



SPEAKER PROFILE



Mr Patrick Lester N. Ty
Chief Regulator

Metropolitan Waterworks and Sewerage System Regulatory Office, The Philippines

Quote: When we invest in sanitation, we are not just building pipes and treatment plants. We are building a healthier future, a more sustainable environment, and a more resilient city. We are investing in dignity, in equity, and in hope.

Bio: Patrick Lester N. Ty was appointed Chief Regulator of the Metropolitan Waterworks and Sewerage System Regulatory Office (MWSS RO) in 2017. Since then, he has championed water security, expanded sewerage coverage, and advanced climate-resilient regulation in Metro Manila and nearby provinces. His innovative, data-driven approach to governance has led to significant improvements in water, sanitation, and overall service delivery standards. Mr. Ty is an active member of the International Water Association (IWA), serving on the Programme Committee of various International Water Regulators Forums and the Advisory Board of the IWA Inclusive Urban Sanitation Initiative. His leadership and expertise in public utility regulation have earned him multiple distinctions, including the UP Alumni Award for Good Governance in Public Utility (2025), the Million Trees Foundation's Kampeon ng Tubig Kanlungan Award, and the Inclusive Leadership Award (2024). Before becoming Chief Regulator, Ty served as Deputy Administrator for Financial Regulation at MWSS RO and earlier held key positions at the Authority of the Freeport Area of Bataan and the Department of Finance. A lawyer by profession, he earned his AB Psychology degree from the Ateneo de Manila University and his Juris Doctor from the University of the Philippines College of Law.

SPEAKER PROFILE



Dr Manjusha Sunil
Programme Manager
Water Research Commission, South Africa

Quote: Sustainable water futures begin with bold ideas and the courage to innovate.

Bio: Manjusha Sunil, PhD in Biotechnology, is a seasoned professional with a strong background in research and science communication. Transitioning to the water sector a decade ago, she has since dedicated her expertise to advancing innovation and impact. Currently serving as Head of one of the Technology Accelerators at the Water Research Commission (WRC), she drives initiatives to pilot and scale cutting-edge solutions. With extensive experience in fostering innovations, building partnerships, and fast-tracking technology adoption, Manjusha plays a pivotal role in bridging research and real-world application. Her work continues to shape sustainable water solutions and catalyze change in the sector.



SPEAKER PROFILE



Mr Richard Edward Lancaster
Global Bioresources Director
AtkinsRealis, The United Kingdom

Quote: -

Bio: Richard is a globally recognised expert in Bioresources, a member of the UK Chapter of the Select Society of Sanitary Sludge Shovelers (a prestigious honour awarded for outstanding and meritorious service), an AtkinsRéalís Global Technical Fellow, and a highly experienced senior leader with 38 years' extensive experience in the water industry. He is the Chair of the Chartered Institute of Environmental Management Wastewater and Biosolids National Steering Group and a member of the European Biochar Industry. Richard joined AtkinsRéalís 6 years ago, following a highly successful 32-year career in the UK Water sector. He has built a global industry-leading Bioresources capability over the last 6 years, the Global Centre of Excellence for AtkinsRéalís. He has developed National Biosolids strategies across the world (England, NEOM, Egypt, Scotland, Northern Ireland & Australia & New Zealand) and his team is influencing cutting-edge technology integration and output market readiness. He has worked extensively in the UK, EU, Middle East, North America, Asia, and Australia.

SPEAKER PROFILE



Prof Hiroyasu Satoh

Professor

Graduate School of Frontier Sciences, The University of Tokyo, Japan

Quote: Reimagining sewers not just as conduits, but as active bioreactors for wastewater purification that enhance the health of our urban environments.

Bio: Dr. Hiroyasu Satoh is a Professor in the Department of Socio-cultural Environmental Studies at the Graduate School of Frontier Sciences, The University of Tokyo. A distinguished expert in sanitary and environmental engineering, his research focuses on the intersection of microbial ecology and wastewater systems, including in-sewer purification and advanced sewerage technologies. Dr. Satoh earned his Bachelor's (1989), Master's (1991), and Doctoral degrees (1996) in the Department of Urban Engineering from the University of Tokyo. His academic journey includes significant international experience as a visiting researcher at the University of British Columbia (1992-1993) and as an Associate Professor at the Asian Institute of Technology (2002-2004) in Thailand. Throughout his career, Dr. Satoh has made pioneering contributions to biological phosphorus removal and the development of biodegradable plastics (PHA) from activated sludge. His recent work addresses critical challenges to enhance



self-purification processes in sewer systems. His research excellence has been recognized with numerous honors, most recently the Academic Award from the Japan Society on Water Environment (2024). He has authored over eighty influential papers that advance our understanding of bacterial population dynamics and sustainable wastewater management.

SPEAKER PROFILE



Dr Chotiwat Jantarakasem

K. Lisa Yang GEAR Center Fellow

Massachusetts Institute of Technology, The United States of America

Quote: High-tech, built-in smartphone cameras have the potential to revolutionise water quality analysis. If successful, they could enable laypersons to be in charge of monitoring their own water quality.

Bio: Chotiwat is a K. Lisa Yang GEAR Centre Fellow in the Department of Mechanical Engineering at the Massachusetts Institute of Technology and a water quality engineer committed to improving access to safe, clean water in low-resource settings. At MIT, he leads research initiatives focused on addressing the urgent needs for clean water and adequate food in low- and middle-income regions. Before joining MIT, he was a Research Engineer at the National University of Singapore–Sembcorp Corporate Laboratory, where he worked on hazardous wastewater treatment. He also served as a Research Engineer at the National



Institute of Public Health in Japan. He holds a PhD in Civil and Environmental Engineering from Imperial College London, where he received the Anglo-Thai Society Academic Excellence Award, and an MEng in Urban Engineering from the University of Tokyo, where he received the Best Master's Thesis Award. He is a member of the first cohort of JICA Innovative Asia Scholars. Chotiwat also holds a BEng (Highest Honours) from King Mongkut's University of Technology Thonburi, supported by the Petchra Pra Jom Klao Leadership Scholarship and the Sufficiency Economy Philosophy Scholarship from the Crown Property Bureau. He is President of the SEP Scholar Association, Chair of the IWA Chapter Thailand, and a member of the first IWA LeaP Programme cohort.

SPEAKER PROFILE



Mr Gary Wyeth

Chairman

Wyeth Water Consultants, Malaysia

Quote: Managing Non-Revenue Water is key to establishing an efficient water supply company.

Bio: Mr Wyeth graduated from Portsmouth University in 1991 with a Master of Engineering Degree in Civil Engineering. He has 33 years of experience in the water industry, with 30 of those years spent working in South-East Asia. During this period, Mr Wyeth has gained member status of the CIWEM (UK), is a Chartered Engineer, has gained a Graduate Diploma in International Operational Management, and is the current Secretary/Vice Chair of the IWA Water Loss Specialist Group. Mr Wyeth started his career as a network modeling engineer for Biwater International and, through this, built up an expertise in how water supply systems operate. He then moved into NRW management, with Thames Water International and Ranhill Water Systems, gaining further expertise in leakage control, DMZ design & implementation, system monitoring, customer metering, and production metering. He is currently the Chairman of Wyeth Water Consultants, a Malaysian-based NRW Management Company, and a Senior Consultant for Isle Utilities, a water-focused consultancy company based in Australia.

SPEAKER PROFILE



Mr Robin Wong
Founder
TeamSolve, Singapore

Quote: AI doesn't transform utilities—adoption does.

Bio: Robin Wong is the Founder of TeamSolve, a Singapore AI technology company applying frontier AI to advance Water Intelligence in asset operations and maintenance. He brings over 20 years of global AI-Digital experience in the water sector and is a named inventor on two AI-related patents. Robin serves on the executive councils of the Singapore Water Association, the International Water Association Digital Water Steering Committee, and Smart Water Networks.

SPEAKER PROFILE



Ms Geetha A/P Kumaran

Exco Member

Malaysian Stormwater Organisation (MSO), Malaysia

Quote: "Be yourself; everyone else is already taken " - Oscar Wilde

Bio: Ms. Geetha P. Kumaran is a Bachelor of Science (Ecology) (Hons) Graduate and Masters in Biotechnology Postgraduate from the University of Malaya. She is a registered Environmental Impact Assessment (EIA) Consultant. She is also a Certified Erosion, Sedimentation, Storm Water Inspector (CESSWI) with EnviroCert International from USA and a Certified Inspector in Erosion and Sedimentation Control from CISEC Inc of USA too. She was Lead Consultant with a local consultancy for more than 280 EIA's and Lead Auditor for numerous Post EIA Projects, including the MRT Project Lines 1 & 2. She is presently an Environmental Advisor to ES Eco Smart Sdn Bhd. Recently, she was certified as an ESG Practitioner and is presently enhancing her knowledge in the area of ESG. Ms. Geetha is an Exco Member of the Malaysian Stormwater Organisation (MSO), looking at enhancing site personnel competencies, a Member of the Malaysian Society of Social Impact Assessment (MSIA), and a Life-time member of Non-Profit Association ENSEARCH. As an HRDF-Accredited trainer, she is also actively involved in training for EIAs and EMPs in ENSEARCH, for corporate entities, and for the MSO-run CESSWI and CPSWQ courses. She was also responsible for contributions to DOE's EIA Sectorial Guidelines and Environmental Technical Guidelines for



JKR Malaysia. Presently, she is working with DOE, JPS, and MSO to look at the implementation of DOE-certified competency courses for site personnel.

SPEAKER PROFILE



Mr Joe Dalton

General Manager

HydrOptimise, The Kingdom of Bahrain

Quote: Reducing Non-Revenue Water (NRW) isn't about contracts on paper - it's about aligning incentives, capability, and accountability to deliver real, measurable results.

Bio: Joe Dalton is a Non-Revenue Water (NRW) Specialist with experience in multiple forms of both conventional and performance-based contracts (PBCs) and Utility Capacity Building projects in the UK, Africa, the Middle East, Asia, and the Pacific regions. He has a Master's in Global Water Policy and Management and is a Chartered Engineer, Chartered Environmentalist, and Chartered Water and Environmental Manager. He is a member of the Management Committee of the Water Loss and Intermittent Water Supply Specialist Groups of the International Water Association.

SPEAKER PROFILE



Mr Rhys Moulton
Head of APAC
Matter IO Pty Ltd, Australia

Quote: “At Matter, we believe better visibility leads to better decisions — real-time water data gives cities the confidence to move from reactive maintenance to resilient infrastructure.”

Bio: Rhys Moulton is an Australian strategy and market development leader supporting the international growth of Matter, an urban technology company delivering IoT-enabled monitoring and analytics for stormwater, wastewater, and environmental infrastructure. His work focuses on the practical deployment of smart city and regional IoT systems that help utilities and municipalities improve drainage performance, reduce flood risk, and gain real-time visibility of critical assets. Rhys has supported Matter’s projects across Australia and Asia, including deployments and pilots in Melbourne, Chennai, and Ho Chi Minh City, working alongside engineering partners, city agencies, and innovation programs. Matter’s technology development has been strengthened through collaboration with organisations, including CSIRO, and through regional initiatives such as the Imagine H2O Asia program in Singapore. Rhys plays a key role in translating these technical advances into operational outcomes — supporting implementation pathways, partner ecosystems, and scalable delivery models suited to emerging and established urban environments. With a background spanning



defence, local government, and consulting, Rhys brings a systems view to water and urban infrastructure challenges. He speaks on smart water adoption, edge analytics, and how cities can move from pilot IoT deployments to resilient, data-driven infrastructure at scale.

SPEAKER PROFILE



Professor Jugdutt (Jack) Singh

Chief Scientist and Chief Advisor for Digital Economy Sarawak Government
Sarawak Multimedia Authority

Quote: -

Bio: Professor Jack Singh is currently the Chief Scientist & Chief Advisor for Digital Economy with the Sarawak Government, Malaysia. He is acknowledged as one of Australia's leading ICT thought leaders and researchers with extensive senior-level academic leadership and consultancy experience both in Australia and globally. Jack has considerable experience in initiating and leading large-scale initiatives collaboratively with industry, government, universities, and community driving high-impact economic, social and environmental outcomes of global significance. Prior to his current appointment, he held various senior-level positions in Australia, including Director of the National Centre for ICT Excellence Australia; Director of SenseT - a partnership program between Australia Federal Govt, the Tasmanian Govt, the Commonwealth Scientific and Industrial Research Organisation (CSIRO), and industry to transform the Tasmanian economy, amongst others. He also has served on the United Nations Economic Commission for Europe (UNECE) Expert Group and is a director on a number of Boards.



SPEAKER PROFILE



Mr Mohd Shazlee Bin Mohd Kabeer

Vice President International Partnerships - Asia
Pipeline Inspection and Assessment (PIA), Australia

Quote: Replacing pipes based on age alone is no longer sustainable. PIA's P-CAT Suite delivers condition-led intelligence that transforms how utilities plan, prioritise, and invest in their networks.

Bio: Water industry professional with over 17 years of experience supporting utilities across the Asia-Pacific region, with a strong focus on Non-Revenue Water (NRW) reduction, smart network solutions, and pipeline condition assessment. Extensive experience in introducing advanced monitoring and leak detection technologies and helping utilities convert data into actionable investment decisions. Currently with PIA Global, leading the regional introduction and growth of Pipe Condition Assessment Technology (P-CAT)—a targeted, data-driven approach to identifying degraded water mains and supporting prioritised, risk-based renewal programmes. Technology-led market development with deep utility engagement, delivering cross-border projects and driving successful adoption of smart water solutions across APAC.

SPEAKER PROFILE



Mrs Liu Yangwei

Vice President

Perma Filters Membranes Separation Technology Co., Ltd, Beijing

Quote: Dedicated to water treatment membrane business, building benchmark projects worldwide with proven experience and global resources.

Bio: With 14 years of dedicated experience in the water treatment membrane industry, now serving as the Managing Director of Asia-Pacific in THETIS Canada and Co-Founder of Perma Filters. She excels in global market expansion, brand building, channel development and consultative sales, with mature resources across Global. She has led over 800 domestic and overseas water treatment projects, secured NSF61/419 certifications and national 863 project funding and built a complete international trade and digital marketing system. She has delivered remarkable achievements in overseas key projects like large-scale wastewater treatment and seawater desalination and boasts strong capabilities in international project development and market strategy formulation.

SPEAKER PROFILE



Ms Ha Thanh Hang

Vice Chairwoman

Vietnam Water Supply and Sewerage Association (VWSA), Vietnam

Quote: “Through cooperation, innovation and shared knowledge, we can build a more resilient and sustainable water sector for communities worldwide.”

Bio: Ms Hang is currently the Vice Chairwoman of the Vietnam Water Supply and Sewerage Association, where she is responsible for the Association’s international relations and policy advocacy within Vietnam’s water sector. She previously served for many years as Deputy Director of the Department of Water Resources and Rural Water Management, as well as Chief of the Standing Office of the National Target Programme on Rural Water Supply and Sanitation under the Ministry of Agriculture and Rural Development. She has extensive experience in the state management of rural water supply and sanitation, as well as in international cooperation within Vietnam’s water industry. Ms Hang holds a Master of Science in Environmental Hydrology, is a qualified Hydraulic Engineer, and also holds a Bachelor’s degree in Economics.

SPEAKER PROFILE



Associate Professor Chong Tzyy Haur

Associate Professor

Nanyang Technological University Nanyang Environment and Water Research Institute, Singapore

Quote: Efficient Water Use, Sustainable Cities

Bio: Dr. Chong Tzyy Haur is an Associate Professor at the School of Civil and Environmental Engineering (CEE) and the Programme Director of Singapore Membrane Technology Centre (SMTc), Nanyang Environment & Water Research Institute (NEWRI), at the Nanyang Technological University (NTU), Singapore. His research interests are in Membrane Process Intensification: Engineering for Efficiency and Sustainability, including desalination and reclamation, water and wastewater treatment, industrial applications; membrane fouling mechanisms, control strategies and fouling sensors; process intensification, enhanced module and system design; hybrid membrane chemical and bioreactors. Dr. Chong is the Secretary of Membrane Society in Singapore (MEMSIS), Secretary of World Association of Membrane Societies (WA-MS) from 2020 to 2023 and Treasurer of Aseanian Membrane Society (AMS) from 2022 to 2023. He is the Section Editor of the Journal of Water Processing Engineering, a top 10% journal in the Water Resources domain.



SPEAKER PROFILE



Mr Mohd Zamros bin Omar
Business Development Manager
Radlinger Primusline, Malaysia

Quote: Trenchless technologies are transforming how we rehabilitate critical pipelines—minimizing disruption while maximizing performance and lifespan.

Bio: Mohd Zamros Omar is a trenchless technology specialist with over 30 years of experience in pipeline rehabilitation for oil & gas and municipal utility across Southeast Asia. He currently serves as Business Development Manager – Southeast Asia for RADLINGER Primus Line GmbH, leading regional market development and the deployment of advanced PRIMUS LINE trenchless solutions in complex operational environments. He has led and delivered large-scale trenchless and pipeline integrity projects, including special R&D project with national oil company and major trenchless rehabilitation projects in Malaysia. His expertise spans pressure and non-pressure pipeline systems, emergency-response rehabilitation, and technically challenging installations within live operating facilities, with a strong focus on engineering optimization, operational reliability, and compliance with international standards.

SPEAKER PROFILE



Mr Khairul Hakim bin Jaafar
ASEAN Business Development Manager
IMPREG Sdn Bhd, Malaysia

Quote: Advancing No-Dig technology enables cities to rehabilitate critical infrastructure efficiently, sustainably, and with minimal disruption.

Bio: A wastewater infrastructure specialist with over a decade of experience in trenchless pipeline rehabilitation and B2B capital project development across the Asia-Pacific region. Currently with IMPREG Group, he focuses on advancing UV-CIPP technology for large-diameter pipeline rehabilitation and sustainable sewer asset management. His work spans Southeast Asia, the Middle East, India, and Hong Kong, supporting utilities and infrastructure stakeholders in implementing innovative, long-term rehabilitation solutions.

SPEAKER PROFILE



Eng. Maurizio Pedrazzini
Business Development Manager
vonRoll hydro (suisse) ag, Switzerland

Quote: ZEROWATERLOSS is many things. At vonRoll hydro is our daily mission.

Bio:

Maurizio Pedrazzini, in vonRoll hydro (suisse) ag since 2014. I am leading the Southern Branch of Switzerland and the Italian Regional Company from which I manage Sales over Southern and Eastern Europe and promote the vonRoll hydro ZEROWATERLOSS mission. My academic studies are based on the bachelor of Civil Engineering (1995, Lugano Switzerland) and the Executive Master in Supply Chain Management of the EPFL Technical University (2000, Lausanne Switzerland). My professional experience is based on 3 years spent as civil engineer, 15 years in construction business as consultant and later on as Business Excellence Manager and 12 years in Sales of equipment for water infrastructures. Aside pipes' business, my professional focus is based on all applied technologies that aim to preserve water.



SPEAKER PROFILE



Ms Lim Pai June (Joceline)
Sales Director, Asia
BW Water Sdn Bhd, Malaysia

Quote: In an era of increasing water complexity, professionals must ‘be like water’—fluid in approach, resilient in adversity, and adaptive in solving ever-evolving challenges.

Bio:

Joceline Lim is an accomplished water industry professional with nearly two decades of experience in Engineering, Procurement, Construction, and Commissioning (EPCC) projects. She specializes in water and wastewater treatment, water reclamation, and waste-to-energy solutions, and currently serves as APAC Sales Director at BW Water Sdn Bhd. Joceline has a strong track record of securing high-value projects, driving sustained business growth, and leading cross-functional teams across Malaysia, Singapore, Indonesia, Thailand and the Philippines. Her entrepreneurial mindset, strategic perspective, and results-oriented leadership have been key to delivering impactful outcomes and achieving major milestones. She holds a Master of Business Administration (MBA) from Royal Melbourne Institute of Technology and a Bachelor’s degree in Chemical Engineering from Universiti Putra Malaysia. Her expertise spans business strategy and transformation, project financing and management, contract administration, and due diligence within the utilities sector. She is also an active member of the Malaysian Water Association.



SPEAKER PROFILE



Mr Mark John Nicol
Commercial Director
HWM Global, United Kingdom

Quote: I've attended the last three BIWWEC events and consistently found them to be a great forum for connecting with the water and wastewater industry in Sarawak. They provide a practical platform for sharing ideas and promoting the adoption of technologies to address local and global challenges.

Bio:

Mark Nicol is a senior executive with over 25 years of international experience in the water and wastewater industry, leading commercial strategy and innovation across diverse markets. Mark has worked extensively with utilities, consultants, and suppliers to address global challenges in water and wastewater network management, with a focus on the adoption of new business models and advanced technologies to address operational challenges and achieve regulatory and operational objectives. He joined the Board of HWM Global in March 2025 as Commercial Director, where he is responsible for shaping long-term vision, delivering commercial growth, and representing the company at board-level engagements with key stakeholders, customers, and industry bodies worldwide. Mark holds a BSc in Geography, an MSc in Surface Water Modelling & Management from the University of Reading, and an Executive MBA from Henley Business School.

SPEAKER PROFILE



Her Excellency Anne Vasara
Ambassador
Embassy of Finland, Kuala Lumpur

Quote: -

Bio:

Current position Sept 2024 Ambassador, Embassy of Finland, Kuala Lumpur, Malaysia Previous positions 2022 -2024 Ambassador, Circular Economy and Green Transition, Department for International Trade, Ministry for Foreign Affairs, Helsinki, Finland 2019 - 2022 Ambassador, Senior Advisor, Bilateral Economic Cooperation, Department for the Americas and Asia, Ministry for Foreign Affairs, Helsinki, Finland 2015 – 2019 Ambassador, Embassy of Finland, Rabat, Royal Kingdom of Morocco 2011 - 2015 Deputy Chief of Mission, Embassy of Finland, Washington DC, United States of America 2009 - 2011 Director for Personnel Planning, Administrative Services, Ministry for Foreign Affairs, Helsinki, Finland 2008 - 2009 Deputy Director for Sectoral Policies, Department for Development Policy, Ministry for Foreign Affairs, Helsinki, Finland 2004 - 2008 Counsellor, Trade Policy Committee (113), Permanent Mission of Finland to the European Union, Brussels, Belgium 2004 Counsellor, Trade Policy, Department for External Economic Relations, Ministry for Foreign Affairs, Helsinki, Finland 2001 - 2003 Counsellor, Deputy Director, Unit for Personnel Planning, Administrative Services, Ministry for Foreign Affairs, Helsinki, Finland 1998 - 2001 Deputy Chief of Mission, Permanent Mission of Finland to the Council of Europe, Strasbourg, France 1995 - 1998 EU Enlargement, CEI, Development Policy; Coordination Secretariat for European Union, Ministry for Foreign Affairs, Helsinki, Finland 1993 - 1995 Trade and Environment, Department for Trade Policy, Ministry for Foreign Affairs, Helsinki, Finland 1990 - 1993 First Secretary, Permanent Mission of Finland to the OECD, Paris, France 1989 - 1990 Attaché, Department for Political Affairs, Ministry for Foreign Affairs, Helsinki, Finland.

SPEAKER PROFILE



Datuk Ir. Abdul Kadir Bin Mohd Din

Chairman of SPAN & Chair of ASM Water Committee
National Water Services Commission (SPAN) & Academy of Sciences Malaysia (ASM)

Quote: "Water is a national trust, to be governed with integrity for the people and the future"

Bio:

Datuk Ir. Abdul Kadir Mohd Din has over 40 years of leadership experience in the water and sewerage sectors, with extensive expertise in strategic sector planning, utility transformation, environmental sustainability, green technology, risk management and operational optimisation. He holds a Diploma in Civil Engineering from UiTM Shah Alam and a Bachelor of Science (Hons) in Civil Engineering from the University of Strathclyde, United Kingdom. He is a Professional Engineer with the Board of Engineers Malaysia, an ASEAN Chartered Professional Engineer, and a Chartered Engineer with the Institution of Civil Engineers, UK. Since May 2025, he has served as Chairman of the National Water Services Commission (SPAN), leading regulatory initiatives under Malaysia's Water Sector Transformation 2040 agenda. He is a Fellow and Council Member of the Academy of Sciences Malaysia and currently chairs its Water Committee. His previous roles include Chief Executive Officer of Indah Water Konsortium and Chief Operating Officer of Pengurusan Aset Air Berhad.



SPEAKER PROFILE



Mr. Lee YiQuan

Regional Business Development Manager
Viscoy Pte Ltd, Singapore

Quote: Practice makes perfect

Bio:

Lee YiQuan is the Lead UAV Pilot and Principal Trainer at Viscoy Pte Ltd, where he leads the deployments, field trials and services of advanced UAV, robotics and various inspection technologies. With over 10 years of hands-on experience in operating robotic and inspection technologies, he has worked extensively across industries requiring inspection, safety, and operational efficiency. VISCOY is an Inspection Technology Company in the Asset Integrity Inspections and Maintenance space. We offer inspection technology and solutions through technology (equipment) sales, rental and lease, inspection services and training. We actively source and/or develop new technologies and solutions relevant to our market and work with technology owners to bring them to markets we serve. In his role, he oversees UAV operations, training programmes, and the implementation of innovative inspection methodologies that help organizations enhance asset integrity and reduce operational risks. His expertise spans aerial inspection, robotic inspection systems, and the practical integration of emerging technologies into industrial environments. At this event, YiQuan will share insights from a decade of field experience, highlighting how UAV, robotics and various inspection technologies are transforming the way industries approach maintenance, safety, and asset management.

SPEAKER PROFILE



Dr. Jennifer Rose Ayres

Consultant Commissioning Engineer & Research Associate
JP Engineering, Australia

Quote: Good engineering doesn't fail in the field — it fails in translation. That's where I work

Bio:

Principal-level Consulting Process Commissioning Engineer with 25+ years of experience delivering complex water, wastewater, and desalination projects across the UK and Australia. I bridge design intent and operational reality—leading commissioning, completions, and optimisation for major EPCM, D&C, and utility programs. I combine deep technical expertise with a consulting mindset, ensuring projects meet performance, quality, and regulatory standards. Skilled in stakeholder engagement, process troubleshooting, and operational readiness, I help multidisciplinary teams deliver safe, efficient, and compliant outcomes under tight schedules. I hold a PhD in Water Engineering and serve as a Research Fellow at Universiti Malaysia Sarawak (UNIMAS), where my work examines commissioning practice and the knowledge it generates. I have also lectured across a range of engineering subjects, bridging industry experience with academic teaching. I'm driven by translation in both directions — turning complex process designs into practical, high-performing systems, and bridging the gap between engineering practice and academic research so each makes the other stronger.

SPEAKER PROFILE



Mr. Amos Tay Chee Wan

Senior Application Development Engineer
Borouge International, Singapore

Quote: Essential materials that move the world forward.

Bio:

I joined Borouge in 2012 started as product owner, working closely with production and laboratory teams in Abu Dhabi, responsible for servicing customers by driving continuous improvement in product quality, performance and certifications of Polyethylene pipe grades. With hands-on experience in polymer QC analytical and processing equipment coupled with R&D in product development, I have been given opportunity to work directly with customer as Technical Service to support trials on new grades, optimise their production in particular with Borouge products, providing troubleshooting and solutions to address processing related anomalies. Armed with cross-region learnings, I have expanded scope into application developments in collaboration with customer to fill market needs and enlarged their product offerings. I have spent over 25 years in the petrochemicals industry in various roles spanning QC, R&D, raw material manufacturing, product development, safety and compliance management systems; and holds a Master of Sciences in Polymer Technology from Loughborough University, UK.

SPEAKER PROFILE



Associate Professor Dr. Kenneth Francis Rodrigues
ASSOCIATE PROFESSOR (MOLECULAR GENETICS)
BIOTECHNOLOGY RESEARCH INSTITUTE, UNIVERSITI MALAYSIA SABAH

Quote: Wastewater is a resource, leverage it for the circular economy.

Bio:

The speaker is a biotechnologist with 20 years of research experience as a molecular biologist and has completed more than 18 research projects in the area of biotechnology which include microbial metagenomics and molecular microbiology. He has ten years experience in the biotechnology industry and has worked in collaboration with government agencies involved in wastewater management, aquaculture and agriculture. He is currently working on strategies to improve wastewater treatment using sustainable microbial technology at the Wastewater Living Laboratory, Biotechnology Research Institute, Universiti Malaysia Sabah. He is an accredited HRDC trainer and conducts training for industry in Biosafety, Biosecurity and Biotechnology.

SPEAKER PROFILE



Ts. Garry Maclean John

Deputy Director/ Regulation & Sustainability
Sabah Sewerage Services Department

Quote: We take clean water, we return it cleaned

Bio:

Ts. Garry Macelan John has a wide range of experience in the engineering field gained from working in the private and government sectors. Born on the 22nd January 1981, he got his education from Mara Junior Science College in Balik Pulau, Penang and then went on to further his study at Universiti Putra Malaysia Serdang, Selangor for his Bachelor in Civil Engineering graduated on the year 2004. His first employment was in Oil & Gas industries as Offshore Installation Top Side Maintenance Engineer specialized in corrosion mitigation and mitigation on the offshore platform. He then joined Sabah Forest Industries as Mill Maintenance Engineer, where he is assigned for leading teams of maintenance crew to repair and maintain the paper production mill complex. He then joined the government sector on 2006 as Executive Engineer at Sewerage Section, JKR Sabah. After 4 years, he was assigned to be a District Engineer of JKR Penampang and JKR Papar from 2011 until 2018 then promoted as Assistant Director of Sewerage Section, JKR Sabah. When JPP Sabah was created in year 2020, the state civil service reassign him into this department to head the Development and Budget Division as Chief Assistant Director until 2025 where he was then being promoted as Deputy Director of Regulation and Sustainable Sector, JPP Sabah until present.

SPEAKER PROFILE



Ms. Mirjam van Buchem

Senior Project Manager Asia and Middle East
Netherlands Water Partnership (NWP)

Quote: We are delighted to participate in BIWWEC with a delegation from the Netherlands. This is another important milestone on our shared journey towards IWA WWCE 2028. We look forward to deepening our relationships, exchanging valuable know-how in solving water challenges together, and working on concrete opportunities for collaboration.

Bio:

Mirjam van Buchem is Senior Project Manager Asia and Middle East at the Netherlands Water Partnership (NWP), where she connects Dutch water expertise with international partners, programmes and opportunities across Asia and the Middle East. She supports Dutch water sector positioning, trade and knowledge exchange in areas such as river basin management, circular water solutions, water security and climate adaptation. Mirjam is closely involved in developing international partnerships, organising sector missions and events, and building strong public-private networks in countries including India, Saudi Arabia, Malaysia and other strategic markets. Mirjam helps translate shared water challenges into concrete cooperation between Dutch organisations and partners abroad

SPEAKER PROFILE



Assoc. Prof. Ir. Dr. Chow Ming Fai

Associate Professor in Department of Civil Engineering
Monash University Malaysia

Quote: "Sustainable water futures begin at the intersection of nature, science, and collaboration."

Bio:

Dr. Chow is an Associate Professor at department of Civil Engineering, Monash University Malaysia. He holds a PhD in Civil Engineering from Universiti Teknologi Malaysia. His specialisation includes sustainable urban stormwater management, hydrological and water quality modelling, climate change impact analysis, and digital twin model development. Dr. Chow is a recipient of the Green Talent Award 2015 (Germany) and the Malaysia Water Association (MWA) Research Merit Award 2024, and serves on the editorial board of multiple high impact journals. With over a decade of experience leading projects on flood risk assessment, urban stormwater management, sustainable water treatment and nature-based solutions for tropical catchments, Dr. Chow has published more than 100 papers (h-index 37) and supervised numerous PhD and master's students. He currently leads research on climate-resilient water infrastructure and PFAS removal in biofiltration systems, contributing expertise in integrated water resources and climate adaptation across Southeast Asia.

SPEAKER PROFILE



Mr. Aziz Gulam

MD & Principal Consultant
ADZAAN CONSULTING PTE LTD, SINGAPORE

Quote: Aim High, Tackle Low - set ambitious targets and be prepared to work hard to achieve them

Bio:

Mr Aziz has B. Eng (Mech) and M. Sc (Safety, Health & Environmental Technology) degrees from National University of Singapore. Prior to starting ADZAAN Vibro-Acoustics in 1996, he worked as a design engineer, project engineer and senior sound & vibration engineer at various international companies. In 2010, AVA was rebranded as ADZAAN Consulting Pte Ltd with core competencies in Vibro-Acoustics, Fluid Dynamics, and EHS Solutions. Mr Aziz current strategic focus is to productize our services so as to better serve the ASEAN region and beyond.

SPEAKER PROFILE



Dr. Wong Wai Meng
General Manager
Taliworks Corporation Berhad

Quote: Water is life, water supply must be sustainable, cost effective, safe for consumption and low carbon emission.

Bio:

Dr. Addie is a Director of Taliworks Technologies Sdn Bhd. He has a BSc from UKM and a MSc in Hydrology from Manchester University of UK. His PhD is in Drinking Water Treatment from UTM through Suez Water technology transfer program to UTM. Currently, he is an adjunct lecturer for University Technology Petronas in Water Treatment Engineering. He has 37 years of working experience in water industry, 13 years with Suez Water associate company and was a Board Member of Suez Water Drinking Water R & D Board of Suez Water. He has been involved in R & D works in water & wastewater treatment, treatment of algae-laden water, leachate treatment, coloured water treatment, sludge treatment, hydrology, dam hydrology modelling, dam destratification, membrane, ceramic membrane technology, underground dam, micro-straining, sludge treatment with drying bed and geo-tube, sustainable filtration for rural supply and vast advanced water technology since 1989. One of his achievements is the enhancement and design of the Sg. Jor WTP sludge drying bed which was effectively dried sludge to 50% dryness and widely used by Suez Water worldwide due to its low cost and sustainability.

SPEAKER PROFILE



Mr. Tee Chee Khiang
Project Manager
Taliworks Corporation Berhad

Quote: water is life

Bio:

Graduated from Universiti Kebangsaan Malaysia in 2007 with a Bachelor of Engineering (Honours) in Biochemical Engineering. Possesses experience in project management, plant commissioning, and process engineering across both Peninsular Malaysia and East Malaysia. Early career experience focused on industrial wastewater treatment systems, particularly for the Food & Beverage (F&B) industry and biogas recovery projects involving Palm Oil Mill Effluent (POME). Developed strong foundation in the design, implementation, commissioning and optimization of treatment facilities. Joined Taliworks Corporation Berhad in 2015, expanding technical exposure in various water and environmental treatment applications, including potable water treatment, leachate treatment, sewage treatment, recycled water and related treatment technologies. Current responsibilities include providing technical support for tender and proposal development, conducting site and plant assessments, preparing cost estimations, and supporting engineering and operational activities. Additional responsibilities include conducting laboratory evaluations, in-house testing and pilot-scale studies especially on the assessment and application of Ceramic Membrane Filtration (CMF) technology.

SPEAKER PROFILE



Mr. LIU JINGYANG

Senior Design Engineer
Ramboll, Singapore

Quote: I hope we can create values in the environment and society through converting water and climate change related challenges into opportunities.

Bio:

Jingyang is a senior design engineer with 8+ years' experience of flood risk assessment, integrated flood resilience planning, nature-based solutions, coastal protection, and water infrastructure planning across Singapore and the region. He has hands-on experience working directly with local government agencies as a client or stakeholder. Jingyang has led and supported multi-disciplinary projects from planning through construction, including tender management, stakeholder engagement, cost-benefit analysis, design and construction supervision.

SPEAKER PROFILE



Mr. Torben Silberg Poulsen
Business Development Manager
ABB

Quote: Variable speed pumping is here to stay.

Bio:

Torben Silberg Poulsen holds a degree in Electronic Engineering from Aarhus University Denmark and a degree in Business Development from South Danish University. He has been working with variable speed drives since 1993 in different positions from design to product management. In the last 28 years with special focus on variable speed pumping applications and energy efficiency. Torben Silberg Poulsen have worked for ABB for the last 8 years as Business Development Manager for variable speed pumping for various industrial segments.

SPEAKER PROFILE



Mr. Loh Shuen Xiang Zachary
Market Development Manager
Hydroleap Pte Ltd, Singapore

Quote: To consider the future is to think sustainably. To shape it is to act sustainably.

Bio:

Zachary Loh is a business development and strategy professional focused on advancing sustainable infrastructure solutions across the data centre, water, and industrial sectors. At Hydroleap, he plays a key role in driving partnerships, market development, and industry engagement, helping bridge the gap between emerging technologies and real-world infrastructure challenges. Over the past several years, Zachary has developed a strong understanding of the data centre ecosystem across Asia-Pacific, working closely with operators, consultants, EPCs, hyperscalers, technology providers, and industry associations. His work centres on the growing water-energy nexus, supporting initiatives that improve cooling efficiency, water stewardship, and resource resilience in increasingly power- and water-intensive digital infrastructure environments. Beyond commercial development, Zachary is actively involved in industry thought leadership, helping shape conversations around sustainable data centre growth, AI infrastructure, water circularity, and infrastructure resilience. He has contributed to the organisation of industry forums, executive roundtables, and knowledge-sharing platforms that bring together stakeholders across the built environment, utilities, and digital infrastructure sectors. He was also part of the team that secured 3rd place in the NTT Startup Challenge, demonstrating the potential of innovative water technologies to address critical infrastructure challenges. Driven by Hydroleap's mission to make water available, accessible, and affordable, Zachary is passionate about helping industries rethink water as a strategic resource and enabling practical solutions that support both operational performance and long-term sustainability.



SPEAKER PROFILE



Ir. Ts. Iwan Nazri Bin Mohd Nordin
Director
Suruhanjaya Perkhidmatan Air Negara (SPAN)

Quote: Smart sewerage planning is the unsung hero of community health and a clean environment

Bio:

Ir. Ts. Iwan Nazri bin Mohd Nordin is an accomplished regulatory leader specializing in civil engineering for water supply and sewerage management. He currently serves as the Director of Standard Technical and Compliance Section at the National Water Services Commission (SPAN), Malaysia. With over two decades of water services industry experience, he oversees sewerage catchment strategies, water reclamation initiatives, sewerage operator licensee compliance, and sewerage utility infrastructure replacement programs. He holds a Degree in Civil Engineering from the University of Technology Malaysia and a Master of Business Administration from PUTRA Business School, UPM. Professionally, he is certified as a Professional Engineer by the Board of Engineers Malaysia and a Professional Technologist by the Malaysia Board of Technologists. Prior to his directorial appointment, he advanced through strategic leadership tracks at SPAN, serving as Deputy Director for both the Water & Sewerage Regulatory Department and the Industry Development Division. He forged his foundational technical expertise through engineering roles spanning the public sector, consulting firms, and property development.

SPEAKER PROFILE



Associate Prof. Ts. Noraziah binti Abdul Wahab

Assistant Vice-Chancellor (Industry-Community Network and Sustainability)
Universiti Malaysia Sarawak (UNIMAS)

Quote: From vision to impact - co-creating solutions that bridge technology, sustainability, and communities

Bio:

Associate Professor Ts. Noraziah Abdul Wahab is an accomplished academic, sustainability leader, and engineer with over 25 years of experience spanning industry, higher education, sustainability governance, and community development. She currently serves at the Faculty of Engineering, Universiti Malaysia Sarawak (UNIMAS), and holds the leadership role of Assistant Vice-Chancellor (Industry-Community Network and Sustainability). Her multidisciplinary academic background integrates Chemical Engineering, Project Management, and Sustainability Leadership. She is a Certified Sustainability Officer and she holds professional certifications in ISO 14001 Environmental Management Systems and Community-Based Participatory Research (CBPR). Her expertise encompasses water and wastewater engineering, sustainability strategy, and STEM education. Noraziah has led numerous high-impact research and consultancy, with a strong focus on rural water treatment solutions, socio-economic development planning, and community-based sustainability initiatives across Sarawak. She is the innovator behind the AlphaWater smart ultrafiltration system and the DAWAI AI platform, both of which exemplify her commitment to translating research into scalable, real-world impact. Her contributions have earned national and international recognition, including the Research & Development and Commercialisation Award at the Sarawak Digital Economy Award 2025, as well as the Tech to



Impact Award, a special recognition by Sarawak Digital Economy Corporation Berhad at the Borneo International Expo InTEX25.

SPEAKER PROFILE



Ir. Dr. HII CHING POON
DIRECTOR
JURUTERA ADDA SDN BHD

Quote: Sustainable water management requires a balance of innovative engineering, environmental stewardship, and a commitment to safeguarding our natural resources for future generations.

Bio:

Ir. Dr. Hii Ching Poon is a Registered Professional Engineer and Director at Jurutera Adda Sdn Bhd, specializing in the design and implementation of water infrastructure and flood protection systems. With over two decades of industry experience, he has involved in a wide range of high-impact projects, including the Integrated River Basin Management (IRBM) studies for the Batang Samarahan and Batang Saribas basins and major flood mitigation works across the Sarawak region. Dr. Hii is proficient in the application of specialized hydraulic and hydrological modeling tools, such as InfoWorks RS, HEC-RAS, and HEC-HMS, to solve complex engineering challenges. His practical expertise spans drainage improvement works, dam safety reviews, raw water transfer schemes, and saline intrusion modeling.

SPEAKER PROFILE



Associate Professor Dr Rosmina A Bustami

Director, Unimas Water Centre Faculty of Engineering Universiti Malaysia Sarawak
UNIMAS Water Centre (UWC), Universiti Malaysia Sarawak

Quote: Water is the lifeblood of our landscape and the foundation of our progress. My mission is to engineer solutions that respect the rhythm of nature while securing the future of our communities.

Bio:

Associate Professor Dr Rosmina Ahmad Bustami is currently the Director of UNIMAS Water Centre (UWC) and Associate Professor at the Faculty of Engineering, UNIMAS. Her area of expertise is in Water Resources Engineering, including Hydrology and Hydraulics. She has conducted extensive research in Water Sensitive Urban Design (WSUD), flood forecasting and is currently active in research on alternative water supply (AWS). She has been previously involved in numerous research and consultancy in various water engineering related projects, including riverbank protection, flood mitigation, dams and micro hydro generation.



SPEAKER PROFILE



Ir Ts Qairuniza binti Roslan
Jabatan Bekalan Air Luar Bandar Sarawak

Quote: Digital transformation driving water sustainability in Sarawak

Bio:

Dedicated water supply professional with over ten years of experience in managing water supply systems, including water production, distribution networks, and project development. Passionate about exploring innovative approaches to enhance water supply system performance and committed to contributing towards sustainable and resilient water management practices.



SPEAKER PROFILE



Dr. Wong Ngie Hing

Senior Lecturer

Swinburne University of Technology Sarawak Campus

Quote: True engineering bridges the gap between academic innovation and global environmental stewardship

Bio:

Dr. Matthew Wong is a Civil and Environmental Engineering expert with over 25 years of international experience across the USA, Singapore, and Malaysia. He specializes in water, wastewater, process engineering, and solid & hazardous waste management, holding senior supervisory roles in high-performance, KPI-driven environments. Dr. Wong has a proven track record of securing major research and industry funding from prestigious bodies, including Zabel (USA), NEA-ETRP (Singapore), MIT-SMART (Singapore), SRDC (Sarawak), FRGS (Malaysia), and WEIDA (Sarawak). In academia, he has spearheaded the development of the Master of Construction Management for adult learners and mentored faculty in Problem-based Learning (PBL) pedagogy. A highly decorated educator and researcher, he has consistently received Student Feedback and Research Success awards since 2006. Industry leaders such as Sembcorp (Singapore) and Sar-Alam Indah (Sarawak) have also recognized him for his innovation and environmental stewardship. Beyond academia, Dr. Wong drives international community engagement, leading key sustainability projects across Southeast Asia, Sri Lanka, Taiwan, and the USA.

SPEAKER PROFILE



Assoc. Prof. Ir. Dr. Charles Bong Hin Joo

Associate Professor

UNIMAS Water Centre (UWC), Faculty of Engineering, Universiti Malaysia Sarawak

Quote: Engineering a sustainable future through innovative urban stormwater management and a lifelong dedication to academic and industrial excellence

Bio:

Charles Bong Hin Joo's distinguished career is highlighted by his commitment to innovation, especially in the field of urban drainage management as well as advancing sustainability efforts. His qualifications, including a Doctor of Philosophy in Urban Drainage Management and a registered Professional Engineer as well as ASEAN Chartered Professional Engineer has laid a strong foundation for his transformative contributions to both academia and industry. Charles's commitment to the engineering profession extends to his active service in key roles such as a member of the International Association for Hydro-Environment Engineering and Research (IAHR) Malaysia Chapter Leadership Team (2022 – 2024) as well as elected Committee Member for The Institution of Engineers, Malaysia (Sarawak Branch) for session 2025/2026. Previously, he served as an International Scientific Committee member for the 37th IAHR World Congress (IAHR2017). Charles obtained various awards related to research such as Gold Prize, Special Award and Special Prize at Seoul International Invention Fair 2022, Gold Award at Malaysia Technology Expo (MTE2020), National Book Award (Anugerah Buku Negara 2016 - Kategori Pengajian Tinggi: Buku Sains dan Teknologi Terbaik) and Top 1% Reviewers in Environment/Ecology 2018 (Publons). In year 2024, he was awarded the IAHR Malaysia Mid-Career Professional Award by IAHR Malaysia Chapter.

SPEAKER PROFILE



Ir Dr Norazlina binti Bateni

Senior Lecturer

Unimas Water Center/ Department of Civil Engineering, Faculty of Engineering, UNIMAS

Quote: Sustainable water, resilient infrastructure, better futures

Bio:

Norazlina Bateni is a Senior Lecturer in the Department of Civil Engineering, Faculty of Engineering, at Universiti Malaysia Sarawak (UNIMAS). She obtained her Ph.D. in Water Resources Engineering from University of Malaya, specializing in stormwater management and permeable pavement systems. Her doctoral research led to the development of StormPav, an innovative green infrastructure technology that integrates permeable pavement with a precast hollow detention structure to improve urban stormwater management. This work received the Best Ph.D. Thesis Award at the National Conference on Stormwater Management (SWaM) in 2021. She also holds a Master of Engineering in Water Resources and Hydrology Engineering from Universiti Teknologi Malaysia (UTM). Since joining UNIMAS in 2005 as a Tutor, she has contributed extensively to academic leadership, serving as Civil Engineering Programme Coordinator and Engineering Accreditation Coordinator. She currently serves as the Postgraduate by Research Programme Coordinator for the Faculty of Engineering and Secretary of the UNIMAS Water Centre. Her research interests include stormwater management, water resources engineering, water supply systems, hydrology, and coastal engineering, with a strong focus on developing sustainable and resilient water infrastructure solutions.

SPEAKER PROFILE



His Excellency Jacques Werner

Ambassador

Embassy of the Kingdom of the Netherlands, Kuala Lumpur

Quote: -

Bio:

His Excellency Jacques Werner has served as Ambassador of the Kingdom of the Netherlands to Malaysia since September 2022. A distinguished career diplomat with over four decades of experience, he is dedicated to strengthening the longstanding partnership between the Netherlands and Malaysia through enhanced cooperation in trade, sustainability, water management, agriculture, innovation, entrepreneurship and cultural exchange.

As Ambassador, H.E. Jacques is committed to fostering meaningful partnerships that address shared global challenges, including climate change, water security and biodiversity. Drawing on the Netherlands' internationally recognised expertise in water management and climate resilience, he actively promotes collaboration between Dutch and Malaysian stakeholders to develop practical, sustainable and innovative solutions.

H.E. Jacques is a strong advocate of international cooperation and believes that lasting progress is achieved through knowledge sharing, innovation and people-to-people connections. Under his leadership, the Embassy continues to deepen bilateral ties and create opportunities for collaboration that contribute to a more resilient and sustainable future for both nations.

SPEAKER PROFILE



Mr. Mohammad Bin Siphon
Director
CHEMSAIN CONSULTANT SDN BHD, Malaysia

Quote: Infrastructure must not only solve today's problems; it must prepare communities for the environmental realities of tomorrow

Bio:

Mohammad bin Siphon is a Director of Chemsain Konsultant Sdn Bhd, with more than 30 years of professional experience across the water, waste, and wastewater sectors. His career spans both operational and consultancy roles, covering solid waste, hazardous waste, and TENORM waste management, including treatment, disposal, regulatory advisory, and infrastructure planning. He has extensive experience in the planning, design, construction, and operation of landfill facilities, leachate treatment plants, water and wastewater treatment systems, as well as waste-to-energy and waste-to-resource facilities. His work includes involvement in feasibility studies, technical design, project implementation, operational improvement, and strategic advisory services for both public-sector and private-sector clients. Mohammad currently oversees the company's Water Infrastructure Business Division, while also playing a key role in the development of the Drone Technical Centre Kuching (DTCK), particularly in research and development, training, advanced geospatial services, and applied technical solutions. He is also actively involved in TVET, technical training, and talent development consultancy under various companies within the Chemsain Group. Beyond infrastructure and environmental engineering, he provides consultancy and advisory services in land use development, water resources, renewable energy development, land use planning, geospatial mapping, and geotourism. His multidisciplinary experience enables him to support integrated development planning, environmental sustainability, infrastructure delivery, and capacity-building initiatives across a wide range of institutional and development contexts.



SPEAKER PROFILE



Mr. Deris Kusdinar
Manager Teknik
Perumda PALD Banjarmasin, Indonesia

Quote: Domestic wastewater management is important for all of us, which will have a significant impact on environmental sustainability and raw water sources for the survival of future generations.

Bio:

My current position is Manager Teknik at the Banjarmasin City Domestic Wastewater Management Company. I have a bachelor's degree in environmental engineering. I have worked at Perumda PALD Banjarmasin for approximately 16 years.



SPEAKER PROFILE



Mr Azuan Ahmad Zahdi
Chief Corporate Officer
Indah Water Konsortium Sdn. Bhd., Malaysia

Quote: The future of the water sector will be built on partnerships, where capacity building and shared knowledge become our most powerful tools for progress.

Bio:

AZUAN AHMAD ZAHDI Chief Corporate Officer | Indah Water Konsortium Sdn. Bhd. Azuan is the Chief Corporate Officer of Indah Water Konsortium (IWK), Malaysia's national sewerage utility, where he leads corporate planning, communications, and legal functions. In his 7th year with IWK, he brings over 18 years of experience across corporate transformation, strategic planning, and sustainability spanning multiple industries. Azuan has played a key role in Malaysia's first domestic sewerage tariff review in 28 years, developed water reclamation initiatives and led IWK's regional mentorship and capacity building programmes. He also sits on the Steering Committee of the Global Water Operators' Partnerships Alliance (GWOPA) under UN-Habitat.



SPEAKER PROFILE



Engr. Wilbur S. Suanding
Engineer IV

City Environment and Parks Management Office
City Government of Baguio, the Philippines

Quote: "Fostering partnerships for innovative water security programs"

Bio:

ENGR. WILBUR S. SUANDING currently serves as Engineer IV for the Wastewater and Hazardous Waste Management Division at the City Environment and Parks Management Office, City Government of Baguio, Philippines. He graduated from University of Baguio with the degrees in BS Civil Engineering and BS Environmental and Sanitary Engineering. A registered civil engineer and sanitary engineer with the Professional Regulation Commission. He also finished his Master in Environmental Science from Saint Louis University. He is among the Board of Director of Bag-iw Chess Association. He is a former Past President of the Philippine Society of Sanitary Engineers-Cordillera Administrative Region Chapter. He is also a member of the following organizations: Philippine Institute and Civil Engineers-Baguio City Chapter, Philippine Society of Sanitary Engineers, Integrated Society of Environmental and Sanitary Engineers of the Philippines, Inc., JICA Alumni Association of the Philippines, Inc., University of Baguio Alumni Foundation, Inc., and Saint Louis University Alumni Foundation, Inc.

SPEAKER PROFILE



Mr. Harry Seah
Chairman
PUB Consultants, Singapore

Quote: -

Bio:

Harry Seah, is the Senior Consultant to CE of PUB and Chairman to PUB Consultants and Singapore International Water Week Pte Ltd. Prior to his current appointments, Harry Seah was Deputy Chief Executive (Operations), Asst Chief Executive (Future Systems & Technology) and Chief Engineering and Technology Officer at PUB, leading PUB's efforts in the continuous exploration, research and development of water technologies essential to future-proof Singapore's water system. Under his leadership, PUB has established itself to be among the world's most innovative and forward-looking utilities.

SPEAKER PROFILE



Mr. Chen Feng
Head, Water Division
HSL Group, Singapore

Quote: Advancing resilient rural communities across Southeast Asia through decentralised, digitalised and decarbonised water solutions.

Bio:

Chen Feng serves as Head of the Water Division at HSL Group, leading water technology innovation, business development, and project execution across Singapore and Asia. With over 20 years of experience, he has delivered a wide range of environmental infrastructure projects, including water resource management, water and wastewater treatment and reclamation, seawater desalination, waste-to-energy systems, and renewable energy solutions. He is a Chartered Engineer (Singapore) and holds a Master's degree in Environmental Science and Engineering. He is also a Senior Professional Engineer with the Chinese Society of Engineers (CSE).

SPEAKER PROFILE



Mr. Puranut Wisutjindaporn
Business Development Manager
Yokogawa, Singapore

Quote: The future of water lies in the convergence of people, data, and technology. By embracing digital transformation, utilities can improve efficiency, strengthen resilience, and deliver greater value to the communities they serve.

Bio:

Puranut Wisutjindaporn (Pong) is a water industry professional with over 19 years of international experience spanning water and wastewater infrastructure, utility transformation, and digital innovation. He currently serves as Regional Business Development Manager at Yokogawa, leading water sector initiatives across Southeast Asia, Taiwan, Australia, and New Zealand. Since joining Yokogawa in 2022, Puranut has been working closely with water utilities, governments, and industry partners to drive operational excellence, sustainability, and digital transformation. His expertise covers a broad range of areas, including water loss management, smart metering, SCADA and operational technologies, IT/OT integration, advanced analytics, and utility modernization strategies. Prior to Yokogawa, he held various roles with leading international water companies, including project engineering, consulting, and business development. His experience encompasses the planning, design, and implementation of major water infrastructure projects, public-private partnership (PPP) initiatives, sewer rehabilitation programs, and digital solutions for water utilities. Puranut is passionate about helping utilities enhance resilience, improve efficiency, and deliver better outcomes for customers through innovation and technology. He holds a Master of Science in Environmental Science and Engineering from Nanyang Technological University, Singapore, under the Singapore-Stanford Partnership Program, and a Bachelor of Engineering in Environmental Engineering from Chulalongkorn University, Thailand.

SPEAKER PROFILE



Mr. Shamsir Bin Shamsudin
Head of Technology & Innovation
Ranhill Saj Sdn Bhd, Malaysia

Quote: Securing the future of water through current sustainable and smart technologies.

Bio:

Current Post : Head of Technology & Innovation, Ranhill SAJ Academic : Bachelor of Engineering (Electrical) University Malaya. Work Experience : 30 years (20 years in water industry) 1994 – 2004 : Production Engineers (Hitachi Cable Johor) 2005 – 2007 : M&E Manager (SAJ Holdings) 2007 – 2019 : Project Planning Manager (Ranhill SAJ) 2019 – 2022 : Technology & Innovation Manager (Ranhill SAJ) 2023 – Present : Head of Technology & Innovation Chairman of Energy Management & Sustainability for Ranhill SAJ Registered Energy Manager by Suruhanjaya Tenaga



SPEAKER PROFILE



Mr. Mohamad Iznul Muazim Bin Mohamad Zabidi
Asia-Pacific Sales Manager – Technologies
Mueller Water Products, Malaysia

Quote: Bridging Solutions for Water Sustainability requires a proactive approach to asset management and operations. By leveraging data-driven insights and informed decision-making, we can optimize water capital investments and create agile infrastructure management strategy for a Flowing Future

Bio:

Iznul Muazim has extensive experience in the water, wastewater, stormwater, and environmental sectors, with a proven track record in strategic business development and project management. His work with utilities, engineering consultants, system integrators, technology companies, solution providers, and industry groups, both locally and internationally enables him to understand client needs and support data-driven decision-making through the adoption of smart water technologies and solutions.

SPEAKER PROFILE



Encik. Mohd Hedzir Bin Hanafi
Group Chief Executive Officer
Ranhill Utilities Berhad, Malaysia

Quote: Together we can transform water challenges into opportunities through partnership, innovation and a shared commitment to sustainability.

Bio:

Area of expertise / core competencies: ▪ Experience in Board Member as an Independent and Non-Executive Director (INED) of Pengurusan Aset Air Berhad (Ministry of Finance Incorporation subsidiary). ▪ Sectorial expert / strong understanding and knowledge in construction and infrastructure industry which covers understanding on investment appetite, industry updates which cover various sector such as highway, building, power plant, special area development, renewable energy, rail, telecommunication, healthcare and water projects ▪ Project finance/PPP/investment advisory and corporate advisory space which primarily focus on financial modelling, project structuring, and negotiation as well as engagement with various stakeholders inclusive of private sectors/shareholders, Government agencies and ministries. ▪ Capital markets/Sukuk execution in particular origination in specific sector i.e. infrastructure, energy/IPP, utility, transportation (rail & road), education, renewables energy and telecommunication ▪ Investment strategy, corporate finance, financial feasibility study and strategic advisory fields ▪ Commercial structure for project implementation and innovative funding/investment structure.

Speaker Profile



Majdi Al-Hjouj

Global Director

NX Filtration, the Kingdom of the Netherlands

Bio: Majdi Alhjouj is a experienced chemical engineer and global sales leader with over two decades of experience in the water and wastewater treatment industry. Holding both a B.Sc. in Chemical Engineering and an M.Sc. in Integrated Service Engineering from the University of Applied Sciences Utrecht- Membrane Specialist, Majdi has built a distinguished career across Europe, the Middle East, Asia, and Africa. Currently serving as Global Director at NX Filtration, Majdi previously led global business strategy for the ZeeWeed Ultrafiltration product line at Veolia (formerly SUEZ Water Technologies & Solutions). His leadership has been instrumental in driving channel partner development, managing multimillion-dollar operational plans, and supporting mega desalination and municipal reuse projects worldwide. Majdi's career spans key roles at GE Water & Process Technologies, IMT Solutions B.V., and Metito Overseas Ltd., where he consistently delivered strategic growth, product innovation, and customer-centric solutions. His entrepreneurial mindset, technical acumen, and collaborative approach have earned him a reputation for building strong, loyal relationships and leading high-performing teams. With a unique blend of strategic vision and technical expertise, Majdi is passionate about advancing sustainable water solutions and fostering global partnerships that make a lasting impact in Circular Economy.

Quote: "Innovation in Nano Membrane technology is enabling a new era of water treatment—one where sustainability, performance, and affordability go hand in hand to create greater impact worldwide."

Speaker Profile



Ts. Lau Jing Teck

Divisional Water Engineer (DWE)

Rural Water Supply Department Sarawak (JBALB), Malaysia

Bio: Ts. Lau Jing Teck is a distinguished Civil Engineer currently serving as the Divisional Water Engineer for the Sarawak Rural Water Supply Department (JBALB) in the Miri Division. A registered Graduate Engineer with the Board of Engineers Malaysia (BEM) since 2016, he has built extensive expertise in public infrastructure development, hydraulic networks, and large-scale water project management. He holds a Master's degree from UNIMAS, specializing in hydrological studies and raw water safe yield estimation. Appointed as a Superintending Officer (SO) by the Director of JBALB Sarawak, Ts. Lau is recognized for his technical leadership in executing complex rural water supply initiatives. His fields of specialization include decentralized water treatment technologies, long-distance pipeline distribution networks, and the integration of IoT telemetry for remote asset monitoring. As an expert in navigating extreme remote logistics, he is actively at the forefront of implementing the state's endorsed Sarawak Alternative Water Supply Programme (SAWAS) guidelines, driving sustainable, climate-ready engineering solutions to bridge the "last mile" water security gap across Borneo's hinterlands.

Quote: In the face of complex logistics and isolated terrains, alternative water solutions like SAWAS prove that geography is no longer a barrier to public health and equity. We are engineering a sustainable blueprint for the future of rural ASEAN.

Speaker Profile



Ts. Angie Ng Mook Deng

Managing Director
I Green Engineering Sdn Bhd, Malaysia

Bio: Ng Mook Deng is a Project Director with over 20 years of experience in water and sewerage construction and rehabilitation works. She holds a Bachelor of Science (Chemistry) from Universiti Sains Malaysia and is a registered Professional Technologist with the Malaysia Board of Technologists (MBOT). She has led numerous design-and-build projects involving sewage treatment plants, sewer networks, pumping stations, and trenchless rehabilitation works for both public and private sectors. Her extensive project portfolio reflects her expertise in delivering reliable, efficient, and sustainable infrastructure solutions across Malaysia.

Quote: Sustainable water networks are built not by replacing the old, but by strengthening what remains.

Speaker Profile



Ts. Mrs Jennieve Peter

DIRECTOR

JABATAN PERKHIDMATAN PEMBETUNGAN SABAH, Malaysia

Bio: Accomplished senior engineering and public sector executive with over 30 years of experience in infrastructure development, wastewater management, strategic planning, policy formulation and organisational leadership. Proven track record in leading statewide sewerage services, delivering major infrastructure projects, managing public assets, developing technical standards, and building high-performing teams.

Quote: Serving silently beneath the surface, protecting lives above it

Speaker Profile



Mr Kishor Gokhale

Business Development Manager - Asia South Pacific region
KSB Singapore

Bio: I am working with KSB since Year 1994 and that makes 32 years of experience in pumps and systems. At present, I am working as Business Developer in Water Market for Asia South Pacific region.

Quote: KSB – Solutions. For Life.