i>Dr Orlando Garcia-Rodriguez</i>	Keynote 4: Flexibility of advanced Waste Resource Recovery Factories for the production of water for agricultural reuse <i>Dr Jerome Harmand</i>	
	Combination of Nature Based Solution (NBS) and Nanofiltration as an efficient Tertiary Wastewater Treatment for Water Reuse in Tunisia <i>Dr Henry Risse</i>	Legitimation strategies and acceptance of water related reuse <i>Ms Sandra Sikkema</i>	Towards Zero Liquid and Solid Waste Discharge through Non-Sewered Sanitation (NSS) - Clear Enviro Loo NSS Case Study <i>Mr Phillip Majeke</i>	Low-Cost IoT Network to monitor the performance of a retrofitted stormwater pond in Mitchells Plain, Cape Town <i>Ms Nompumelelo Mnisi</i>	
	Feasibility and analysis of seawater augmentation at coastal potable reuse facilities <i>Prof Amy Childress</i>	Linking policy to local MAR BGI interventions: An analysis of associated policy in Cape Town, South Africa <i>Ms Lauren Marsha Grootboom</i>	Beyond-Reuse – Water and nutrient recovery from municipal wastewater <i>Mr Martin Futterlieb</i>	Enhanced stability and activity of series LaFexCu1-xO3 perovskites for ofloxacin degradation from wastewater: DFT Calculation, Mechanisms and Toxicity Evolution <i>Dr Arvind Kumar</i>	
17h40 - 18h40	2027 IWA Water Reuse Conference – Candidate Presentations				

Tuesday 18th March 2025

09h00 - 09h50	PLENARY SESSION 2 <i>Chair: Mr Leonardo Manus</i> <i>Dr Peter Grevatt - The Water Research Foundation (WRF), USA</i> <i>Dr Jorg Drewes - Technical University of Munich, Germany</i>				
	Auditorium 1	Meeting Room 1.4.1 - 1.4.4	Meeting Room 1.6.1 - 1.6.4	Meeting Room 2.4.1 - 2.4.6	Meeting Room 2.6.1 - 2.6.3
10h00 - 11h00	SESSION 4A: Potable water reuse (indirect and direct) <i>Chair: Mr Michael Killick</i>	SESSION 4B: Non-potable water reuse <i>Chair: Dr Maria João Rosa</i>	SESSION 4C: Industrial Reuse <i>Chair: A/Prof Olivier Lefebvre</i>	SESSION 4D: Building water supply resilience through reuse <i>Chair: Dr Haruka Takeuchi</i>	SESSION 4E:
	Global map of potable reuse + Africa, the rising star <i>Ms Danielle Francis</i>	The essential role of reclaimed water application under a severe drought situation in Barcelona (NE Spain) <i>Mr Miquel Paraira, Dr Antoni Munné</i>	R3VOLUTION project: a revolutionary scheme for water reuse and resource recovery in the petrochemical industry <i>Dr Eric Santos-Clotas</i>	Water Management Roadmap 2030: Implementation program for a future-oriented water management <i>Dr Julia Rinck</i>	WRC CEO invite to a dialogue with Paula Keyhoe - San Fransico water efficiency case study <i>Dr Jennifer Molwantwa</i>
	Potable water reuse from WWTP effluent in Flanders, including Aquifer Storage and Recovery as climate-resilient drought buffer for 3000 families <i>Prof Bart De Gussemé</i>	Stormwater harvesting for non-potable-water purpose: The first permanent membrane-treatment installation in a multifamily building in Sweden. <i>Dr Tobias Hey</i>	Integrated Submerged Ultrafiltration and Reverse Osmosis Membrane System for Textile Wastewater Recycling <i>Mr Xiuping Zhong</i>	Building resilience: preparing a blueprint for the future expansion of water reuse in Cape Town <i>Mr Geoff Du Toit</i>	
	Shutting Down, Preserving, and Restarting a Large-Scale Water Recycling Scheme - Lessons Learned from the Western Corridor Experience <i>Mr Yvan Poussade</i>	Fate and regrowth of microorganisms and antimicrobial resistances in dynamically operated distribution systems for non-potable reuse <i>Ms Maria Thiel</i>	The Sasol ATP Project – An Example of Industrial Water Re-use Implementation <i>Ms Elset Trouw</i>	Sustainable implementation of a nature-based water treatment technology for reuse of highly contaminated surface water using a Water-Energy-Food-Ecosystems <i>Dr Pascal Finkbeiner Nexus</i>	
11h00 - 11h30	COFFEE BREAK / POSTER VIEWING AND EXHIBITION				
	Auditorium 1	Meeting Room 1.4.1 - 1.4.4	Meeting Room 1.6.1 - 1.6.4	Meeting Room 2.4.1 - 2.4.6	Meeting Room 2.6.1 - 2.6.3
11h30 - 13h00	SESSION 5A: Potable water reuse (indirect and direct) <i>Chair: Dr Guenter Lempert</i>	SESSION 5B: Non-potable water reuse <i>Chair: Mr Yvan Poussade</i>	SESSION 5C: Industrial reuse <i>Chair: Dr Nonhlanhla Kabebaila</i>	SESSION 5D: Market and social acceptance <i>Chair: Ms Nqobile Simelane</i>	SESSION 5E:
	Sequential managed aquifer recharge with rapid infiltration trench for trace organic chemical removal in a heterogenous aquifer for potable reuse <i>Mr Jonas Aniol</i>	Managing urban wastewater for potential reuse: coupling techniques for the elimination of emerging contaminants <i>Ms Maëllia Dubourg</i>	Using Machine Learning (ML) in Results Prediction and Parameters Optimization in Electro-Fenton for Industrial Reuse Applications <i>Mr Zhen Xiong</i>	Perception and social awareness of citizens regarding water reuse: Contribution of a sociological qualitative survey <i>Dr Sarah Ghaffari</i>	A Conversation on Water Research And Innovation Futures – Building water security - GWRC and WRC
	Design and operation of Ozone/BAC for water reuse – Experiences from pilot- and full scale application <i>Dr Uwe Hübner</i>	Pitfalls of Enhanced Biological Phosphorus and Nitrogen Removal (EBPNR) and membrane bioreactors (MBRs), the African MBR Design Dilemma <i>Mr Markus JA Slabbert</i>	Evaluation of Bioprocessing High Organic Water (HOW) in a Conventional Activated Sludge Process (CAS) <i>Dr Phalazane Johanna Mtimunye</i>	Using discrete choice experiment to determine the stated preference for alternative water sources to flush toilets <i>Mr Cameron Andrews</i>	

	Direct Potable Reuse – Securing Resilient Water Supply for more than 5 Decades in Windhoek <i>Dr Thomas Honer</i>	The Unique Challenges Faced with UV Disinfection in Cape Town Treated Water Reuse Applications <i>Dr Mias van der Walt</i>	Case Study - 23 years of Public-Private collaboration for Durban <i>Mr Siva Chetty, Mr Sydney Masha, Mr Abrie Wessels</i>	Off grid toilets: market assessment of household and communal scale blackwater recycling in South Africa <i>Mrs Ruth Cottingham</i>	
	Process Trains including Ozone for Water Reuse: Case Stories, Design Evaluations and Outlook <i>Mr Ludwig Dinkloh</i>	Technologies and Concepts for Water Reuse – Perspectives for current and future challenges <i>Dr Thomas Track</i>		Beyond just research: Ethical Reflections from Water Reuse Implementation Projects <i>Dr Amber Abrams</i>	
13h00 - 14h00	LUNCH BREAK / POSTER VIEWING AND EXHIBITION				
14h00 - 14h50	PLENARY SESSION 3 <i>Chair: Harrison Pienaar</i> <i>Ms Paula Kehoe - San Francisco Public Utilities Commission, USA</i> <i>Ms Kaashifa Aziz - Diving into the Unknown – a water reuse journey of a young women water professional</i>				
	Auditorium 1	Meeting Room 1.4.1 - 1.4.4	Meeting Room 1.6.1 - 1.6.4	Meeting Room 2.4.1 - 2.4.6	Meeting Room 2.6.1 - 2.6.3
15h00 - 16h00	SESSION 6A: Potable water reuse (indirect and direct) <i>Chair: Mr Brendon Theunissen</i>	SESSION 6B: Regulation and governance <i>Chair: Ms Shuntelle Gow</i>	SESSION 6C: Agricultural reuse <i>Chair: Dr Stevo Lavrnjc</i>	SESSION 6D: Sustainable water reuse within the context of climate change <i>Chair: Mr Shalongo Angula</i>	SESSION 6E:
	Complementary chemical screening and bioassay approach for monitoring water quality: Presentation of a case study <i>Ms Berenice Ndaitwah</i>	The Table Mountain Water Source Partnership: Supporting Sustainable Groundwater Management and Governance in the Table Mountain Strategic Water Source Area <i>Mr Phil McLean</i>	Increasing agricultural sustainability: pilot-scale assessment of water treatment technologies for effluent reuse in Flanders' fruit region <i>Dores Cirne</i>	Development of a methodology of generalized reuse practices based on quantitative, social, and economic evaluation. <i>Ms Chloé Delomel, Dr Guillaume Junqua</i>	Enhancing local government socio-economic development and water resilience: Climate risk and vulnerability assessments, water services skills supply-demand forecasting and eco-industrial parks - CSIR WPO
	Direct Potable Reuse in Metro Manila <i>Mr Patrick Lester Ty</i>	Advancing direct potable reuse worldwide: the impact of regulations on implementation <i>Dr Brian Pecson</i>	Water reuse and nutrients valorization: SmartFertiReuse an innovative project for crop irrigation <i>Ms Chrystelle Ayache</i>	Planning potential wastewater reuse at irrigation district scale: application of a context-adaptable methodology in Northern Italy <i>Prof Francesca Valenti</i>	
	Pilot-scale studies of advanced wastewater treatment for direct potable water reuse for beer production <i>Dr Maria João Rosa</i>	Beyond water – Changing the paradigm of reuse <i>Mr Michael Muston</i>	Drip Irrigation efficiency and Biofilm Dynamics with Reclaimed Wastewater in the field scale <i>Dr Nassim Ait Mouheb</i>		



16h00 - 16h30						COFFEE BREAK / POSTER VIEWING AND EXHIBITION					
	Auditorium 1	Meeting Room 1.4.1 - 1.4.4	Meeting Room 1.6.1 - 1.6.4	Meeting Room 2.4.1 - 2.4.6	Meeting Room 2.6.1 - 2.6.3						
16h30 - 17h30	SESSION 7A: Potable water reuse (indirect and direct) <i>Chair: Prof Jorg Drewes</i>	SESSION 7B: Risk management <i>Chair: Dr Brian Pecson</i>	SESSION 7C: Agricultural reuse <i>Chair: Prof Hiroaki Tanaka</i>	SESSION 7D: Innovative technologies and applications <i>Chair: Dr Thomas Track</i>	SESSION 7E:						
	Keynote 5: Water safety planning for th Cape Town potable water reuse schemes <i>Mr Chris Swartz</i>	Keynote 6: Development of a water reuse risk management plan for safe reuse of reclaimed water for irrigation <i>Prof Paola Verlicchi</i>	Keynote 7: Exploring bacterial community dynamics and contaminants of emerging concern in the water-soil-plant continuum under reclaimed water irrigation <i>Dr Despo Fatta-Kassinou</i>	Keynote 8: Electrocatalytic Membrane Filtration for Wastewater Treatment with Simultaneous Hydrogen Production <i>Prof Kwang-Ho Choo</i>	Securing Cape Town's Water Future with the option of Water Reuse - WRC Young Water Professionals						
	Applying a quantitative microbial risk assessment to derive pathogen removal targets in the context of existing local drinking water regulations <i>Mr Mogamat Thaabit Nacerodien</i>	Improving Water Reuse Risk Management: A Meta-Analysis of Water Reuse Resilience Definitions, Measurements, Challenges, and Opportunities <i>Ms Isabella Cobble</i>	From reclaimed wastewater stabilization reservoir to multi-resources reservoirs: the water quality dynamic assessment <i>Mr Nassim Ait Mouheb</i>	Electrochemical stripping: generating products from agricultural and municipal wastewater <i>Prof William Tarpeh</i>							
	Controlled oxidation to tailor the selectivity and extend the life of nanofiltration and reverse osmosis membranes <i>Prof Andrea Achilli</i>	Wastewater and Environmental Surveillance in the Circular Water Economy <i>Ms Carley Truyens, Dr Sudhir Pillay</i>	Advancing Water Reuse through Technical and Social Innovation: Insights from a Living Lab in German Hydroponic Agriculture <i>Dr.-Ing. Martina Winker</i>	Enhancing Water Reuse Monitoring with Oxidation-Reduction Potential Sensors <i>Ms Lena Xue</i>							
17h40 - 18h10	IWA Water Reuse Specialist Group Meeting										
18h30	GALA DINNER Venue: Cabo Beach, V&A Waterfront										

Wednesday 19th March 2025

09h00 - 09h50						PLENARY SESSION 4 <i>Chair: Dr Jennifer Molwanta</i> <i>Mr Johann Lubbe - Water Partnerships Office (WPO), DBSA, South Africa</i> <i>Mr Thomas Wolf - KfW Development Bank, Germany/Southern Africa</i>					
	Auditorium 1	Meeting Room 1.4.1 - 1.4.4	Meeting Room 1.6.1 - 1.6.4	Meeting Room 2.4.1 - 2.4.6	Meeting Room 2.6.1 - 2.6.3						
10h00 - 11h00	SESSION 8A: Potable water reuse (indirect and direct) <i>Chair: Dr Shane Trussel</i>	SESSION 8B: Urban reuse <i>Chair: Mr. Pierre van Rensburg</i>	WORKSHOP 9	SESSION 8D: Water reuse in developing countries <i>Chair: Dr Abdullah Al Mueyed</i>	SESSION 8E:						
	Reverse Osmosis versus Nanofiltration for the Removal of Dissolved Contaminants in Water Reuse Applications <i>Dr Mohammed Alhussaini</i>	Mechanistic modelling of chlorine decay in reclaimed water distribution systems – case study applications <i>Dr Rui M.C. Viegas</i>	Mining and Industrial Water Reuse Opportunities in South Africa <i>Dr John Ngoni Zvimba</i>	Decentral wastewater treatment with low-tech trickling filters in different climates in Peru and Cameroon <i>Dr Krauss Manuel</i>	Youth Action for Improving Water Security: Raising awareness on water re-use and reclamation initiative in South Africa <i>Chair: Mbali Sibiyá</i>						



	Design and Control of the UV/HOCI Advanced Oxidation Process for Potable Reuse <i>Dr Uwe Hübner</i>	Fighting water scarcity through the urban reuse of wastewater – Porto case study <i>Mr Ruben Fernandes</i>		Health risk management along urban wastewater-irrigated vegetable value chains of LMICs: ensuring that opportunity, capability and motivation needs are identified. <i>Mr David Galibourg</i>	
	Public-Private-Partnership (PPP) for 140 Million Liters of Direct Potable Water Reuse <i>Mr Rajiv Paladh</i>			Community-managed combined containment system to enhance safely managed sanitation coverage at low-income communities <i>Mr Md Shakhawat Hossain</i>	
11h00 - 11h30	COFFEE BREAK / POSTER VIEWING AND EXHIBITION				
	Auditorium 1	Meeting Room 1.4.1 - 1.4.4	Meeting Room 1.6.1 - 1.6.4	Meeting Room 2.4.1 - 2.4.6	Meeting Room 2.6.1 - 2.6.3
11h30 - 13h00	SESSION 9A: Potable water reuse (indirect and direct) <i>Chair: Mr Chris Swartz</i>	SESSION 9B: Economic perspectives <i>Chair: Dr Precious Sibiyi</i>	SESSION 9C: Agricultural reuse <i>Chair: Dr Luxon Nhamo</i>	SESSION 9D: Public involvement and education <i>Chair: Ms Melissa Meeker</i>	
	Keynote 9: High Recovery RO is the next Big Thing in Potable Reuse: Results from San Diego Pure Water <i>Dr Shane Trussell</i>	Keynote 10: Creative Collaborations and Cost Sharing Strategies for Multi-Benefit Water Reuse Projects <i>Dr Ben Stanford</i>	Keynote 11: Water quality trend along an irrigation canal influenced by treated wastewater discharge – case study in Northern Italy <i>Dr Stevo Lavrić</i>	Keynote 12: A public engagement strategy to encourage acceptance of water reuse in the City of Cape Town <i>Dr Sarah Slabbert, Ms Nqobile Simelane</i>	
	Operating SWIFTly: The Journey of an IPR Project Amidst Challenges <i>Mr Germano Salazar-Benites</i>	Savings in every flush- Revealing the economic advantage of non-potable water reuse in non-sewered sanitation <i>Mr Phillip Majeke</i>	Uptake of Chemicals of Emerging Concern in Tomatoes: A Study on Agricultural Wastewater Reuse and Sludge Amendment <i>Mrs Eirini Andreasidou</i>	Water reuse in Cape Town: The journey to earning public trust <i>Mr Daniel Petrie</i>	
	Optimization of Biofiltration for Removal of 1,4-Dioxane and Low Molecular Weight Organic Compounds <i>Ms Hannah Stohr</i>	Challenges and opportunities in large-scale non-sewered sanitation service procurement <i>Mr Miguel Vargas-Ramirez, Ms Rizqah Mohamed</i>	Integrating Swine Waste Treatment Lagoons with Solid-Liquid Separation to Improve Water and Nutrient Recycling: A Multiscale Analysis <i>Dr Clement Sohoulade</i>	Linking local engagement to BGI interventions: Lived experiences of communities in repurposing a stormwater pond in Cape Town, South Africa <i>Ms Lauren Marsha Grootboom</i>	
	Wastewater Reuse: A Solution To Managed Aquifer Recharge in Windhoek <i>Ms Berenice Ndaitwah</i>			Training Sessions on Health Risk Assessment of Reclaimed Drinking Water Supply for Water Professionals <i>Prof Thomas Petterson</i>	
13h00 - 14h00	LUNCH BREAK / POSTER VIEWING AND EXHIBITION				



14h00 - 14h50	PLENARY SESSION 5 <i>Chair: Dr Cornelious Ruiters</i> <i>Dr Nupur Bahadur - NMCG-TERI Centre of Excellence on Water Reuse, India</i> <i>Dr Gurdev Singh - PUB Singapore National Water Agency</i>				
	Auditorium 1	Meeting Room 1.4.1 - 1.4.4	Meeting Room 1.6.1 - 1.6.4	Meeting Room 2.4.1 - 2.4.6	Meeting Room 2.6.1 - 2.6.3
15h00 - 16h00	SESSION 10A: Integration of water reuse into existing systems <i>Chair: Dr Stephanie Rinck-Pfeiffer</i>		SESSION 10C: Agricultural reuse <i>Chair: Mr Pietro Drei</i>		
	Integrating water reuse into Indigenous Knowledge Systems <i>Ms Lauren Marsha Grootboom</i>		Innovative water reclamation scheme for agricultural irrigation: reused ultrafiltration membranes & UV-LED disinfection <i>Dr Eric Santos-Clotas</i>		
	Integration of Reclaimed Water in a Conventional Wastewater Treatment Works: A Case Study of Darvill Reuse Demonstration Plant <i>Ms Presantha Maduray</i>		A novel smart fertigation system for peach and tomato irrigation with treated wastewater: evaluation of effects in Italian case study <i>Prof Attilio Toscano</i>		
	Non-target screening of trace organic compounds and seasonal monitoring of contaminants in diverse parts of the Cape Flats Aquifer <i>Ms Rachelle Schnewly</i>				
16h05 - 17h00	Closing Ceremony <i>Chair: Dr Stanley Liphadzi</i>				

Thursday 20th March 2025

Technical Tours

Long session: 4 x 15 min talks + 30 min speaker introductions and Q&A (90 minutes)

Short session: 3 x 15 min talks + 15 min speaker introductions and Q&A (60 minutes)

