

Water for the Future summit&expo 2019

Water is the essential resource for all life on this planet. Robust hydraulic infrastructure is a key element to support social development, including industry and business activities, sustainable agriculture and healthy water environment.

Taiwan is located across the tropical and subtropical areas with steep topography. The geological characteristics is unfavorable for water management but brings an opportunity for smart water technology application and emerging development of the water business. Following the global trend “Water for Human”, Taiwan is aggressively promoting multidisciplinary cooperation and introducing smart water technologies to optimize our water infrastructure. We may thus improve water supply improvement, prevent water shortage and achieve the environmental resilience.

In the event “Water for the Future Summit & Expo 2019”, you may find out our effort to create a better water future. In this program, we invite a variety of experts from private and public sectors. Experiences from governmental agencies, academic and research institutes, as well as enterprises can be fully discussed, shared, and exchanged to elucidate the optimal water strategies to face climate change. Through the 28 international forums and the three theme halls in our pavilion composed by 52 Taiwan water enterprises, we proudly present to the global participants the abundant capacity of Taiwanese enterprises, their close connections with international markets, and our achievement of private-public-partnership .

Water Leaders Summit

Keynote Speakers



Kala Vairavamoorthy
IWA Executive Director

Professor Kala Vairavamoorthy is an internationally recognised water resource management expert, with particular expertise in urban water issues. He combines a strong engineering background with practical international experience. He has published extensively and has a strong international profile working closely with the World Bank, UN-Habitat, UNESCO, GWP, SIWI and the EU. Prior to joining the International Water Association, he was the Deputy Director General for Research at the International Water Management Institute.

Kala has been a member of many International Scientific Committees. Currently he serves on the Stockholm's World Water Week's Scientific Program Committee and the Global Water Partnership's Technical Committee. He was Co-chair of IWA's Cities of the Future Program and also a member of Singapore International Water Week's Program Committee.



Graham Duxbury
Chief Executive Officer, Groundwork, UK

Graham Duxbury is Chief Executive of Groundwork UK, a leading NGO promoting community-led solutions to social, economic and environmental challenges in the UK. Graham was appointed Chief Executive in March 2014, having worked for Groundwork UK in a number of national roles for the previous 15 years. His responsibilities have encompassed building national relationships and partnerships, generating income, developing national programmes and leading on policy and strategic communications. Graham joined Groundwork UK in 1998, prior to which he undertook a number of communications roles in the voluntary, public and private sectors.



Shan-Shan Guo
Vice Chairman of Delta Electronics Foundation

- Defined corporate's branding strategy and consolidated its positioning under the "Smarter. Greener. Together."
- Led Delta branding initiatives to be named as Best Taiwan Global Brand from 2011 to 2018.
- Organized World's first 8K environmental documentary "Water with Life in Taiwan"
- Hosted Delta official side event at the COP24 UN Climate Change Conference to promote technological innovation for energy resilience.
- Invited by ICLEI for a speech during the COP23 UN Climate Change Conference, and shared Delta's endeavors in nurturing green buildings and low-carbon mobility.
- Curated "Delta21@ COP21" Green Building Exhibition, organized Delta official UN side event, and delivered a keynote speech at German Pavilion at COP21, Paris.
- Curator of "Run for Water, Water for Run Exhibition" and "Delta Green Building Exhibition" globally.

Keynote Speech

Keynote Speech Speakers



Charles Ray Alexander

Director of Contingency Operations and Homeland Security,
U.S. Army Corps of Engineers

Mr. Alexander is the Director of Contingency Operations and Homeland Security. His portfolio includes command and control of USACE civil and military contingency operations during disaster incidents, programs in flood risk management and critical water resources infrastructure.

Appointed to the Senior Executive Service in November 2014, Mr. Alexander has over 38 years of combined federal and private sector experience. From 2013 to 2014, he served as Senior Director for Response Policy on the National Security Council Staff in the White House. Previously, he was Chief of Interagency and International Services (IIS) at Headquarters USACE.



Tjitte Albert Nauta

Manager, Regional Manager Asia, Deltares




Mr. Nauta has a broad experience in the fields of Integrated Water Management, WRM action planning, flood risk management, capacity building and mathematical modelling and monitoring studies. His consultancy experience as expert advisor and project manager at Deltares includes studies on mentioned aspects for freshwater and coastal water systems in numerous countries.

Collaborative River Restoration Workshop

September 25 (Wednesday) p.m.

Venue | WRA 1st meeting room
(9F., 41-3, Sec. 3, Xinyi Rd., Da'an Dist., Taipei, Taiwan)

Water Resources Agency (WRA) has been on good relationship and friendship with the Japan Riverfront Research Center (RFC) for almost 20 years through the systematic technical exchange. This year WRA has invited the two experts from RFC, President Takehiko Ono and Director Nobuyuki Tsuchiya, to Taiwan and share their river restoration experiences with the public-private partnership. WRA hopes this program can enhance the power of society to protect our rivers and rebuild the harmonious relationship between people and river environment, for the purpose of restoring the natural ecology in Taiwan water bodies and the vitality of river environment.

Time	Program	Remark	
14:30~14:40		Opening Remarks	
14:40~15:00	Introduction of RFC	Takehiko Ono President, Japan Riverfront Research Center	
15:00~16:00	Collaborative Nature Restoration in Japan	Nobuyuki Tsuchiya Director, Japan Riverfront Research Center	
16:00~16:20	Tea Break		
16:20~16:50	A Case Study for Collaborative River Restoration in Taiwan	Chun Shen Chen Chief, Water Resources Planning Institute	
16:50~17:30	Discussion		

Daily Programme

Speakers

September 26 (Thursday) a.m.

R201E | SDGs and Enterprise Development



Tain-Tsair Hsu

Chairman, Commerce Development Research Institute, Taiwan

Tain-Tsair Hsu is a Taiwanese politician who served as the mayor of Tainan City for 9 years, as well as the member of Legislative Yuan for 14 years. He is an economics expert in transformation of the digital economy, economic strategy and policy, and business cycle forecasting. Currently, he is the chairman of the CDRI (Commerce Development Research Institute).



Greg Rogers

Founder, Eratosthenes LLC, USA

Dr. Rogers is the founder of Eratosthenes LLC and predecessor of Advanced Environmental Dimensions LLC, a research and consulting firm specializing in the estimation, reporting and management of environmental liabilities and risks since 2005. His research includes regulatory and private-sector standards on internal control, enterprise risk management, the fiduciary duty of care to exercise reasonable oversight, and climate-related financial disclosure.



Cheng-Chung Huang

Managing Director, KPMG Sustainability Consulting Co., Ltd, Taiwan

Dr. Niven Huang has been the Managing Director of KPMG Sustainability Consulting Co., Ltd., and was the chairman of the Advisory Board of ASrIA. Dr. Huang is a pioneer in CSR, sustainability reporting, ESG investment, corporate sustainability strategy and carbon management. He is the advisory board member of NDCi. Global, a new international community for promoting climate finance.



Avi Slonim

Legal Advisor, Israeli Water Authority, Israel

Avi Slonim has vast experience in water and infrastructure regulation and has been advising the IWA on establishing a long term economic regulation of the water sector; shaping standards and report requirements from water and sewerage corporations; supervision and regulation over 'Mekorot', Israel's national water company; forming cost and tariff methodology for the water sector.



KC Chou

Vice President, Taiwan Alliance for Sustainable Supply, Taiwan

Mr. Chou is the senior vice president of ASE Group Kaohsiung site. He is also the Vice President of Supply Management Institute, Taiwan, Vice President of Taiwan Alliance for Sustainable Supply, the Director of Center for Corporate Sustainability, Honorary Director of Taiwan Printed Circuit Association, and Honorary President of Taiwan Export Processing Zone Electrical and Electronic Manufactures Association.

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Daily Programme

September 26 (Thursday) p.m.

Speakers

R201E | Innovative Water Business Based on New Technologies



POPO

President, Acer Being Communication, Taiwan

Mr. PO is the president of Acer Being Communication. He was the procurement head of Acer Computer, technical assistant of corporate CEO and product director of ITGO. He took his EMBA degree at National Chengchi University (NCCU) and MA degree of electrical engineering at National Taiwan University of Science and Technology (NTUST).



Juan Gutiérrez

Principal Engineer, HR Wallingford, UK

Juan is a Principal Engineer at HR Wallingford (Innovyze channel partner for Taiwan) for 15 years, covering fields as diverse as hydrodynamic computational modelling, physical hydraulic modelling and motorway design. As a drainage modeller Juan has hands-on experience of the latest InfoWorks ICM modelling package. Juan is responsible for the technical support to InfoWorks ICM users in Hong Kong, Taiwan and Thailand.



Chou Lai

Assistant General Manager, MSIG Mingtai Insurance Company, Taiwan

Mr. Lai's research topic is focusing on risk management in insurance industry. Having 20 years experiences in MSIG Mingtai Insurance Company, he specializes in loss prevention engineering, underwriting, claim, reinsurance, IT, business process reengineering in Fintech areas. Mr. Lai is the committee member of Engineering Insurance Association, Vice Chairman of IT Committee, and Non-Life Insurance Association.



Chris Zevenbergen

Professor, Water Engineering Department of IHE Delft, The Netherlands

Chris Zevenbergen is the professor at the water engineering department of IHE Delft and the department of hydraulic engineering, faculty of civil engineering of the TU Delft, the Netherlands. He is also the project director of DeltaCap, a capacity development program funded by the Dutch government to support the implementation of the Delta plan in Bangladesh, and of AFMA.



Fons Nelen

Managing Director, Nelen & Schuurmans, The Netherlands

Fons worked at the engineering firm DHV in Amersfoort until 1998. Since 2009, in the event of 10th anniversary of Nelen en Schuurmans, he started the development of 3Di Water Management in order to help people manage water problems in an interactive, visualized and accurate way that can be easily understood by the public without the water domain knowledge.

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September 26 (Thursday) a.m.

R201F | Total Solutions for Sustainable Water Use in Industry



Kiyoshi Ida

General Manager, Water Processing Division, Sumitomo Electric Industries, Ltd., Japan

Kiyoshi Ida has been engaged in multi-cellular PTFE products development, manufacturing and related businesses. In order to contribute to the world water environmental improvement, Kiyoshi has been participating in the same products water treatment business establishment plans, devoted himself to the product-developing as a role of Technical Director since 2000.



Koji Fujiwara

Section Manager, Toray Industries Inc., Japan

Koji Fujiwara is a manager of the Technical Service Section of Water Treatment Technical Dept., Toray Industries Inc. in Japan. Later, he entered Toray and has engaged in the development of RO products until 2000. Since 2001, he has been devoting himself in RO technical services in the Middle East and Southeast Asia. He is in charge of seawater desalination, drinking water production and wastewater treatment and reuse.



Jimmy Wang

Manager, Taiwan Semiconductor Manufacturing Company, Ltd., Taiwan

Mr. Wang obtained the Water Conservation Outstanding Performance Award from Taiwan Water Resources Agency in 2007. He has devoted to establishing water conservation strategies and policies using the Distributed Control System (DCS), Facility Monitor and Control System (FMCS) and several monitoring and management systems.



Jin-Wei Kuo

Section Head, Water Treatment Plant, China Steel Corporation, Taiwan

Mr. Kuo has three years of working experiences at China Steel Machinery Corporation (CSMC). He is a professional of arranging project schedules and costs, procuring the material and contracting out projects. With five years of experiences in water treatment plants at China Steel Corporation (CSC). Mr. Kuo is knowledgeable in wastewater treatment and circulating water systems operation. He completed his Master of Engineering at National Cheng Kung University, and his Bachelor of Engineering degree at National Cheng Kung University.



Ching-I Wang

Technician, Sinotech Engineering Services Ltd., Taiwan

Mr. Ching-Yi Wang has published research on the recycling technology and use evaluation of sludge in water treatment plants. Mr. Wang has also been involved in practical projects of water treatment project planning and design, pipeline system and sludge treatment scheming, as well as other environmental engineering operation management

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September 26 (Thursday) p.m.

R201F | The Recent Innovation of Resource Recovery from Wastewater



Zhaokang Wang
Director, METAWATER Co., Ltd., Japan

Mr. Zhaokang Wang is the Manager in the International Business Planning Department, METAWATER Co., Ltd. Prior to this position, Manager Wang has served in the International Business Planning Department and the International Business Division. He is also the Professional Engineer of Japan in the field of Water Supply & Sewerage.



Ryouichirou Watabiki
Director, Maezawa Industries Inc., Japan

Mr. Ryouichiro Watabiki is the director in the environmental R&D production department, Maezawa Industries Inc. Prior to this position, he has served as the general manager and manager in the Technology Development Center and the manager and section manager in the Sewerage Water Treatment System Planning Department. He had a Master's degree from the Graduate school of Civil Engineering, Kyushu University.



Yu-Jen Huang
Manager, Ever-Clear Environmental Engineering Corporation, Taiwan

Dr. Huang's main research field is in industrial wastewater treatment and advanced treatment process. He has been working in Ever-Clear for about 10 years, and the major work is in research and evaluation of innovative wastewater treatment technologies. Dr. Huang has been rewarded with several publication rewards and has been an invited speaker in universities, foreign water treatment conferences and forums.



Chung-Ching Lee
Deputy Director, Solar Applied Materials Technology Corporation, Taiwan

Dr. Lee is working on recycling of wastewater resources in optoelectronic industry. Prior to this position, Dr. Lee was the researcher in the Industrial Technology Research Institute. Dr. Lee graduated from the institute of chemistry, National Taiwan University in 2002. His specialty is in the field of inorganic chemistry, organometallic chemistry, recovery & refining of precious & rare metals.



Richard Yeh
Chairman, Hydroionic Technologies Inc., Taiwan

Mr. Yeh is the co-founder and Chairman of Hydroionic Technologies. He has directed the research, development and commercialization of the Company's proprietary hydrometallurgical wastewater treatment and heavy metal recycling process suite. With over 35 global patents, Mr. Yeh serves as a Director, and President, of Hydroionic's Taiwanese operating subsidiary, Hydroionic EnviroTec.

Daily Programme

Speakers

September 27 (Friday) p.m.

R201A | The Innovation on Water Networks



Masuko Atsushi

Former Director, Bureau of Waterworks, Tokyo Metropolitan Government, Japan

Mr. Masuko has been working in the tap water field for over 30 years. He was the director of the Bureau of Waterworks, Tokyo Metropolitan Government between 2011 and 13. From 2013 to 2019, he is the president of Tokyo Suido Services (TSS). Currently, he is the committee member of the National Comprehensive Development Plan, and the Japanese Representative of the UNESCO-IHP (International Hydrological Programme).



Jia-Rung Lee

Vice President, Taiwan Water Corporation

Mr. Lee is the Vice President of Taiwan Water Corporation with the experiences as Director at Department of Public Works and Deputy Director at Department of Water Supply. He is a qualified civil engineer both in Grade Three Grassroots Special Civil Service Examination and Senior Qualification Examination for Professional and Technical Personnel.



Jiin-Shyang Chen

Commissioner, Taipei Water Department, Taipei City Government, Taiwan

Mr. Chen's achievements in the water supply are much diversified both in hardware construction and water management (water price setting, smart water management and many other innovative fields). He promises to supply good and safe drinking water that possess the trusts from consumers, making Taipei a more livable and sustainable city than ever.



Jiin-Shyang Chen

Chunghwa Telecom Co., Ltd

Huang Tsai received the MA degree in Electrical Engineering from the National Taiwan University in 1994. The main researches are artificial intelligence internet of things (AIoT) platform technology, intelligent environments network system (iEN), smart city and other product developments.



POPO

President, Acer Being Communication, Taiwan

Mr. PO is the president of Acer Being Communication. He was the procurement head of Acer Computer, technical assistant of corporate CEO and product director of ITGO. He took his EMBA degree at National Chengchi University (NCCU) and MA degree of electrical engineering at National Taiwan University of Science and Technology (NTUST).



Shih-En Fan

Manager, Taiwan Secom Co., Ltd.

Mr. Fan has 31 years in Taiwan Secom Co., Ltd. Previously, he was the executive & section manager of Taipei Branch, manager of Taoyuan Branch, manager of Business Planning Room, director of Access Control Department, director of North District Business Department in Taiwan Secom Co., Ltd.

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September 27 (Friday) p.m.

R201B | Water Reclamation Facilities and Services in Taiwan: A Outlook



Yu-Jung Chang
Director, Advanced Water Treatment, AECOM, USA

Yu-Jung has 29 years of experiences in water/wastewater design, process optimization, troubleshooting, technology evaluation, and applied research for municipal and industrial clients. He has experiences in treating emerging contaminants. Director Chang currently serves as the Chair of American Water Works Association (AWWA) Membrane Process Committee, and he is a Full Affiliate Professor at the University of Washington.



Yang-Chung Pai
General Manager, Star Enprotech Corp., Taiwan

Yang-Chung Pai is one of the co-founders of Star Enprotech Corporation started in 1977. He has been in the environmental engineering businesses for more than 40 years with expertise in the fields of ion-exchange processing, anaerobic technology, wastewater recycling engineering, and cleanroom laundry technology. He also expands his water treatment plants and other related experiences to Southeast Asia and China.



Edward Chen
Executive Director, AECOM, Taiwan

Edward Chen, an environmental engineer with 30 years of experiences in river remediation, water and wastewater treatment projects. He is the executive director in the Water and Urban Development Department at AECOM, and has participated in many large-scale water treatment projects. Additionally, he has been actively engaged in reclaimed water projects in Taiwan over recent years.



Tsung-Ming Liao
General Manager, Forest Water Environmental Eng'g Co., Ltd., Taiwan

Mr. Liao has ample experiences in the field of environmental engineering for over thirty-three years. The national projects that he was involved in include the Nan-Zhi Sewerage System Project in Kaohsiung, Luo-Dong Sewerage system Project in Yilan, Guanyin Industrial Wastewater Treatment Plant Project, Yong-Kang Water Reclamation Plants in Tainan, and Wai-Pu Compost Plant Project in Taichung.



Ke-Chiang Hsieh
Associate Chief Engineer, CTCI Corporation, Taiwan

As the Associate Chief Engineer at CTCI Corporation, the biggest E&C Company in Taiwan, the main task for Mr. Hsieh is the execution of large-scale domestic or international environmental protection turnkey projects. He dedicates his overall career in CTCI Corporation and is involved in environmental engineering related services from feasibility studies, engineering planning and design, commissioning to turnkey project execution.

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September 27 (Friday) p.m.

R201E | Water Treatment and Circulation in New Era



Chia-Lung Chen

Deputy Director, Environmental & Water Technology Centre of Innovation (EWTCOI), Ngee Ann Polytechnic, Singapore

Dr. Chen is currently focusing on applied R&D and consultancy projects at EWTCOI. With 20 years' passion for biological and environmental sciences, he published more than 60 journal and conference papers in biotechnology, environmental microbiology and waste/wastewater treatment related areas.



Han-Lin Lin

Researcher, Material and Chemical Research Laboratories, Industrial Technology Research Institute, Taiwan

Han-Lin Lin is the researcher from the Industrial Technology Research Institute and China Steel Corporation. He is also a substitute teacher lecturing Bioreactor Design at the Department of Environmental Engineering, National Cheng Kung University.



Yun-Hsuan Huang

Researcher, Material and Chemical Research Laboratories, Industrial Technology Research Institute (ITRI), Taiwan

Doctor Huang is the present researcher of ITRI. She used to be the R&D assistant manager at Three Royal Chemical Industry Co. Ltd. In addition, she was an experienced postdoctoral research fellow at R&D Center for Membrane Technology, Chung Yuan Christian University (CYCU).



Chang-Yu Liao

Researcher, Material and Chemical Engineering Laboratories, Industrial Technology Research Institute, Taiwan

Dr. Liao is a researcher at Material and Chemical Engineering Laboratories in Industrial Technology Research Institute. Prior to this, he was a Project Engineer in AECOM, involving in water and urban development projects.

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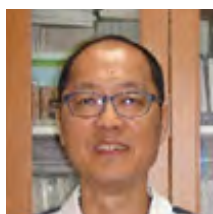
Speakers

September 27 (Friday) p.m.

R201E | Water Treatment and Circulation in New Era

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Water Treatment and Circulation in New Era Speakers



Yuan-Liang Tai

Researcher, Material and Chemical Research Laboratories, Industrial Technology Research Institute (ITRI), Taiwan

Daniel Tai has worked for over ten years in the consulting industry of civil engineering, water and wastewater treatment before he joined ITRI in 2010. He works in the area of wastewater reclamation with a special interest in membrane technology.



Wayne Lo

Senior Researcher, Material and Chemical Research Laboratories, Industrial Technology Research Institute, Taiwan

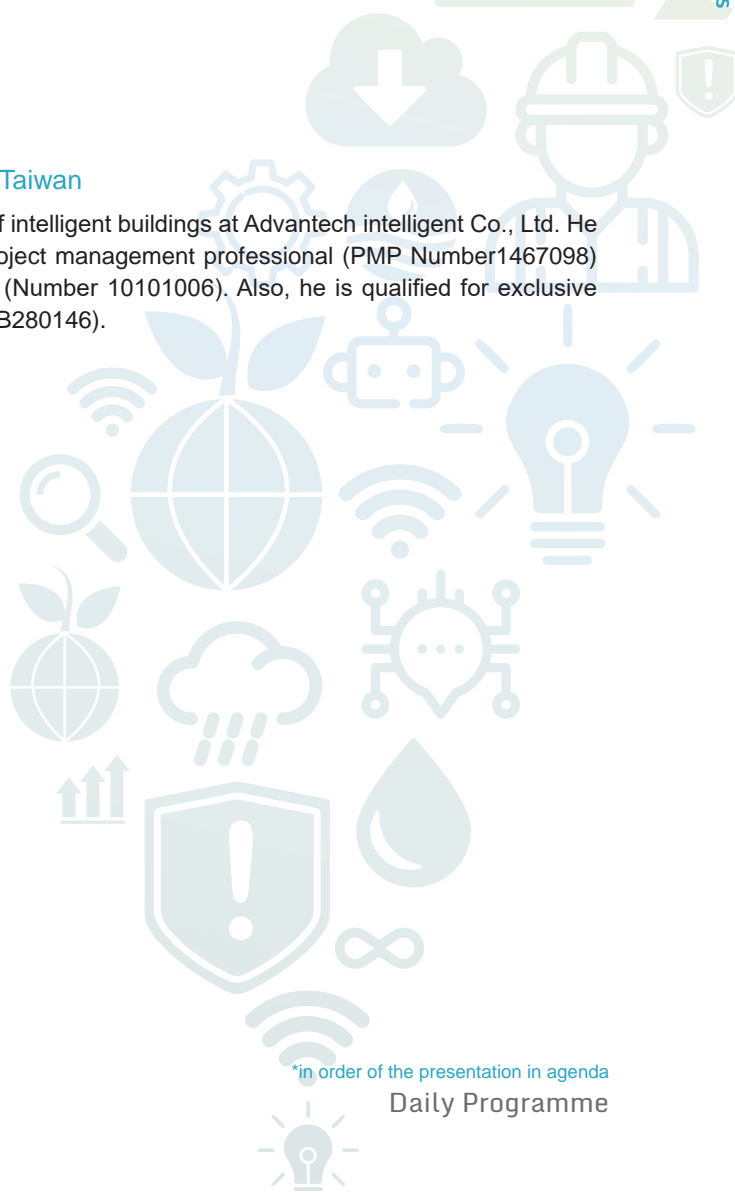
Dr. Lo worked as government staff, engineering consultant, scientific/engineering researcher in Canada and Taiwan. He is an adjunct assistant professor from National I-Lan University. He specializes in applying online sensing and real-time control to water and wastewater treatment.



Jacky Chang

Manager, Advantech Co., Ltd, Taiwan

Jacky Chang worked in the field of intelligent buildings at Advantech intelligent Co., Ltd. He is an entitled business Group/ project management professional (PMP Number1467098) and IGB Accredited Professional (Number 10101006). Also, he is qualified for exclusive wastewater treatment (Number GB280146).



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September 27 (Friday) p.m.

R201F | Opportunities and Challenges of Advanced Water Treatment Industrial of Taiwan in ASEAN Countries



Warit Jawjit

Dean, School of Public Health, Walailak University, Thailand

Professor Warit Jawjit is the dean of School of Public Health, Walailak University. Prior to this, Professor Jawjit was the dean of School of Allied Health Science and the lecturer in the Rajamangala University of Technology Srivijaya and Prince of Songkhla University. His research areas target to Industrial Ecology, Green Productivity, Pollution Prevention and Environmental Footprint.



Eddy Setiadi Soedjono

Dean, School of Public Health, Walailak University, Thailand

Professor Soedjono's research is mainly dealing with domestic wastewater. Working in this field for at least 15 years, Professor Soedjono develops both national and international collaborations for proper access to water and sanitation for low-income communities to meet the Sustainable Development Goals (SDGs).



Tseng-Hsian Lin

President, HT Green Co, Taiwan

Mr. Lin is an expert in water treatment, wastewater treatment technology, especially in Waterworks, Textile Dyeing & Finishing, Pulp & Paper Mills, Food Processing, Chemical Industry, and Leather Industry. He has conducted on-site investigations over 1,000 factories.



Chia-Hung Hou

Associate Professor, Graduate Institute of Environmental Engineering, National Taiwan University, Taiwan

Dr. Hou's research interests include the synthesis of multi-functional carbon-based materials, energy-efficient desalination technologies, and electrochemically-modulated selective separation of ions. He has published over 50 scientific papers. In 2018, he received a Da-You Wu Memorial Award from Ministry of Science and Technology (MOST), Taiwan.



Ching-Jung Chuang

Professor, Department of Chemical Engineering, Chung Yuan Christian University, Taiwan

Dr. Ching-Jung Chuang is the deputy director in the R&D Center for Membrane Technology. Professor Chuang's research interests include membrane science and engineering, electrokinetics enhanced membrane filtration, membrane distillation, membrane characterization and osmotic distillation.



Fung-Ching Lin

Chairman, King Membrane Energy Technology Inc., Taiwan

Dr. Fung-Ching Lin is the chairman of King Membrane Energy Technology Inc. Prior to this, he was the chairman of Yitongyuan Technology Inc. and Kingpro Mediatek Inc. Dr. Lin's works focus on polymeric membrane production, osmotic distillation, membrane filtration, disc factory management, bio-ethanol purification and recycling.

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September 27 (Friday) p.m.

North Lounge | Water Management in Smart City: Innovation and Implementation



Shih-Bin Lin

Division Chief, Public Works Department, Taipei City Government, Taiwan

Mr. Lin has received the Master degree of Science in Environment and Resource Management, Vrije University Amsterdam. He is the Deputy Chief Engineer of Hydraulic Engineering Office at Taipei City Government, and a registered Civil Engineer in Taiwan.



Yasuyuki Shimizu

Professor, Hokkaido University, Japan

Professor Shimizu has specializations on Hydraulics, River Engineering, and Sediment Transport. He is the membership in Professional Societies JSCE, Japan Society of Hydrology and Water Resources, JSFM, IAHR, ASCE, IAHR, and APD. Previous awards include the 4th M Selim Yalin Lifetime Achievement Award (IAHR) and Excellent Paper Award (ISRS2013).



André Strucker

Senior Advisor, Waternet, The Netherlands

At Waternet, André works on strategic issues and integrated solutions within the water cycle. Since 2012, he has also been managing the R&D program Waternet Climate Neutral in 2020 as well as the Corporate Social Responsibility Program since 2016. Together with the Port of Amsterdam and the waste to the energy company, AEB, he started Clean Capital to upgrade waste streams.



Tsang-Jung Chang

Professor, National Taiwan University Department of Bio-environmental Systems Engineering/ Hydrotech Research Institute, Taiwan

Prof. Chang is a professor with outstanding performance stipend at Dept. of Bioenvironmental Systems Engineering and Hydrotech Research Institute, NTU. His specialties are computational hydraulics, environmental fluid mechanics, flood and inundation modelling, flood risk analysis. He currently serves as the associate editor Of Journal of Energy Engineering, ASCE (SCI, IF=1.944) and the Editor-in-Chief of Journal of Taiwan Agricultural Engineering (EI).



Kuang-Chin Lu

Chief Researcher, Telecommunication Laboratories, Chunghwa Telecom Co., Ltd., Taiwan

Kuang-Chin Lu received the outstanding engineer award in 2014 from the Chinese Institute of Engineers. His researches are power electronics, grid-connected PV system, and intelligent control theories. He is project manager at the IoT laboratory, Chunghwa Telecom Co., Ltd. (CHTTL) to develop smart energy, smart street lights, and smart water management.

Daily Programme

Speakers

September 28 (Saturday) a.m.

R201A | Water for Human



Graham Duxbury
Chief Executive Officer, Groundwork, UK

Mr. Duxbury is the Chief Executive Officer of Groundwork UK, which is a leading NGO promoting community-led solutions to social, economic and environmental challenges in the UK. Graham has worked in numbers of national roles for the previous 15 years. His responsibilities have encompassed building national relationships and partnerships, generating income, developing national programmes and leading on policy and strategic communications.



Toyohiro Watanabe
Chief Executive Officer, Groundwork Mishima, Japan

Prof. Toyohiro "Jumbo" Watanabe is an environmental activist who facilitated the civic action with the co-organization of resident, NGO, government and enterprise to restore the polluted Genbe River and successfully made the firefly and Mishima-Baikamo come back to this habitat for living and reproduction.



Fei-Yu Kuo
Deputy Minister, National Development Council, Taiwan

Deputy Minister Kuo leads Taiwan's national spatial planning, sustainable development, climate change adaptation, offshore islands development, and major infrastructure projects. She is drafting national spatial conservation plan, supporting sustainable development policy guidelines, and completing the adaptation strategy to climate change in Taiwan, national strategic plan for regional revitalization.



Yang-Chien Chang
Chief Executive Officer, Delta Electronics Foundation, Taiwan

Mr. Yang-Chien Chang served as the member of 16th Sustainable Development Committee. Besides, on behalf of the Delta Electronic Culture and Education Foundation, CEO Chang has participated in the observation and interview of the UNFCCC Conference and its affiliated meeting nine times. CEO Chang is working on the issues about risk communication and framework research.



Mao-Cheng Wu
Chief Executive Officer, Taikang Branch, Tainan Community University, Taiwan

Mr. Wu has been a local reporter, community planner, environmental worker, an educator for Taikang Culture and college lecturer. He has dedicated to the community development, river environment education, watershed management, public participation and revolution action to cultivate the active citizen and initiate the Taikang Culture action.

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September 28 (Saturday) a.m.

R201B | Wonderful Life, Wonderful Water

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Wonderful Life, Wonderful Water Speakers



Oded Distel

Former Director, Israel NewTech & Ecosystems, Ministry of Economy and Industry, Israel

Oded Distel was the Founder and Director of "Israel NewTech". The pioneering program has spearheaded Israel's water and energy eco-system since 2007. Oded played a pivotal role in leading the program, and he is recognized both in Israel and internationally as the leading expert on Israel's water and energy industries.



Gal Zohar

Chief Executive Officer, IDE Technologies, Israel

Mr. Gal Zohar is the CEO of IDE Technologies since 2018, he in charge of global management of the company, including O&M of IDE plants worldwide, the concessionaires and water production and sales activities.



Tzu-Yuan Chou

Director of Experiential Marketing, Leoburnett, Taiwan

Mr. Chou is the Chief Experience Officer (CXO) of Leo Burnett Taiwan. He is well-known of his business insight, social trend, OMO communication, data innovation and marketing in Taiwanese creative industry. With Clients of McDonald's, Samsung, Diageo, Mercedes Benz, Lay's, Chunghwa Telecom and Electrolux, his company collaborates in sculpturing wonderful user brand experiences.



Chien-Hung Chen

General Manager, Elecclean, Taiwan

Chien-Hung Chen has obtained many awards, including the Outstanding Youth Engineer Award from Chinese Institute of Engineers, the Outstanding Contribution Award – a silver medal from Industrial technology research institute (ITRI). In 2016, Chien Hung, Chen created a startup company named ELECCLEAN Co., Ltd, which is a spin-off from ITRI.



Kuo-Chung Cheng

Chairman, Taiwan Yes Deep Ocean Water Co., Ltd., a member of Taiwan Fertilizer Group, Taiwan

Kuo-Chung Cheng is the first Presbyterian minister to engage in politics as a politician. He was the council member of Taiwan Provincial Consultative Council (10th), member of the Legislative Yuan (2002-2008), director of Department of Information and International Relations, Tainan, and director of Department of Civil Affairs, Tainan. Currently, he is the chairman of Taiwan Yes Deep Ocean Water Co., Ltd.



Chen-Shiuan Fan

General Manager, Powerpure Technology Co., Ltd., Taiwan

As the General Manager at Powerpure Technology Co., Ltd, Dr. Fan specializes in the CDI technology and offer customized CDI system sizing to reach client needs for Water Softening and Water Reclamation. Various services including design and production of CDI module. Device and system are provided at Powerpure Technology Co., Ltd.

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September 28 (Saturday) a.m.

R201C | Sponge City and Rainwater Harvesting in the Buildings



Kieran Williams
Environmental Monitoring Solutions, UK

Kieran is the Business Development Director for EMS responsible for improving the company market position. He has over 17 years' experiences in the UK water sector and is proven in the identification of sector needs and the development and integration of innovative solutions.



Chi-Ming Peng
General Manager, WeatherRisk Explore Inc., Taiwan

Dr. Peng obtained a PhD degree in atmospheric science and founded the first private weather company WeatherRisk in Taiwan. Dr. Peng is also a college professor, weather presenter, host and Taiwan or international open data and disaster prevention promoter. Additionally, he dedicated to promoting weather, climate change, environmental prevention, open data and disaster prevention topics.



Eric Hsu
President, Taiwan Institute of Landscape Architects, Taiwan

Eric served as the Adjunct Associate Professor at Chinese Culture University. He is also the president of the Taiwan Institute of Landscape Architects, the principal of the CNHW Planning & Design Consultants, Landscape General Consultant of Tainan, Keelung, New Taipei City, and the Committee of Taipei City Urban design and land Application Committee.



Vivian Chien
Public Affairs and Communication Director, Swire Coca-Cola, Taiwan

Ms. Chien currently serves as the Public Affairs and Communication Director in Swire Coca-Cola and with the company for 10 years. She is responsible for corporate social responsibility, external communication, and marketing PR for the Coca-Cola system in Taiwan.



Guan-Yu Lin
Chairman, Taipei Professional Hydraulic Engineer Association, Taiwan

As the Chairman of the Taipei Professional Hydraulic Engineer Association, Mr. Kuan-Yu Lin has abundant experiences in water engineering and sewage construction. Mr. Lin is an accredited hydraulic technician and has worked in several engineering consultant companies.



Chao-Hsien Liaw
Professor, National Taiwan Ocean University, Harbor and River Engineering Department, Taiwan

Professor Liaw's research focuses on water management, rainwater usage, and water environment economy. As the President of International Rainwater Catchment Systems Association (IRCSA), he specializes in urban flooding management, rain-harvesting, and green rainwater management. He is the President of International Rainwater Catchment Systems Association (IRCSA).

*in order of the presentation in agenda