



6th ASEM SEMINAR ON URBAN WATER MANAGEMENT

22-24 October, 2024

Changsha / Zhangjiajie Hunan, China

HANDBOOK



Guided by

Ministry of Foreign Affairs of the PRC
People's Government of Hunan Province

Sponsored by

Department of Science and Technology of Hunan Province
Asia-Europe Foundation (ASEF)
Foreign Affairs Office of People's Government of Hunan Province

Organized by

ASEM Water Resources Research and Development Center (ASEMWater)
People's Government of Zhangjiajie Municipality
Hungarian Water Partnership (HWP)

Partners

European Water Association (EWA), Eco-Innovation Cluster for Sustainable Environment of Romania (CLEMS)
Water4All, Water JPI, Wasser Hannover GmbH, Shiga Prefecture of Japan, Natural Resource and Environment Research Institute of Lao PDR (NRERI), Trilateral Cooperation Secretariat (TCS), The Association of North East Asia Regional Governments (NEAR)



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About the 6th ASEM Seminar on Urban Water Management

The ASEM Seminar on Urban Water Management, a significant international seminar organized by the ASEM Water Resources Research and Development Center (hereinafter referred to as “ASEMWater”), facilitates dialogue and cooperation between Asia and Europe in the sustainable use and management of water resources, serving as a vital link for discussing water resource integration and sustainable management.

Inaugurated in Changsha in 2014, the seminar is held biennially and has successfully convened five sessions to date. Its objective is to create an inclusive, influential platform for sustainable water management in the Asia-Europe region, providing member countries with opportunities to seek solutions, share outcomes, and exchange experiences.

The 6th ASEM Seminar on Urban Water Management will cover three sessions: Integrated Governance of Urban Water; Ecological and Environmental Governance of Rivers and Lakes; and Case Sharing of Technology Innovation Practice. The Seminar will be participated by 38 government officials, experts, business representatives, diplomats from embassies in China, and representatives of international organizations from 22 ASEM members.

This Seminar is scheduled to take place from 22-24 October, 2024, in Changsha and Zhangjiajie, Hunan Province, China. In conjunction with the Seminar, the 8th meeting of the ASEMWater Chinese Coordinating Committee, the 7th Meeting of the ASEMWater Academic and Development Committee, and the NEAR “Innovation+ Water Resources” Seminar Parallel Session will also be conducted.

6th ASEM SEMINAR ON URBAN WATER MANAGEMENT

Agenda

October 22, 2024 (Tuesday, Dolton International Hotel Changsha)

Time	Agenda	Venue
08:00-09:00	Seminar Registration	Entrance of B Hall, 5F
09:00-09:45	<p>Opening Ceremony</p> <p>Host: ZHU Wan</p> <p>Director General of Department of Science and Technology of Hunan Province</p> <ol style="list-style-type: none"> Opening remarks by ZHANG Lei, Deputy Executive Director of the Asia-Europe Foundation Opening remarks by Minister JIANG Duan, ASEM Senior Official for China Opening remarks by Károly Kovács, President of the Hungarian Water Partnership/ Honorary Member and Past-President of the European Water Association, Hungary Opening remarks by MIKAZUKI Taizo, Governor of Shiga Prefecture, Japan (delivered by Nobuhiko Miwa) Opening remarks by Jean-Yves ROUX, Consul-General of French Consulate General in Wuhan, France Opening remarks by LEE Hee-sup, Secretary General of Trilateral Cooperation Secretariat Opening remarks by CAO Zhiqiang, Vice Governor of People's Government of Hunan Province 	B Hall, 5F
09:45-10:00	Photo Session and Tea Break	

First Plenary Session (morning): Integrated Governance of Urban Water Environment

Host: Károly Kovács

Time	Agenda	Venue
<p>10:00–11:30 (15–20min/per)</p>	<p>1. <i>Digital Tools in Urban Water Management</i> —by Harsha Ratnaweera, Vice President of European Water Association/ Professor of Norwegian University of Life Sciences, Norway</p>	<p>B Hall, 5F</p>
	<p>2. <i>Strategies for Urban Flood Control Under Global Change</i> —by CHEN Ji, Secretary General of Asia Oceania Geosciences Society /Professor of The University of Hong Kong, China (Hong Kong)</p>	
	<p>3. <i>The EU Partnership Water4All and the Multistakeholder Approach to Achieve Sustainable Solutions in An Urban Water Context</i> —by Bjørn Kaare Jensen, Chairman of Water4All, Denmark</p>	
	<p>4. <i>Integrated Governance of Islamabad Water Resources and Supply Chain</i> —by Ghulam RASUL, Advisor of China–Pakistan Joint Research Center on Earth, Pakistan</p>	
	<p>5. <i>Bankable and Sustainable WASH Solutions – Having Integrated Approach and Life Cycle Aspect in the Focus</i> —by Károly Kovács, President of the Hungarian Water Partnership/ Honorary Member and Past-President of the European Water Association, Hungary</p>	
<p>11:30–12:00</p>	<p>Q&A</p>	

**First Plenary Session (afternoon):
Integrated Governance of Urban Water Environment**

Host: João Paulo Lobo-Ferreira

Time	Agenda	Venue
13:30–15:00 (15–20min/per)	<p><i>6. Concepts for Sustainability Assessment for Wastewater Management Options</i></p> <p>—by Markus Starkl, Senior Scientist of BOKU University, Austria</p>	B Hall, 5F
	<p><i>7. The Opportunity of Investment in Water Supply in Cambodia</i></p> <p>—by Minh Lim, Executive Director of Cambodian Water Supply Association, Cambodia</p>	
	<p><i>8. Global Level Groundwater Resources Storage and Protection</i></p> <p>—by João Paulo Lobo-Ferreira, Dr.-Ing. Counselor at the Portuguese National Water Council/ Emeritus Principal Research Officer at National Civil Engineering Laboratory, Portugal</p>	
	<p><i>9. Integrated Governance of Urban Water Environment in Vientiane Capital Lao PDR</i></p> <p>—by Soutvilay DOUANGPHACHAN, Technical Officer, Natural Resource and Environment Research Institute, Ministry Of Natural Resources and Environment, Lao PDR</p>	
15:00–15:15	Q&A	
15:15–15:30	Tea Break	

Second Plenary Session: Ecological and Environmental Governance of Rivers and Lakes

Host: Nicoleta Brisan

Time	Agenda	Venue
<p>15:30-17:00 (15-20min/per)</p>	<p>1. <i>Protecting and Restoring the Health of Our Ocean and Waters Through Research and Innovation, Citizen Engagement and Blue Investments. European Best Practice Model for EU Mission “Restore our Ocean and Waters” in Romania</i></p> <p>—by Nicoleta Brisan, President of Eco-Innovation Cluster for Sustainable Environment, Romania</p>	<p>B Hall, 5F</p>
	<p>2. <i>Embedding Water and Energy Sustainability Through Government Policy and Procedures – Case Study from Sydney</i></p> <p>—by Jaya Kandasamy, Associate Prof at the University of Technology Sydney, Australia</p>	
	<p>3. <i>Water Quality Management of Lakes – Practical Examples of Successful Projects</i></p> <p>—by Jens Meisel, General Manager of Water Hanover/ Institute for Applied Freshwater Ecology Corp., Germany</p>	
	<p>4. <i>ASEAN Cooperation on Water Resources Management</i></p> <p>—by Vong Sok, Head of Environment Division of ASEAN Secretariat, Cambodia</p>	
	<p>5. <i>Integrated Water and Environment Management: Example of the Rhône River (France)</i></p> <p>—by Franck PRESSIAT, Head of the Environment Department of Engineering Department-Maintenance-Projects (DIMP) of National Rhone Company, France</p>	
<p>17:00-17:30</p>	<p>Q&A</p>	

October 23, 2024 (Wednesday, Zhangjiajie Country Garden Phoenix Hotel)

**Third Plenary Session:
NEAR “Innovation+ Water Resources” Seminar Parallel Session
- Case Sharing of Technology Innovation Practice**

Host: MAO Dehua

Time	Agenda	Venue
15:00-16:30 (15-20min/per)	<p>1. <i>Quantitative Method System of Horizontal Water Ecological Compensation in Watershed and Its Application: A Case Study of Xiangjiang River Basin</i></p> <p>—by MAO Dehua, Professor of the School of Geographical Sciences, Hunan Normal University, China</p>	Grand Canyon Meeting Room, -1F
	<p>2. <i>Our Comprehensive Conservation Initiatives for Lake Biwa - Lessons Learned from the Mother Lake in Japan</i></p> <p>—by Nobuhiko Miwa, Senior Advisor of Lake Biwa Policy and MLGs Promotion of Shiga Prefecture of Japan</p>	
	<p>3. <i>Efficient Sewage Management in Urban Areas and its Commercialization by Developing Gyeongju City’s Home-Grown Sewerage Technology</i></p> <p>—by Lee Kwang Hee, Deputy Director of Gyeongju City Clean Water Office of Clean Water Management Division, Republic of Korea</p>	
	<p>4. <i>“Blue Ribbon” Protecting Water Resources and River Basins in Khovd Province</i></p> <p>—by BATJARGAL DAVAASUREN, Director of the Black Lake-Khovd River Basin Management Bureau of Khovd Province, Mongolia</p>	
	<p>5. <i>Multi-objective Optimization of Pumps and Gates at Coastal Cities</i></p> <p>—by XU Min, General Manager of the Hunan Oriental Water Valley Environmental Science & Technology Co., Ltd, China</p>	
16:30-17:00	Q&A	
17:00	Closing Ceremony	

6th ASEM SEMINAR ON URBAN WATER MANAGEMENT

Guest List (Partial)

Chinese Guests

No.	Name	Organization	Title
1	CAO Zhiqiang	People's Government of Hunan Province	Vice Governor
2	JIANG Duan	Ministry of Foreign Affairs of the PRC	ASEM Senior Official for China / Minister of the Department of International Organizations and Conferences
3	LI Mo	Ministry of Foreign Affairs of the PRC	Senior Staff Member (Level IV) of the Department of International Organizations and Conferences
4	YOU Jiayu	Ministry of Science and Technology of the PRC	Senior Staff Member (Level II) of the Department of International Cooperation
5	ZHANG Yani	Ministry of Ecology and Environment of the PRC	Official of Department of Science, Technology and Finance
6	GAO Yaqi	Ministry of Water Resources of the PRC	Inspector (Level III) of Department of International Cooperation, Science and Technology
7	LI Haitao	China Institute of Geo-Environment Monitoring	Director, Division of Hydrogeological Survey (Centre of Groundwater Modeling)
8	SUN Xinzhang	The Administrative Centre for China's Agenda 21 (ACCA21)	Deputy Director of Strategic Research and Regional Development Division
9	CHEN Zhuoyi	People's Government of Hunan Province	Deputy Director General of the General Office
10	ZHU Wan	Department of Science and Technology of Hunan Province	Director General
11	QIU Aihua	Foreign Affairs Office of People's Government of Hunan Province	Inspector (Level I)

No.	Name	Organization	Title
12	LI Yuanzhuo	Department of Natural Resources of Hunan Province	Inspector (Level II)
13	ZHOU Bin	Department of Science and Technology of Hunan Province	Member of Party Leadership Group / Deputy Director General
14	LI Yuping	Department of Forestry of Hunan Province	Chief Engineer
15	LUO Changjun	Hunan Communist Youth League Committee / Hunan Normal University	Deputy Secretary / Director of the Party Committee Office
16	XU Guian	People's Government of Hunan Province	Director of the Second Secretary Division of the General Office
17	LUO Yibo	People's Government of Hunan Province	Deputy Director of the Second Secretary Division of the General Office
18	ZHOU Jing	Foreign Affairs Office of People's Government of Hunan Province	Inspector (Level III) of Europe Affairs Office
19	CHEN Shang	Department of Science and Technology of Hunan Province	Office Director
20	LIU Jianyuan	Department of Science and Technology of Hunan Province	Director of Science and Technology Cooperation Division
21	LIU Shuailan	Department of Science and Technology of Hunan Province	Inspector (Level IV) of Science and Technology Cooperation Division
22	WANG Jian	Department of Finance of Hunan Province	Deputy Director of the Science and Education Division
23	ZHOU Tianxian	Department of Ecology and Environment of Hunan Province	Inspector (Level IV) of Water Ecological Environment Division
24	HUANG Bofan	Department of Housing and Urban-Rural Development of Hunan Province	Official of Urban Construction Division
25	ZHAO Hengliang	Water Resources Center of Department of Water Resources of Hunan Province	Deputy Director
26	TANG Jun	Chenzhou Sustainable Development Promotion Center	Deputy Division Director
27	LIU Juan	Chenzhou Sustainable Development Promotion Center	Deputy Section Chief

No.	Name	Organization	Title
28	WANG Haiying	Central South University	Professor
29	MAO Dehua	Hunan Normal University	Professor
30	LI Jiao	Hunan Normal University	Associate Professor
31	ZHOU Chengyun	Hunan University	Associate Professor
32	HUANG Wenqing	Changsha Green Hunan Development Center	Associate Professor
33	HE Xi	Changsha Green Hunan Development Center	Senior Project Manager
34	WANG Danyun	Changsha Green Hunan Development Center	Consultant
35	HU Xiao	Hunan Association of Environmental Pollution Control Industry	Vice President
36	CHEN Qin	Hunan Association of Environmental Pollution Control Industry	Executive President
37	XU Min	Hunan Oriental Water Valley Environmental Science & Technology	General Manager
38	WANG Run	Wasser Hannover GmbH	Deputy General Manager
39	ZHU Limin	Wasser Hannover GmbH	Project Manager/Senior Engineer
40	ZHU Chunyou	Hunan Aerospace Kaitian Water Services	Deputy Director of Design Institute
41	LUO Wenlian	Hunan Xinjiufang Technology	Vice Chairman
42	HUANG Jian	Hunan Modern Environmental Technology	General Manager
43	XIE Huaming	Hunan Modern Environmental Technology	Director

No.	Name	Organization	Title
44	LIU Yan	Hunan Modern Environmental Technology	Director
45	JIANG Xiaomei	Hunan Pilot Yanghu Reclaimed Water	Technical Supervisor
46	WANG He	Zhuzhou Southern Valve	Party Secretary / Office Director
47	ZHU Xingchi	Zhuzhou Southern Valve	Staff
48	LI Wenjiao	Hunan Yijing Environmental Protection Technology	Deputy General Manager
49	DUAN Yanjun	Hunan Yijing Environmental Protection Technology	Board Secretary / Brand Manager
50	YE Sheng	Hunan Huahong Electric Technology Development	General Manager
51	WANG Xuedong	Hunan Zhongyu Water Environment Technology	Chairman
52	XIAO Jie	Lihe Technology (Hunan)	Director of the Overseas Business Department Office
53	ZHANG Tao	China Testing& Certification international group	Chairman
54	LIAO Mingxing	China Testing& Certification international group	Deputy General Manager
55	ZHANG Renchuan	Hunan Zhongke Xingtu Information Technology	Project Manager
56	TONG Shiqi	Hunan Makers Association	Secretary General
57	XIONG Zhijun	China Comservice Transfar Technology	Director of the Foreign Cooperation Department
58	ZHOU Zhiguang	Secretariat of ASEM Water Resources Research and Development Center	Director
59	ZHANG Rui	Secretariat of ASEM Water Resources Research and Development Center	Deputy Director

Foreign Guests		
No.	Name	Title
1	ZHANG Lei	Deputy Executive Director of the Asia-Europe Foundation
2	Károly Kovács	President of the Hungarian Water Partnership/ Honorary Member and Past-President of the European Water Association
3	MIKAZUKI Taizo	Governor of Shiga Prefecture, Japan
4	Jean-Yves ROUX	Consul-General of French Consulate General in Wuhan
5	LEE Hee-sup	Secretary General of Trilateral Cooperation Secretariat, Korea
6	Harsha Ratnaweera	Vice President of European Water Association / Professor of Norwegian University of Life Sciences, Norway
7	CHEN Ji	Secretary General of Asia Oceania Geosciences Society / Professor of The University of Hong Kong, China (Hong Kong)
8	Bjørn Kaare Jensen	Chairman of Water4All, Denmark
9	Ghulam RASUL	Advisor of China-Pakistan Joint Research Center on Earth, Pakistan
10	Markus Starkl	Senior Scientist of BOKU University, Austria
11	Minh Lim	Executive Director of Cambodian Water Supply Association, Cambodia
12	João Paulo Lobo-Ferreira	Dr.-Ing. Counselor at the Portuguese National Water Council / Emeritus Principal Research Officer at National Civil Engineering Laboratory, Portugal

No.	Name	Title
13	Soutvilay DOUANGPHACHAN	Technical Officer, Natural Resources and Environment Research Institute, Ministry Of Natural Resources and Environment, Lao PDR
14	Nicoleta Brisani	President of Eco-Innovation Cluster for Sustainable Environment, Romania
15	Jaya Kandasamy	Associate Prof at the University of Technology Sydney, Australia
16	Jens Meisel	General Manager of Water Hanover / Institute for Applied Freshwater Ecology Corp., Germany
17	Vong Sok	Head of Environment Division of ASEAN Secretariat
18	Franck PRESSIAT	Head of the Environment Department of Engineering Department-Maintenance-Projects (DIMP) of National Rhone Company, France
19	Nobuhiko Miwa	Senior Advisor of Lake Biwa Policy and MLGs Promotion of Shiga Prefecture of Japan
20	Lee Kwang Hee	Deputy Director of Gyeongju City Clean Water Office of Clean Water Management Division, Korea
21	BATJARGAL DAVAASUREN	Director of the Black Lake-Khovd River Basin Management Bureau of Khovd Province, Mongolia
22	Czégel Bálint	Consul General of Hungarian Consulate General in Chongqing
23	Maxime FERAILLE	Maxime FERAILLE, Science and Education Attaché of the Consulate General of France in Wuhan
24	Gabirelle MICHEL	Science and Education Program Officer of the Consulate General of France in Wuhan
25	LI Shanshan	Scientific Research Program Officer of the Consulate General of France in Wuhan

No.	Name	Title
26	FEI Fan	Translator, Consulate General of France in Wuhan
27	Ninghu Su	Adjunct Professor of James Cook University, Australia
28	Pg Akmal Fakhri bin Pg Hj Kamaludin	Superintendent, Public Work Department, Brunei Darussalam
29	Abdul Wakkil bin Haji Awang Roni	Engineer, Department of Water Services, Public Work Department, Brunei Darussalam
30	ZHANG Ningfeng	Doctoral researcher, Aalto University, Finland
31	Antonio LO PORTO	International Relations, EU Partnership WATER4ALL, Italy
32	NISHIMURA FUMIHIKO	Head of Shiga (Japan) Representative Office in Hunan
33	XIE Jun	Deputy Head of Shiga (Japan) Representative Office in Hunan
34	WANG Entong	Project Specialist, Economic Affairs Division, Trilateral Cooperation Secretariat, Korea
35	ZOL-OD Enkhbaatar	Head of Khyargas Lake Zavkhan River Basin Administration, Uliastai City, Zavkhan Province, Mongolia
36	Radu MĂNARCĂ	Engineer, SC ICPE BISTRITA SA, Romania
37	Sorin ULINICI	Project Manager – Water Treatment Plants / DR. ING., SC ICPE BISTRITA SA, Romania
38	Grigore VLAD	General Manager/DR. ING., SC ICPE BISTRITA SA, Romania

Reminders

Guidelines

1. Please strictly adhere to the laws and regulations of the People's Republic of China.
2. Participants must not express political opinions or make derogatory remarks, spread rumors, or defame other countries, organizations, or individuals, as well as make controversial statements.
3. Ensure personal safety and the security of your belongings. If you require assistance, please contact the organizing committee.
4. Dress according to the meeting's requirements and present your identification for timely attendance.
5. Please turn off or silence your phone to maintain order in the venue during the meeting.

Hotel Information

Dolton International Hotel Changsha

Tel: 0731-84168888

Location: No. 159 Shaoshan North ROAD, Furong District, Changsha

Dining Information

Time	Location	Note
19:00-20:00, 21 Oct, Dinner	C2D Hall, 5F, Dolton International Hotel Changsha	Welcome Banquet
06:30-10:00, 22 Oct, Breakfast	Cafeteria, 1F, Dolton International Hotel Changsha	Buffet
12:00-13:30, 22 Oct, Lunch	Cafeteria, 1F, Dolton International Hotel Changsha	Buffet
18:00-19:20, 22 Oct, Dinner	Bi Yuntian Booth, 4F, Dolton International Hotel Changsha	Round table
06:30-10:00, 23 Oct, Breakfast	Cafeteria, 1F, Dolton International Hotel Changsha	Buffet

Weather Forecast

Date	Changsha	Zhangjiajie
21 Oct.	sunny/overcast, 9°C-14°C	
22 Oct.	overcast, 11°C-23°C	
23 Oct.	overcast/cloudy, 17°C-27°C	overcast, 10°C-23°C
24 Oct.	cloudy/overcast, 17°C-30°C	sunny, 10°C-24°C

Contact Person

Liu Yujie: +86 18774096946; Xiang Zhuo: +86 13308401512; Huang Qiuyan: +86 18216169035

Guest Speakers



Harsha Ratnaweera (Norway)

Vice President of European Water Association
Professor of Norwegian University of Life Sciences

Dr. Harsha Ratnaweera is the Vice President of the European Water Association (EWA) and a Board Director of the International Water Association (IWA). A Distinguished Fellow of IWA, he is also a Fellow of the European Academy of Sciences and the Norwegian Academy of Technological Sciences. Since 2012, he has been a Professor at the Norwegian University of Life Sciences (NMBU). Previously, he spent 20 years at the Norwegian Institute for Water Research (NIVA). Dr. Ratnaweera's research focuses on water and wastewater processes, with recent emphasis on digitalization and the circular economy. He leads the global Water Harmony network, collaborating with over 100 universities worldwide.



CHEN Ji

China (Hong Kong)

Secretary-General of Asia-Oceania Geosciences Society

Professor of The University of Hong Kong

Chen Ji is a Professor of Civil Engineering at The University of Hong Kong (HKU) since May 2020, specializing in AI-based rainfall and flood nowcasting, water resources, and climate change. He earned his Ph.D. from the University of Illinois at Urbana-Champaign and previously held positions at Scripps Institution of Oceanography and HKU. Ji has supervised 17 PhD graduates and received numerous awards, including the Outstanding Research Student Supervisor Award at HKU. He is active in professional societies such as AGU, ASCE, and AOGS, and has led significant research projects funded by various organizations.



Bjørn Kaare Jensen (Denmark)

Chairman of Water4All

Bjørn Kaare Jensen (BKJ) is a distinguished water specialist and senior executive with nearly 40 years of experience in water and environmental management, environmental biotechnology, and climate change mitigation. He has held leadership roles in both public and private sectors globally, overseeing numerous international water projects across Europe and over 30 countries worldwide. BKJ has been instrumental in 7 EU-funded research projects and authored 65 publications, including 34 in esteemed international scientific journals and books. Recognized for his contributions, he received the Poul Harremöes in Memoriam Award in 2013 and was appointed Knight of the Order of Dannebrog by the Danish Queen in 2021 for his significant international achievements in the water sector.



Ghulam RASUL

(Pakistan)

Advisor of China-Pakistan Joint Research Center on Earth Sciences
Former Director General of Pakistan Meteorological Department

Ghulam Rasul is a climate scientist with a Ph.D. in Climate Science and extensive experience in climate modeling, disaster risk reduction, and environmental policy. He has served in various leadership roles, including Head of Climate Change Program at IUCN Pakistan and Regional Program Manager at ICIMOD. His work has focused on climate resilience, water resource management, and early warning systems in South Asia. He has contributed to over 100 research papers and several books, with a notable emphasis on climate-induced hazards and sustainable development.



Károly Kovács (Hungary)

President of Hungarian Water Partnership
Past President and Honorary Member of the European
Water Association

Dr. Károly Kovács, PhD, is a renowned expert in sustainable water infrastructure. He has held leadership roles including president and honorary member of the European Water Association (EWA), chairman of its economics working group, and member of various EU-level water organizations. Kovács is also part of the African Water and Sanitation Association's Strategic Council and the European Commission's Platform on Sustainable Finance. He advocates for the EU Blue Deal and watersmart strategies, drawing on his expertise in drinking water and wastewater treatment. His career spans roles such as CEO of Pureco Group, with contributions to over 20 countries. Kovács is a prolific lecturer and author, and has received multiple awards including the Gold Cross of Merit of Hungary. He holds degrees from St. Petersburg State University and Corvinus University of Budapest.



Markus Starkl (Austria)

Senior Scientist of BOKU University

Dr. Markus Starkl is a seasoned expert in sustainability assessment and wastewater management with over 20 years of experience. He holds a degree in Water Management, Environmental, and Engineering Sciences from the University of Natural Resources and Life Sciences, Vienna. Dr. Starkl has served as project manager and coordinator at BOKU University, leading projects for the Austrian Ministry of Agriculture and the European Commission. He co-chairs the Specialist Group of Sanitation and Water Management in Developing Countries at the International Water Association and represents the Austrian Standards Institute in ISO committees. Dr. Starkl has received prestigious awards, including the IWA Sustainability Prize and the Raiffeisen Science and Innovation Award.



MINH LIM **(Cambodia)**

**Executive Director of Cambodian Water
Supply Association**

Mr. Minh Lim is an Executive Director for Cambodian Water Supply Association (CWA). Previously he has worked for Aide et Action (AEA) as a Program Coordinator to coordinate and manage the sub-grantees and partners. Minh worked for GIZ-Regional Fit for School as Advisor and worked for Save the Children Australia (SCA) as a Program Coordinator. He has worked for over 20 years in a variety of roles. He holds a Master's Degree in Rural Development and Project Management, a High School Teaching Diploma in Mathematics, and a Bachelor's Degree in Mathematics from Phnom Penh Royal University.



João Paulo Lobo Ferreira **(Portugal)**

Dr.-Ing. Counselor at the Portuguese National Water Council
Emeritus Principal Research Officer at National Civil
Engineering Laboratory

Dr. João Paulo Lobo Ferreira, born in Mozambique in 1952, holds a PhD in Civil Engineering from the Technical University of Berlin (1986). He has had an extensive career at the National Civil Engineering Laboratory (LNEC) in Portugal, where he served as International Relations Coordinator (2013–2022) and Groundwater Division Coordinator (1990–2013). Dr. Ferreira has led over 25 national and international water resources projects and contributed to numerous water management plans. He has authored over 300 publications, received several awards, and developed key models like BALSEQ and the GALDIT index for groundwater Research.



Soutvilay Douangphachan (Lao PDR)

**Technical Officer of Natural Resource and
Environment Research Institute**

Soutvilay Douangphachan, born in 1984, is a technical officer at the Natural Resource and Environment Research Institute (NRERI) in Laos. He holds a Bachelor's degree in Geography from the National University of Laos and specializes in GIS and remote sensing. His work includes monitoring natural resources, land use mapping, and hydrological modeling. He has collaborated with organizations such as the Mekong River Commission (MRC) and Japan Aerospace Exploration Agency (JAXA). With extensive training in satellite technology, forest monitoring, and flood risk assessment, he is proficient in software like ArcGIS, QGIS, and SWAT.



Nicoleta BRIŞAN (Romania)

**Dr. eng., Vice-Dean of Environmental Science and
Engineering Faculty**

Nicoleta-Sanda Brişan, PhD, is an Associate Professor and Vice-Dean at Babeş-Bolyai University's Faculty of Environmental Science and Engineering. She specializes in geodynamics, natural hazards, and environmental science. With a strong background in research and numerous publications, she has coordinated and participated in various national and international projects, focusing on topics such as radon exposure, disaster risk reduction, and environmental management. Dr. Brişan is also active in science communication and educational programs, enhancing awareness of environmental issues and natural disasters among students and the public.



Jaya Kandasamy (Australia)

Associate Professor, School of Civil and Environmental Engineering,
Faculty of Engineering, University of Technology Sydney

Jaya works at UTS as Associate Professor in the Faculty of Engineering and IT. He previously served as the Director of the Graduate Research Program at the Faculty of Engineering and IT. His research interest is in the areas of water, wastewater and stormwater treatment and reuse and floodplain management. He has published extensively with over 200 peer reviewed journal papers and research grants from the Australian Research Council and Australian Government Center of Excellences. Previously he has worked in the NSW Government, Australia as a water engineering technical specialist for 14 years in support of the government's Floodplain Management Program. He currently serves as Member of New South Wales State Flood Mitigation Assessment Committee which awards funding to local government councils to conduct flood mitigation projects within their jurisdiction.



Jens Meisel (Germany)

**General Manager of Water Hanover
Institute for Applied Freshwater Ecology Corp.**

Jens Meisel, born on September 26, 1964, in Greiz, is a highly experienced geographer with over 33 years in the field. He holds a diploma in geography from Martin Luther University Halle-Wittenberg and Humboldt University of Berlin. Since 1994, he has been the general manager at the Institute for Applied Freshwater Ecology GmbH. His expertise spans ecological assessments, project management, and public relations, focusing on EU WFD and NATURA 2000 directives. He has managed numerous projects, including international collaborations, and led departments specializing in chemical and biological laboratory work, water quality assessment, and nature conservation.



DR. VONG SOK **(Cambodia)**

**Head of Environment Division / Assistant Director
Sustainable Development Directorate**

ASEAN Socio-Cultural Community Department ASEAN Secretariat

Dr. Vong Sok is the Head of the Environment Division and Assistant Director of the Sustainable Development Directorate at the ASEAN Secretariat. With over 20 years of experience in environmental compliance and governance, he specializes in climate change, forestry, biodiversity, watershed, wetlands, and land use planning. Dr. Sok holds a Bachelor's Degree in Forestry from Cambodia, a Master's in Environmental Science and Management from Belgium, and a PhD in impact assessment and climate change from the University of Western Australia. He has worked extensively with government agencies, international organizations, and communities in Southeast Asia.



PRESSIAT Franck

(France)

**Environment Expert (Head of Environment Dpt) of
Compagnie Nationale du Rhône (CNR)**

Franck Pressiat is a senior environmental expert and project manager with over 30 years of experience, primarily at CNR. He holds a Master's degree in Environmental Engineering and Eco-development from the University of Lyon. His expertise spans river engineering, biodiversity, ecological restoration, and hydropower projects. He has led numerous environmental assessments, hydropower plant projects, and river restoration efforts across France and internationally, including Vietnam, Senegal, and China. Pressiat is a founding member of the Vigilife Alliance and has contributed to various publications on biodiversity and environmental monitoring, particularly using eDNA technologies.



MAO Dehua **(China)**

**Professor School of Geographical Sciences,
Hunan Normal University**

MAO Dehua, PhD, is a professor of Geography and director at Hunan Normal University. He specializes in hydrology, water resources, and environmental protection. Mao has completed over 70 national and provincial projects, published nearly 200 papers, and authored multiple books. His contributions have earned him numerous awards, including provincial and ministerial prizes and over 10 honorary titles, such as the Famous Teacher Award. He has also held prestigious positions, including a Senior Visiting Scholar at the Chinese Academy of Sciences and a visiting researcher in Japan.



Miwa Nobuhiko (Japan)

Senior Advisor, Shiga Prefecture

Miwa Nobuhiko graduated with a degree in Chemical Engineering from Osaka Prefecture University in 1987. Since then, he has worked for the Shiga Prefecture Government, focusing on environmental management, particularly concerning Lake Biwa. His roles include Assistant Section Chief of Water Quality Management (1997), Associate Director of the Lake Biwa Policy Division (2012), Director of the Kohoku Environmental Office (2014), and Senior Technical Director in charge of Lake Biwa's conservation and restoration (2019). In 2022, he became Director General, and by 2024, he serves as Senior Advisor, overseeing Lake Biwa policy and MLGs promotion.



Lee Kwang Hee **(Republic of Korea)**

**Deputy Director of Gyeongju City Clean Water Office,
Clean Water Management Division of Gyeongsangbuk-do province,
Gyeongju-city**

Lee Kwang Hee, born in 1972, currently serves as the Head of the Water Quality Research Group at the Ecological-Water Center of Clean Water Office, Gyeongju City. He has been serving as a civil servant in Gyeongju City since 1995. Lee holds a Master's degree in Engineering from Yeungnam University and a Ph.D. in Engineering from the University of Seoul. He has obtained several patents in water quality management and wastewater treatment, with significant contributions to efficient nitrogen and phosphorus removal in from wastewater and advancements in water treatment technologies. He has received numerous awards, including the Prime Minister Award and the Minister of Environment Award, and has published extensively on water treatment technologies at home and abroad.



BATJARGAL DAVAASUREN **(Mongolia)**

**Director of the Khovd Lake-Khovd River Basin Administration at
the Mongolian Ministry of Environment and Climate Change**

Batjargal Davaasuren is the Director of the Khovd Lake-Khovd River Basin Administration at the Mongolian Ministry of Environment and Climate Change. She holds a Bachelor's degree in Law from Khovd University (2009). Her career includes serving as a legal expert at the Mayor's Office of Jargalant City, Khovd Province (2011-2021) and as a monitoring and evaluation expert at the Governor's Office of Khovd Province (2021-2023). Currently, she is responsible for managing water resources and basin conservation efforts in Khovd.



XU Min **(China)**

**General Manager of the Hunan Oriental Water Valley
Environmental Science & Technology Co., Ltd.**

XU Min, General Manager of the Hunan Oriental Water Valley Environmental Science & Technology Co., Ltd. He earned his Ph.D. in Water Management from Delft University of Technology in the Netherlands. His research and consulting expertise includes hydrology, hydrodynamics, water quality modeling, hydraulic engineering control, water resource allocation, and system integration. Xu worked for ten years as a Senior Researcher at Deltares in the Netherlands, leading and participating in over 20 significant water management projects in countries such as the Netherlands, the United States, Switzerland, India, Thailand, and China. He has published more than 20 international academic papers and developed an integrated software suite for hydrology, hydrodynamics, and water quality simulation and control. Currently, he is drafting an industry standard titled “Early Warning and Integrated Scheduling Systems for Urban Flooding” for the Ministry of Housing and Urban-Rural Development.

About ASEM and ASEF

ASEM

The Asia-Europe Meeting (ASEM), established in 1996, is a key interregional forum between Asia and Europe, aimed at enhancing understanding, strengthening mutual trust, and promoting the development of a new, comprehensive partnership through political dialogue, economic cooperation, and socio-cultural exchange.

On March 1-2, 1996, the 1st Asia-Europe Meeting Summit (ASEM1) was held in Bangkok, Thailand, with leaders from 25 countries across Asia and Europe, as well as the European Commission, in attendance. The Asian participants included Thailand, Malaysia, the Philippines, Indonesia, Brunei, Singapore, Vietnam, China, Japan, and South Korea. The European delegation consisted of the then 15 EU member states: Italy, Germany, France, the Netherlands, Belgium, Luxembourg, Denmark, Ireland, the United Kingdom, Greece, Spain, Portugal, Austria, Finland, and Sweden, along with the European Commission. The main agenda items included the significance of ASEM, Asia-Europe cooperation in political, economic, and cultural spheres, and follow-up actions. The summit concluded with the adoption of the “Chairman’s Statement” and the agreement to hold the summit biennially.

At the 5th Asia-Europe Meeting Summit (ASEM5) in October 2004 in Hanoi, Cambodia, Laos, Myanmar, and 10 new EU members (Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia, Slovenia) joined, marking ASEM’s first expansion. In September 2006, at the 6th Asia-Europe Meeting Summit (ASEM6) in Helsinki, Finland, members including Mongolia, India, Pakistan, the ASEAN Secretariat, Bulgaria, and Romania were added, increasing the membership to 45. In October 2010, the 8th Asia-Europe Meeting Summit (ASEM8) in Brussels welcomed Russia, Australia, and New Zealand, bringing the total to 48 members. In November 2012, at the 9th Asia-Europe Meeting Summit (ASEM9) in Vientiane, Bangladesh, Switzerland, and Norway joined, raising the membership to 51. At the 10th Asia-Europe Meeting Summit (ASEM10) in October 2014 in Milan, Croatia and Kazakhstan became members, bringing the total to 53.

ASEM Website: <https://www.aseminfoboard.org/>

ASEF

The Asia-Europe Foundation (ASEF), established in 1997, is the only permanent institution within the ASEM framework. Its mission is to enhance mutual understanding between Asia and Europe through academic, cultural, and people-to-people exchanges. ASEF is primarily funded by voluntary contributions from ASEM members. Headquartered in Singapore, it is led by an Executive Director, who serves a four-year term, with leadership alternating between representatives from Asia and Europe. Each year, ASEF runs an average of 25 programs, engaging over 3,000 participants, serving as a key platform for fostering closer ties between the two regions.

ASEF Website: <https://www.asef.org/>

About ASEMWater

In October 2010, then-Premier Wen Jiabao of the People's Republic of China proposed at the 8th ASEM (Asia-Europe Meeting) Summit (ASEM 8) to establish ASEM Water Resources Research and Development Center (hereinafter referred to as "ASEMWater") in China, with a view to promoting sustainable development in Asia and Europe through S&T collaboration and capacity improvement in water resources management. This proposal was welcomed by ASEM members and included in the Chairman's Statement of the Summit.

To implement this initiative, in August 2011, the Ministry of Science and Technology, the Ministry of Foreign Affairs, and the People's Government of Hunan Province jointly established ASEMWater. As a key member of the ASEM family, ASEMWater became the first scientific cooperation organization headquartered in China under the ASEM framework and operates as a public, non-profit international cooperation institution.

In November 2012, at the 9th ASEM Summit in Laos, Premier Wen Jiabao further proposed the establishment of the Asia-Europe water resources sci-tech innovation cooperation network to strengthen exchanges and cooperation in water management for the benefit of economic and social development in Asia and Europe. This initiative was explicitly supported in the Chairman's Statement, which endorsed the 2011 establishment of ASEMWater in Hunan, China.

In September 2014, ASEMWater was officially established to primarily undertake the Secretariat's work. ASEMWater focuses on water resource research and development, aiming to establish an effective operational mechanism, cultivate a high-quality team, and create a strong platform. It seeks to evolve into a hub for technical research, policy and technical consulting, training and exchanges, product development and testing, and the promotion of research outcomes in the Asia-Europe region. Ultimately, it strives to become a globally influential institution for water-related research and coordination.



INNOVATION AND COOPERATION FOR
A SUSTAINABLE FUTURE OF WATER RESOURCES