

同济大学环境科学与工程学院
College of Environmental Science and Engineering
Tongji University



“一带一路”环境学院院长联盟 暨第三届“一带一路”环境学院院长论坛

ALLIANCE OF ENVIRONMENT DEANS
THE THIRD DEAN'S FORUM OF ENVIRONMENT SCHOOLS

会议手册
CONFERENCE BROCHURE

2023年11月27日
November 27, 2023

Online



ALLIANCE OF ENVIRONMENT DEANS THE THIRD DEAN'S FORUM OF ENVIRONMENT SCHOOLS

November 27, 2023
13: 15PM - 17: 30PM (GMT+8)

ZOOM

[HTTPS://US02WEB.ZOOM.US/J/96973301745](https://us02web.zoom.us/j/96973301745)

MEETING ID: 96973301745

PASSWORD: 231127

Organiser

College of Environmental Science and Engineering
Tongji University

Co-Organisers

International Joint Research Center for Sustainable Urban Water Systems
State Key Laboratory of Pollution Control and Resource Reuse
Key Laboratory of Cities' Mitigation and Adaptation to Climate Change in Shanghai



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Introduction

With less than seven years to deliver the UN Sustainable Development Goals (SDGs), developing countries are facing the challenge of balancing infrastructure and economic growth with environmental safeguards. Rapid urbanization development and population increase also require international development initiatives including the Belt and Road Initiative to take the triple planetary crisis into consideration.

Sustainable development must be based on sound knowledge and solid science, and higher education and research institutes are indispensable in this process. In 2018, Tongji University initiated the Alliance of Environment Deans and launched the Dean's Forum of Environment Schools, aiming at forging a joint research network that could provide science and policy recommendations for green development, as well as sharing knowledge, data, and analysis, through South-South Cooperation mechanism. Since the inception of the Alliance of Environment Deans, 63 universities from 34 countries collaborated with fruitful exchange and cooperation activities.

On the occasion of the 10th anniversary of the Belt and Road Initiative, the Third Dean's Forum of Environment Schools focuses on Resource Recycling and Low-Carbon Development, with an aim to exchange research progress and ideas, and forge partnerships for a Green Belt and Road initiative.

Agenda

13:15-13:30 VIDEO

OPENING REMARKS

Representatives from

- Ministry of Science and Technology, China
- Ministry of Ecology and Environment, China
- Shanghai Municipal Bureau of Ecology and Environment
- Science and Technology Commission of Shanghai Municipality
- Infrastructure University Kuala Lumpur, Malaysia
- National Autonomous University, Mexico
- Tongji University, China

13:30-14:00

Moderator: Zhiwei WANG
Dean of College of Environmental Science and Engineering, Tongji University

14:00-14:10 GROUP PHOTO

KEYNOTE REPORTS

Keynote Report 1: Realtime Monitoring Instrument Implementing Cleaner Production in Copper Smelting Industry

14:10-14:50

- Ning DUAN**, Academician of Chinese Academy of Engineering, Professor of College of Environmental Science and Engineering, Tongji University

Keynote Report 2: Energy Economics and Low-carbon Development

14:50-15:20

- David Chiaramonti**, Vice Rector for International Affairs, Professor of Department of Energy, Polytechnic University of Turin

Moderator: Zhiwei WANG
Dean of College of Environmental Science and Engineering, Tongji University

15:20-15:30 BREAK

ROUNDTABLE DIALOGUE

Resource Recycling and Low- Carbon Development:

15:30-16:30

- Leading Remarks by Zhiwei WANG, Dean, College of Environmental Science and Engineering (CESE), Tongji University
- All participants

CLOSED-DOOR DISCUSSION

16:30-17:00

- Addition of new alliance members
- Joint Research Initiative for a Green Belt and Road Initiative

CLOSING CEREMONY

17:00-17:30

- Release the Joint Research Initiative for a Green Belt and Road Initiative

Moderator: Ying WANG
Vice Dean of College of Environmental Science and Engineering, Tongji University

Opening Remarks



Jing HUANG

Director of the Administrative Center for China's Agenda 21
Ministry of Science and Technology, China

Mr. Huang, PhD, researcher. Currently, he is the Director of the China Agenda 21 Management Center, Vice Chairman of the China Society for Sustainable Development, and a member of the National Climate Change Expert Committee. He has worked at Jiangxi Geological Exploration Company of China Nonferrous Metals Industry Corporation, Jiangxi University of Technology, and Beijing Institute of Water Resources Planning and Design. From 1996 to 2008, he served as the Deputy Director of the Strategic Research Department, Director of the Comprehensive Department, and Deputy Director of the China Agenda 21 Management Center. From 1997 to 1998, as a senior visiting scholar, he visited the Massachusetts Institute of Technology in the United States. He has been engaged in strategic research, technology management, and international cooperation and exchange in sustainable development fields such as resources, environment, and climate change for a long time.



Jing GUO

Chairman of Board, BRI International Green Development Coalition
Former Director, Department of International Cooperation, Ministry
of Ecology and Environment, China

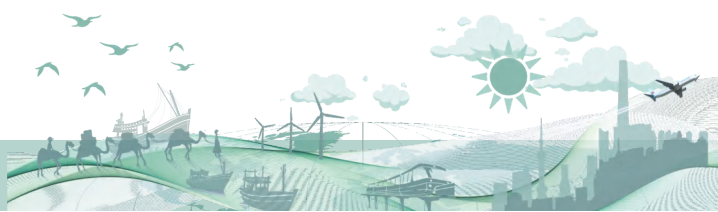
Mr. Guo is a Senior Engineer and holds a doctor's degree in Environmental Geology and a bachelor's degree in Geology, both from Peking University, China. Prior to his current position, Mr. Guo held several key posts in the Ministry of Ecology and Environment of China (MEE) in the field of international cooperation, including Director General for the International Cooperation Department of MEE, the Director-General of Foreign Environmental Cooperation Center of MEE (FECO), Director General of China-ASEAN Environmental Cooperation Center (China Center for Shanghai Cooperation Organization Environmental Cooperation), Deputy Director-General of FECO, and the Director of the CCICED Secretariat.



Jiafu TANG

Deputy Director and Party Secretary of Shanghai Municipal Bureau
of Ecological and Environment

Dr. Tang, born in December 1970, Doctor of Engineering, Senior Engineer. He is now the party secretary and deputy director of Shanghai Municipal Bureau of Ecology and Environment. He was the Party Secretary and Director of Shanghai Municipal Waste Management Bureau, Director of Comprehensive Development Department of Shanghai Municipal Environmental Sanitation Administration (Shanghai Municipal Urban Management and Administration Law Enforcement Bureau), Director of Planning and Development Department of Shanghai Municipal Greening and Amenities Administration (Shanghai Forestry Bureau, Shanghai Municipal Urban Management and Administration Law Enforcement Bureau).



Opening Remarks



Hong HUANG

Vice Chairwoman of Science and Technology Commission of Shanghai Municipality
Deputy Director of Shanghai Administration of Foreign Experts Affairs, China

Ms. Huang served as Deputy Director of the Division of Foreign Experts and Overseas Students of Shanghai Municipal Personnel Bureau, Director of the Division of Foreign Experts and Overseas Students (International Cooperation Division) of Shanghai Municipal Human Resources and Social Security Bureau, Director of the Foreign Experts Service Division (Introduction of Foreign Talents Management Division), first-class consultant of Science and Technology Commission of Shanghai Municipality. From October 2021 she has served as Vice Chairwoman of Science and Technology Commission of Shanghai Municipality and Deputy Director of Shanghai Administration of Foreign Experts Affairs, mainly responsible for scientific and technological talents, international scientific and technological cooperation, introduction of foreign talents, promoting Pujiang Innovation Forum and World Laureates Forum.



Norhaiza NORDIN

Deputy Vice-Chancellor, Infrastructure University Kuala Lumpur, Malaysia

Prof. Norhaiza Nordin is the Deputy Vice Chancellor (Academic) at IUKL. She was previously the Dean of the Centre of Postgraduate Studies and the Head of Postgraduate Programme for Civil Engineering. Her research interest includes Industrialized Building System, Green Technology, Sustainable Construction and Finite Element Analysis. She also has vast experience teaching in public and private universities in Malaysia and a long-time member of the Board of Engineers Malaysia (BEM) and the Institution of Engineers Malaysia (IEM). Dr Norhaiza Nordin received her PhD in Civil & Structural Engineering from The National University of Malaysia (UKM), MSc in Structural Engineering from The Science University of Malaysia (USM) and BSc in Civil Engineering from the University of Michigan (Ann Arbor) USA.



Adalberto NOYOLA

Representative to China, Director of the Mexican Center of Mexican Studies, National Autonomous University of Mexico

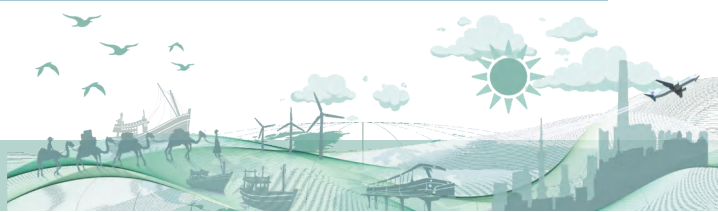
Prof. Adalberto Noyola is an environmental engineer with a PhD from INSA-Toulouse, France (1985). He is a senior researcher and former Dean of the Institute of Engineering at UNAM (2008-2016); he is a member of the National System of Researchers (III). He has served as president of several professional associations, including the Inter American Association of Sanitary and Environmental Engineering (AIDIS). He is author of 5 patents and has published 64 research papers in leading scientific journals (JCR). His research projects deal with anaerobic processes (wastewater treatment, sludge digestion, membrane bioreactors) and methane emission from municipal wastewater treatment facilities.



Peiming LYU

Executive Vice President of Tongji University

Prof. Lyu is the Executive Vice President of Tongji University from 2021. Prior to this position, he served as the Vice President of Tongji from 2014, and the Vice Mayor of Weinan City, Shaanxi Province from 2017 to 2019. From February 2004 to July 2006, he served as Education Consul at the Consulate General of the People's Republic of China in Houston, USA. His main research interests include intercultural communication, translation studies and higher education management. He also received several honors and awards due to his academic and teaching performance as well as social service.



Speakers



Ning DUAN

Academician of Chinese Academy of Engineering
Professor of College of Environmental Science and Engineering, Tongji University

Prof. Duan is an expert in cleaner production. In 1975, he received a bachelor's degree from Department of water supply, drainage and HVAC engineering, Tongji University. In 1981, he received a master's degree from the Department of environmental engineering, Tsinghua University. In 1988, he received a doctorate in civil engineering from Texas State University at Austin. He is the director of heavy metal cleaner production engineering technology center, Chinese Academy of Environmental Sciences, vice chairman of industrial ecological economy and Technology Committee of China Society of Ecological Economics, vice president of China industrial energy conservation and Cleaner Production Association. He was vice president of the Chinese Academy of Environmental Sciences. He was elected academician of Chinese Academy of Engineering in 2011.



David CHIARAMONTI

Vice Rector for International Affairs
Professor of Department of Energy, Polytechnic University of Turin

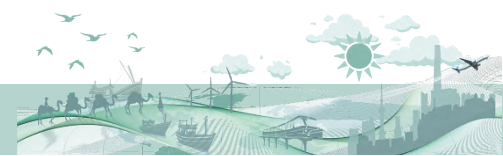
Prof. David Chiamonti, PhD, is full professor of Energy Systems and Energy Economics at the Polytechnic of Turin and chairs the Renewable Energy Consortium for R&D (RE-CORD). He authored >180 publications and participated to >27 EU R&D projects. Member of EUBCE, ISAF, and ICAE Int. Conferences, he was former member of IEA-Bioenergy, Task 34 and Task 39 (Liquid Biofuel), and today member of UN-ICAO task force on Alternative Fuels for aviation and ETIP-B. He was the scientific coordinator of the DG Energy Alternative and Renewable Transport Fuel Forum. He manages the H2020 projects BIO4A (on Sust. Aviation fuels) and BIKE (on low ILUC feedstock biofuels) and is member of the Board of Cluster SPRING. He was awarded the Linneborn Prize for outstanding merits in biomass at EUBCE 2017 in Stockholm and included in the Stanford University list of 2% most cited scientist.



Zhiwei WANG

Dean, Professor
College of Environmental Science and Engineering, Tongji University

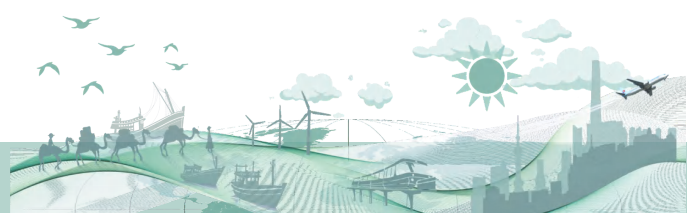
Prof. Wang is the Dean of School of Environmental Science & Engineering at Tongji University. His interests are in the field of water/wastewater treatment and energy/resource recovery. He was the Chair of the International Water Association China Young Water Professionals and serves on the Editorial Boards of Journal of Environmental Chemical Engineering, Environmental Research, Chinese Chemical Letters, and Fundamental Research (NSFC). He has authored over 200 papers in SCI-indexed journals including Science Advances, Environmental Science & Technology, Water Research, etc., with total citations of 13,300 @google scholar (H-index 63) and listed as Most Cited Chinese Scholars in Environmental Sciences Field (Scopus). He was awarded Science & Technology Development Award of Ministry of Education of China (First-class) in 2017 and National Distinguished Young Scholar Funding of NSFC China in 2019.



Members of the Alliance of Environment Deans

Country	University	Faculty/Institute
Bangladesh	Jahangirnagar University	Department of Environmental Sciences
Barbados	The University of the West Indies	Centre for Resource Management and Environmental Studies
Brazil	University of Sao Paulo	School of Law
Cambodia	Bright Hope Institute	/
China	Beijing Normal University	School of Environment
China	Chongqing University	School of Urban Construction and Environmental Engineering
China	Dalian University of Technology	School of Environmental Science and Engineering
China	Donghua University	College of Environment Sciences and Engineering
China	East China Normal University	School of Ecological and Environmental Sciences
China	East China University of Science and Technology	School of Mechanical and Power Engineering
China	Fudan University	Department of Environmental Science and Engineering

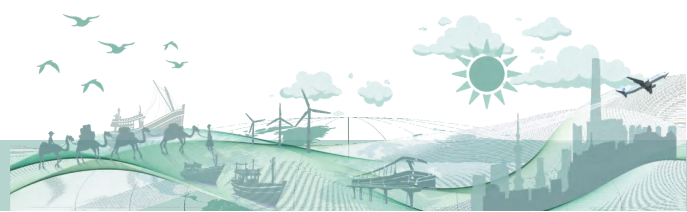
*Alphabetical order by country and university name



Members of the Alliance of Environment Deans

Country	University	Faculty/Institute
China	Fujian Normal University	College of Environment Sciences and Engineering
China	Fuzhou University	College of Environment and Safety Engineering
China	Guangdong University of Technology	School of Ecology, Environment and Resources
China	Hainan University	College of Ecology and Environment
China	Harbin Institute of Technology	School of Environment
China	Kunming University of Science and Technology	Faculty of Environmental Science and Engineering
China	Lanzhou University	College of Earth and Environment Sciences
China	Nanchang Hangkong University	School of Environmental and Chemical Engineering
China	Nanjing Normal University	School of Environment
China	Nanjing University	School of Environment
China	Nanjing University of Science and Technology	School of Environment and Biological Engineering

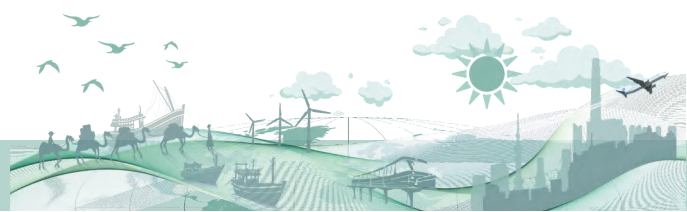
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Members of the Alliance of Environment Deans

Country	University	Faculty/Institute
China	Nankai University	College of Environment Sciences and Engineering
China	North China Electric Power University	College of Environment Sciences and Engineering
China	Northeast Normal University	School of Energy and Environment
China	Peking University	College of Environment Science and Engineering
China	Shandong University of Technology	School of Resources and Environmental Engineering
China	Shanghai Jiao Tong University	School of Environmental Science and Engineering
China	Shanghai University	School of Environmental and Chemical Engineering
China	South China University of Technology	School of Environment and Energy
China	Southeast University	School of Energy and Environment
China	Sun Yat-sen University	School of Environmental Science and Engineering

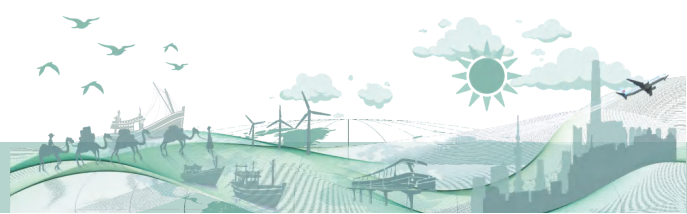
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Members of the Alliance of Environment Deans

Country	University	Faculty/Institute
China	Tianjin University	School of Environmental Science and Engineering
China	Tongji University	College of Environmental Science and Engineering
China	Tsinghua University	School of Environment
China	University of Science and Technology of China	Department of Environmental Science and Engineering
China	University of Shanghai for Science and Technology	School of Environment and Architecture
China	Xi'an University of Architecture and Technology	School of Environmental and Municipal Engineering
China	Xiamen University	College of the Environment and Ecology
China	Xinjiang University	College of Resource and Environment Sciences
China	Zhejiang Normal University	College of Geography and Environmental Sciences
China	Zhejiang University	College of Environmental & Resource Science

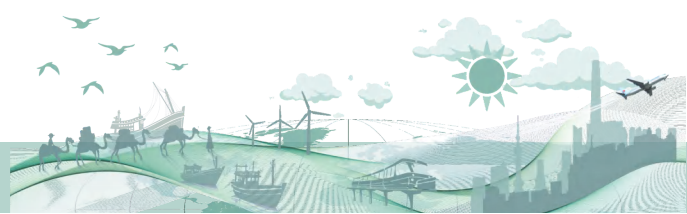
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Country	University	Faculty/Institute
China	Zhengzhou University	School of Water Conservancy and Environment
Costa Rica	University of Costa Rica	Department of Environmental Health
Czech Republic	University of Chemistry and Technology Prague	Faculty of Environmental Chemistry
Egypt	University of Alexandria	Department of Environmental Science
Ethiopia	Mekelle University	Department of Land Resource Management and Environmental Protection
Fiji	University of Fiji	School of Science and Technology
Indonesia	University of Indonesia	School of Environmental Studies
Kenya	Technical University of Mombasa	Faculty of Applied and Health Sciences
Kenya	University of Nairobi	Department of Environmental and Biosystems Engineering
Laos	National University of Laos	Faculty of Environmental Sciences

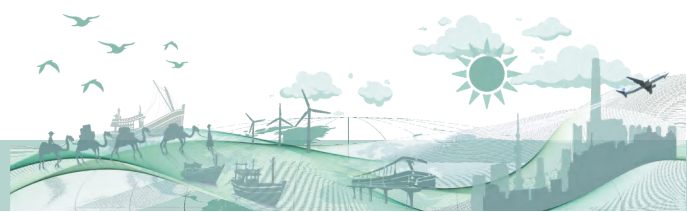
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Members of the Alliance of Environment Deans

Country	University	Faculty/Institute
Madagascar	University of Antananarivo	School of Agronomic Sciences
Maldives	The Maldives National University	Faculty of Science
Mexico	Tecnologico de Monterrey	School of Engineering and Sciences
Mongolia	National University of Mongolia	Division of Natural Sciences
Myanmar	East Yangon University	School of Geology
Nepal	Tribhuvan University	Institute of Engineering
Nigeria	University of Ibadan	Faculty of Renewable Natural Resources
Panama	University of Panama	Institute for Environmental Sciences and Biodiversity
Papua New Guinea	University of Papua New Guinea	School of Natural and Physical Sciences
Philippines	Ateneo de Manila University	Department of Environmental Science

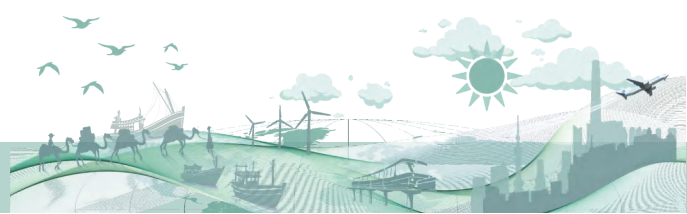
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Members of the Alliance of Environment Deans

Country	University	Faculty/Institute
Philippines	University of the Philippines Diliman	Institute of Environmental Science and Meteorology
Russia	Peoples' Friendship University of Russia	Institute of Environmental Engineering
Russia	St. Petersburg State University	Institute of Earth Sciences
Russia	Tomsk Polytechnic University	School of Advanced Manufacturing Technologies
Serbia	University of Belgrade	Faculty of Mining and Geology
Serbia	University of Novi Sad	Faculty of Sciences
Somalia	Mogadishu University	Faculty of Engineering
Sri Lanka	University of Colombo	Faculty of Science
Tanzania	The State University of Zanzibar	Department of Natural Sciences
Thailand	Asian Institute of Technology	School of Environment, Resources and Development
Thailand	Chulalongkorn University	Faculty of Engineering

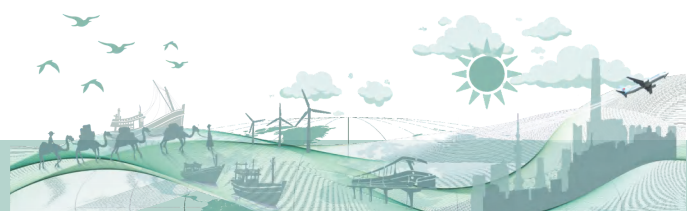
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Country	University	Faculty/Institute
Thailand	Chulalongkorn University	Environmental Research Institute
Turkey	Istanbul Medeniyet University	Bioengineering Department
United Arab Emirates	Zayed University	College of Natural and Health Sciences
Vanuatu	National University of Vanuatu	Tertiary Education Division of the Ministry of Education and Training
Vietnam	Vietnam National University	Faculty of Environment Science
Morocco	Architecture School of Casablanca	/

*Alphabetical order by country and university name



Participants

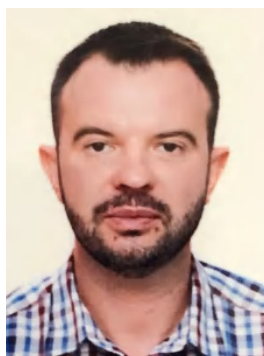
INTERNATIONAL PARTICIPANTS:



Aliya AKTYMABAYEVA

Dean
Faculty of Geography and Environmental Sciences
Al-Farabi Kazakh National University, Kazakhstan

Prof. Aliya AKTYMABAYEVA was the laureate of the State scholarship "Talented young scientists of the Republic of Kazakhstan" established by the Ministry of Education and Science of the Republic of Kazakhstan (2004-2006,2008-2010),"The best teacher,2011,2022." MES RK. From 2015-2020 served of Al-Farabi KazNU STP as deputy director on scientific issues. In 2007, she was awarded the diploma "The Best Head of the Research and Development Works of KazNU", in 2008 (January) she was awarded the diploma "The Best Young Scientist of KazNU", on February 27,2008 she was awarded the degree of candidate of geographical sciences, in 2020 she received the title of associate professor. The scope of scientific interests covers the problems of ecological sustainability of ecosystems under the conditions of anthropogenic impact, as well as the assessment of tourist and recreational load.



Dragoljub BAJIĆ

Associate Professor
Faculty of Mining and Geology
University of Belgrade, Serbia

Prof. Dragoljub BAJIĆ is lecturer at the University of Belgrade and guest lecturer at the University of Banja Luka with more than 15 years of professional experience in the field of geological engineering and hydrogeology. Roles of Professional Associations: Secretary of the Serbian Geological Society; Head of the Laboratory for Design and Management of Groundwater Sources; Deputy Head of the Groundwater Modeling Center; Reviewer at the: Serbian Ministry of Mining and Energy; Provincial Secretariat of Energy, Construction and Transportation; Examiner at the Professional Licensing Commission for Geological Exploration Design Engineers; Reviewer at the: National Entity for Accreditation and Quality Assurance in Higher Education (Serbia) and Agency for Higher Education of the Republic of Srpska, Bosnia & Herzegovina.

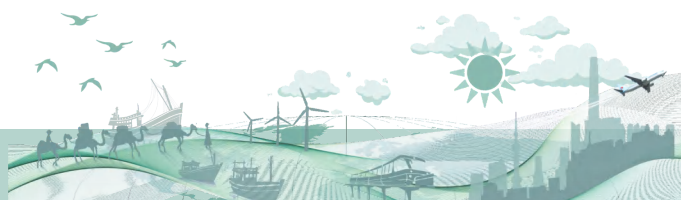


Martha BARGIELA

Professor
Analytical Chemistry Faculty of Agronomy
University of Buenos Aires, Argentina

Prof. Martha Bargiela is Professor in Analytical Chemistry in the UBA School of Agronomy. She has a PhD. In Terrestrial Ecosystems, Sustainable Use and Environmental Implications from Vigo University, Master in Environmental Impact Assessment from the Instituto de Investigaciones Ecológicas (Spain), Universidad Autónoma de Yucatán (México) and Magister from Buenos Aires University in Soil Science. EPG Alberto Soriano-(FAUBA). She teaches in courses of: Applied Chemistry, Pollution Chemistry and Toxicology, and Water and wastewater treatment for undergraduates and postgraduates. Her research topics are related to water quality, contamination and degradation of land and rivers through indices, and the relationship of contaminants in water with the solid phase.

*Alphabetical order by family name



Participants



Nikolai BOBYLEV

Associate Professor
Institute of Earth Sciences
Saint Petersburg State University, Russia.

Prof. Nikolai Bobylev is an Associate Professor, Head of Master programme in Environmental Management, Institute of Earth Sciences, Saint Petersburg State University, Saint Petersburg, Russia. Dr. Nikolai Bobylev is an environmental scientist working on urbanization and sustainable development, urban infrastructure, environmental assessment, and multiple criteria decision analysis. Dr. Bobylev has published more than 40 research papers on environmental and urban development issues. Dr. Bobylev has received several prestigious research awards, including fellowships of the Japan Society for the Promotion of Science, Alexander von Humboldt Foundation, and Marie Curie of the European Community. Dr. Bobylev is a Vice-animateur of the Working group 15 (Underground and the Environment) of the International Tunnelling and Underground Space Association.



Mohammad Amir Hossain BHUIYAN

Professor
Department of Environmental Sciences
Jahangirnagar University, The People's Republic of Bangladesh

Prof. Bhuiyan is one of the pioneers in the field of environmental research in Bangladesh. His efforts are mostly highlighted in the fields of environmental pollution and public health concerns, anthropogenic stresses on earth, water resources management, climate change adaptation/mitigation and disaster management in Bangladesh. His contributions in assessment, monitoring and methodological development in inland and coastal environmental research are nationally and internationally praiseworthy. His research outcomes in water resources and fluvial disaster management are considered as guidelines to policy makers for future disaster management in Bangladesh.



Mohamed ELFLEET

Consultant Researcher
King Abdulaziz University, Saudi Arabia

Prof. Mohamed ELFLEET is an experienced qualified water, energy and environment specialist, with over 40 years' experience in consultancy, management, research, teaching and training in the UK and Overseas. Established international training, growing research and technology links. Currently working as researcher consultant for Centre of Excellence in Environmental Studies, CEES, King Abdulaziz University, KSA.

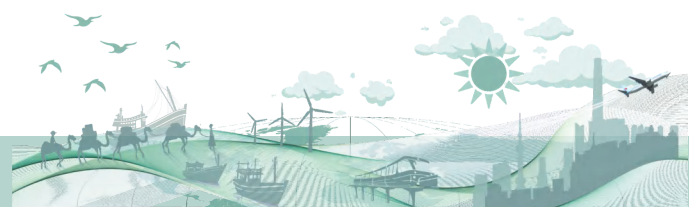


Chalapan KALUWIN

Executive Dean
School of Natural and Physical Sciences
University of Papua New Guinea, Papua New Guinea

Prof. Kaluwin is at the School of Natural and Physical Sciences at the University of Papua New Guinea. He is currently working in the South Pacific Regional Environment Programme (SPREP) in Samoa as the Climate Change Officer and simultaneously the Regional Scientific Officer for the South Pacific Sea Level & Climate Monitoring Project administered by National Tidal Facility, Flinders University, South Australia. His current research interest is in the following areas: oceans and climate change variability and sea-level changes; analytical and environmental sciences; sustainable development and disasters and resilience; atmospheric sciences and pollution techniques/methods: species, Argo floats, sea frame tide gauges, meteorological tools, detector, and analytical tools research on ocean and climate change and variability in the Pacific oceans.

*Alphabetical order by family name



Participants



Jenyuk LOHWACHARIN

Head
Department of Environmental Engineering
Chulalongkorn University, Thailand

Prof. Jenyuk Lohwacharin is a full-time Lecturer and a Director of Professor Aroon Sorathesn Center of Excellence in Environmental Engineering, Department of Environmental Engineering, Chulalongkorn University, Bangkok, Thailand. He worked as a Project Assistant Professor at the Department of Urban Engineering, the University of Tokyo, Japan, from 2013 – 2017. His current research interest is a membrane-assisted water treatment process for micropollutant removal, industrial water reuse, fate and transport of microplastics in wastewater and aquatic environment. He is a member of the International Water Association (IWA), a specialist group on natural organic matter. Dr Jenyuk publishes more than 30 research articles in the Scopus database. He earned his PhD degree in Environmental Engineering from the University of Tokyo.



Jurgen MAHLKNECHT

Research Chair
Water Science and Technology
Tecnologico de Monterrey, Mexico

Prof. Jurgen Mahlknecht previously worked as professor at University of Guanajuato (Mexico) and as research assistant at University of Natural Resources and Life Sciences (Austria) and National Autonomous University of Mexico. He is graduated in Land and Water Management and Engineering and holds a PhD in Hydrogeology from University of Natural Resources and Life Sciences, Vienna, Austria. His research is focused on isotope hydrology, hydro geochemistry, groundwater contamination, and water resources management.

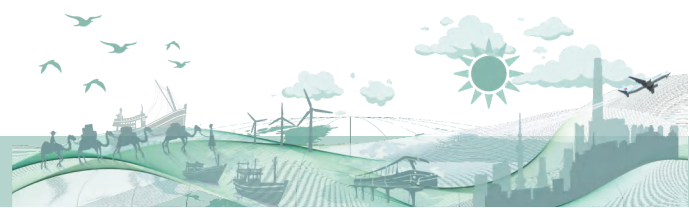


Nagyne Laszlo Krisztina MARIA

Professor
Department of Physical Chemistry and Materials Science
Budapest University of Technology and Economics, Hungary

Prof. Nagyne Laszlo Krisztina Maria is co-opted member of the Council of the International Association of Colloid and Interface Scientists (IACIS); chair of Scientific Society for Measurement, Automation and Informatics, Division of Composition and Environmental Protection Measurements; member of the executive committee of the Division of Colloid Chemistry, Rheology and Tribochemistry and the Division of Cosmetics and Household Chemicals. Her present teaching activities are about physical chemistry (incl. Radiochemistry)- introductory level, advanced level; physical chemistry of Interfaces – advanced level; porous materials; nonconventional materials, etc. She has supervised more than 20 diploma- and PhD theses.

*Alphabetical order by family name



Participants



Duncan Onyango MBUGE

Chairman
Department of Environmental and Biosystems Engineering
University of Nairobi, Kenya

Prof. Duncan Onyango Mbuge is an Associate Professor in the Department of Environmental and Biosystems Engineering, Faculty of Engineering, University of Nairobi. He attended Egerton University and University of Nairobi for undergraduate and postgraduate studies in Environmental and Biosystems Engineering. He is registered by the Kenya Engineers Registration Board as a professional engineer and is a corporate member of the Institution of Engineers of Kenya. He is an Environmental Impact Assessment (EIA) Lead Expert. He is currently conducting research in the use of organic waste for biogas, development and promotion of solar PV systems for cooking, irrigation and lighting, optimization of evaporative cooling systems for fruit and vegetable preservation, development of hybrid solar/desiccant driers, fabrication of potato harvesting machinery for small scale farmers, processing and packaging of African leafy vegetables.



Bae PHEAXAY

Vice Dean
Faculty of Environmental Sciences
National University of Laos, Laos

Prof. Bae Pheaxay is vice dean of the Faculty of Environmental Sciences (FES), National University of Laos (NUOL) his response are research, academic service, international relationship and cooperation and student affair sectors of the faculty, he works here since 2000. He did his Master of Sciences at School of Environment and Development Studies (SERD) major in Natural Resources Management (NRM) from Asian Institute of Technology (AIT), Thailand. Currently he was doing his PhD research on development and environment in Laos. Bae is an assistant professor in natural resources and environment management in National University of Laos. His research field and lecturing are mostly related to natural resources and biodiversity conservation, development and environment management and environmental education and awareness.

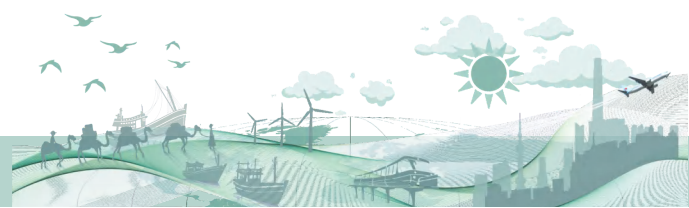


Ramendra PRASAD

Head of Science Department
School of Science and Technology
University of Fiji, Fiji

Prof. Prasad is a Senior Lecturer/Researcher in Physics and Energy modeling and forecasting at the University of Fiji. He is also the Head of Science Department. He has a BSc (Mathematics & Physics), MSc in Physics from the University of the South Pacific, Fiji and Ph.D. in Modeling and Simulations from University of Southern Queensland, Australia. Ramendra has over 10 years of university teaching/administration experience, has published 5 book chapters and more than 35 articles in peer reviewed journals. He has also made more than 10 seminar presentations in a number of countries. He has co-managed a European Commission funded project: Renewable Energy in the Pacific: Developing Skills and Capacity (EPIC) from 2013-2016. His research interests include modeling and simulations, energy modeling, energy management, ocean wave modeling, advanced machine learning approaches, advanced data analytics, environmental and atmospheric modeling.

*Alphabetical order by family name



Participants



Cherry L. RINGOR

Professor
Institute of Environmental Science and Meteorology
University of the Philippines Diliman, Philippines

Prof. Cherry L. Ringor is a Professor at the Institute of Environmental Science and Meteorology, University of the Philippines Diliman (IESM-UPD) where she has been working since 2008. Last 2021, she became the Director of IESM. Her educational background is on Earth Science. She obtained a PhD degree from Kanazawa University (KU), Japan in 2004. After conferment of my PhD degree, she worked as a Research Associate in Environmental Mineralogy Laboratory in KU. In 2006, she was granted a post-doctoral researcher position at the National Institute of Material Science in Japan. Her research interests include coastal erosion, sea level changes, and valorization of agri-wastes and sustainable raw materials sources through nanotechnology.



Sudharma YATIGAMMANA

Head
Department of Environmental and Industrial Sciences
University of Peradeniya, Sri Lanka

Prof. Sudharma Yatigammana is the chairperson Board of Study in Zoological Sciences, PGIS, University of Peradeniya, Sri Lanka; invited limnologist - Institute of Fundamental Studies, Kandy Sri Lanka; coordinator and resource person "Certificate Course in Applied Epidemiology" and coordinator and resource person M.Sc course on Biodiversity Ecotourism and Environment Management. Her research fields are limnology, paleolimnology and environmental predictions using biological indicators. She has won Dean's Award for academically exceptional student (Queen's University, Kingston Canada); Commonwealth Scholarship offered by the Government of Canada and University Scholarship for meritorious performance at the final examinations (University of Peradeniya) University Scholarship 1997 for best results in Zoology.

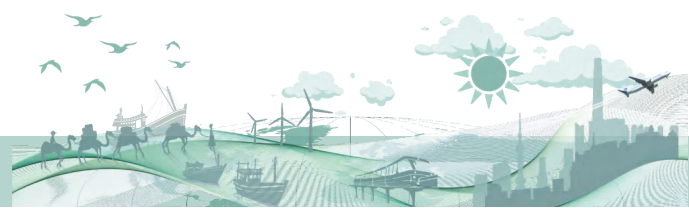


Tahiana RAMANANTOANDRO

Chef of the Forestry and Environment Department
School of Agronomic Sciences
University of Antananarivo, Madagascar

Prof. Tahiana Ramanantoandro is the Head of the Forestry and Environment Department at the School of Agronomy (ESSA), University of Antananarivo, Madagascar. She is also Invited Professor at Ecole Supérieure du Bois in Nantes (France). She has a HDR diploma from the university of Toulouse (France), PhD in Process Engineering from the university of Saint-Etienne (France), a MSc in Wood Science from the University of Bordeaux 1 (France) and an Engineering Diploma in Forestry Science from the School of Agronomy (Madagascar). Dr. Tahiana Ramanantoandro's research focuses on tropical wood identification, and on the study of the diversity of wood properties. Her ultimate aim is to make a significant contribution to the efficient and sustainable use of forestry resources in tropical regions.

*Alphabetical order by family name



Participants



Srđan RONČEVIĆ

Full Professor and Vice Dean
Faculty of Sciences
University of Novi Sad, Serbia

Prof. Srđan Rončević is a member of the National Council for Higher Education of the Republic of Serbia, member of the Council of the University of Novi Sad, Vice Dean for Science, International Cooperation and Development of the University of Novi Sad Faculty of Sciences (Serbia), Full professor in the field of chemical technology. He received his PhD in Chemical Sciences in 2007 (thesis title: Characterization of the bioremediation processes in soil and groundwater contaminated by oil and oil derivatives at the site of Ratno Ostrvo). He bases his career on a multidisciplinary approach with expertise in chemistry and technology of environmental protections, the relation between groundwater and soil quality, remediation of contaminated sites (water, soil, and sediment). He has published 55+ publications in high-ranking journals (h-index 24). He participated in more than 90 projects and studies related to research in environmental protection and technology.



Roberto Parra SALDIVAR

Head of Bioproduction Systems for Sustainable Manufacture
Institute of Advanced Materials for Sustainable Manufacturing
Tecnológico de Monterrey, Mexico

Prof. Roberto Parra Saldívar, research professor at the Tecnológico de Monterrey. PhD in Biotechnology University of Cranfield, United Kingdom and post-doctorate at the University of Westminster in the United Kingdom. Visiting professor at MIT in the laboratory of Dr. Robert Langer and Harvard University. It belongs to the national system of researchers (SNI Level 3) and to the Mexican Academy of Sciences. He has taught more than 50 professional and postgraduate courses in the Department of Chemical Engineering and Biotechnology Engineering and in the Master in Environmental Systems, Master in Energy Engineering and in the Master and Doctorate in Biotechnology. In his professional career of more than 20 years He has directed more than 80 national and international projects as Principal Investigator and is an evaluator of projects in Poland, Singapore, Poland, the Netherlands, the United States, Colombia and Mexico.

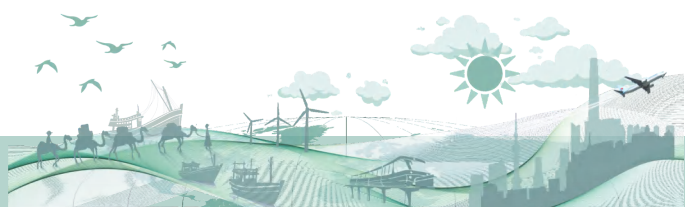


Abdul SALAM

Dean
School of Environment, Resources, and Development
Asian Institute of Technology, Thailand

Prof. Abdul Salam (Ph.D.) is the Dean of the School of Environment, Resources and Development and Professor of the Department of Energy, Environment and Climate Change at the Asian Institute of Technology (AIT), Bangkok, Thailand. Prof. Salam has around 30 years of international experience in research, outreach/consultancy, and capacity building in the areas of climate change, sustainable and renewable energy, sustainable energy transition, and environmental issues. He has published six books and more than 110 book chapters, internationally refereed journal articles, conference papers, and several development and industry reports. He also received many awards in recognition of his research and academic activities. He has so far implemented 48 research projects worth around 4.9 million US\$ funded by various international organizations and UN agencies.

*Alphabetical order by family name



Participants



Pantawat SAMPANPANISH

Director
Environmental Research Institute
Chulalongkorn University, Thailand

Prof. Sampanpanish is an associate professor at the Environmental Research Institute of Chulalongkorn University. His fields of specialization are environmental and hazardous waste management, site remediation, community social responsibility (CSR) with special interest in green mining and phytoremediation and environmental impact assessment (EIA).



Elena SAVENKOVA

Director
Institute of Environmental Engineering
Peoples' Friendship University of Russia named after Patrice
Lumumba, Russia

Prof. Elena Savenkova, Doctor of Economics, Head of the Greenhouse Gases' Validation and Verification Body, Director of Institute of Environmental Engineering, Director of Department of Environmental Safety and Product Quality Management, Peoples' Friendship University of Russia named after Patrice Lumumba. Member of scientific and technical councils of enterprises. Work Experience: theory and practice of investment activity, public-private partnership in investment projects, investment projects management, innovative environmental projects management, economic efficiency and safety of environmental projects, climatic neutrality.

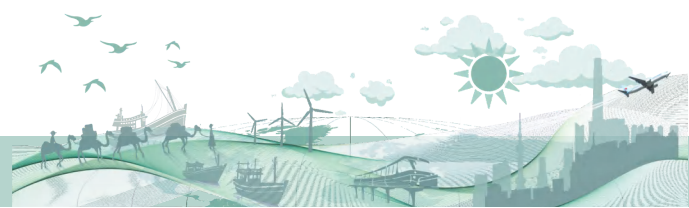


Zaneta STASISKIENE

Director
Institute of Environmental Engineering
Kaunas University of Technology, Lithuania

Prof. Zaneta STASISKIENE is director of the Institute of Environmental Engineering, Kaunas University of Technology, Kaunas, Lithuania. As a professor and as UNEP DTIE expert she participated and coordinated more than 75 projects in different countries. The projects resulted in mitigation and reduction of environmental, societal and health impacts of industrial growth and transformation and at the same time fostering development of sustainable business and behavioral changes in society, competitive abilities for green industry and business. In 2021 – 2022 she led project "Development of the roadmap for the transition of Lithuanian industry to a circular economy". The methodologies and models developed to foster sustainability on different level (starting from company up to country level) as well as integration of modern training measures were valuable tools for analysis of natural processes and pollution loads.

*Alphabetical order by family name



Participants



Jagat Kumar SHRESTHA

Associate Professor of Civil Engineering
Director of Center for Infrastructure Development Studies (CIDS)
Institute of Engineering
Tribhuvan University, Nepal

Prof. Jagat K. Shrestha has over 30 years of experience in civil engineering. He is currently an Associate Professor of Civil Engineering at the Pulchowk Campus and Director at Center for Infrastructure Development Studies (CIDS) at the IoE. He has been an Assistant Dean at the Institute of Engineering, Tribhuvan University from Jul. 2007 - Aug. 2010 and May 2015 - May 2019. Dr. Shrestha is also an Associate Academician at the Nepal Academy of Science and Technology. He also served as the Deputy Head of the Civil Engineering Department during June 2007 and July 2009. He has a number of research publications. Recently, he has assessed energy demand and greenhouse gas emissions in low-rise building systems in rural areas. His current research interests are in environment friendly infrastructures and operations research.



Seng SINTHA

Director
Bright Hope Institute, Cambodia

Prof. Sintha's work focuses on providing primary, secondary and tertiary educational services to rural Cambodians and offering specialized tertiary education in Community Enterprise, Agriculture and Rural Development, Business Management, Public Administration and Education Management. His work makes Cambodians have access to a qualitative education to achieve a stable living standard. He also focuses on the studies on improving the education and the living conditions of the children and youth in Kompong Chhnang Province by providing access to education and several training opportunities as well as development programs especially for the benefit of poor people in the community. Also, He engages in enhancing different community projects in rural Kompong Chhnang Province in order to empower those rural communities to establish Farmer Cooperatives, Community Enterprises and Community Credit Unions. Within the context of these projects, he encourages his students to put their knowledge into practice by linking development theory with real-world experiences in the field.

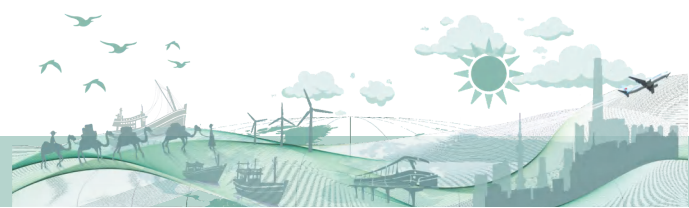


Supot TEACHAVORASINSKUN

Dean
Faculty of Engineering
Chulalongkorn University, Thailand

Prof. Teachavorasinskun is Dean of the Faculty of Engineering, Chulalongkorn University, Thailand, and is in Geotechnical and Geo-environmental Engineering at Chulalongkorn University. His research interests include soil properties tests and solving geotechnical problems.

*Alphabetical order by family name



Participants

CHINESE PARTICIPANTS:



Xiaoyong CHEN

Dean
School of Ecological and Environmental Sciences
East China Normal University, China

Prof. Chen's research interest is on population genetics, with a special focus on the genetic structure of plants, the closely associated animals, and on the evolutionary factors that shape the genetic structure. By using SSRs, AFLPs, and DNA sequencing, he probes the following issues: coevolution of plants and their associated insects. He adopts molecular markers to understand the coevolution of plants and their closely associated insects, population genetics and phytogeography of tree species of China, and conservation genetics and its implications for conservation of threatened plants and seagrasses. He is interested in the dominant species of evergreen broadleaved forests, the zonal vegetation of subtropical areas in China.



Feng DAI

Dean
School of Architecture and Environment
Sichuan University, China

Prof. Feng Dai has been engaged in rock dynamics and engineering research for a long time, and his research results have been included in three ISRM dynamic experimental recommendations and five industry standards. In recent years, he has been promoted and applied in multiple national major hydropower projects such as Baihetan, Jinping First Class, Wudongde, and Monkey Rock.

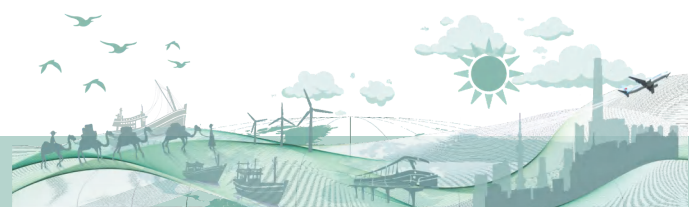


Yujie FENG

Dean
School of Environment
Harbin Institute of Technology, China

Prof. Yujie Feng got her Ph. D and M, Phil from Harbin Institute of Technology and Bachelor degree from Tianjin University. She currently serves as the Dean, School of Environment, Harbin Institute of Technology and Director of the National Engineering Research Center for Safe Sludge Disposal and Resource Utilization, and director of the National and Local Joint Engineering Research Center for Bioenergy. She was rewarded as Winner of the National Science Fund for Distinguished Young Scholars, selected as a national high-level talent, and responsible for the innovation team in key fields of the Ministry of Science and Technology. She mainly engaged in research on low-carbon sewage treatment and resource utilization, sponge cities and urban water pollution prevention, ecological restoration, and environmental ecological risk assessment in water systems. She was received 1 national award, 4 provincial and ministerial level prizes. She has received honorary titles such as the "Top Ten Outstanding Youth in Heilongjiang Province", "Heilongjiang Provincial Women's Medal", and "Heilongjiang Provincial May Day Medal".

*Alphabetical order by family name



Participants



Yong GENG

Dean
School of Environmental Science and Engineering
Shanghai Jiao Tong University, China

Prof. Geng is currently chair professor and doctoral supervisor of Shanghai Jiao Tong University, Dean of the Shanghai Jiao Tong University-UNIDO Development Joint Institute for Green Growth, Dean of the School of Environmental Science and Engineering, Deputy Dean of the School of International and Public Affairs, Deputy Dean of the Institute of Carbon Neutral Development of Shanghai Jiao Tong University, Changjiang Scholars Distinguished Professor (Economics), Post-evaluation special recipients of the National Outstanding Youth Fund, Leader of the Ministry of Ecology and Environment, Outstanding Academic Leader, Winner of Government Allowance from the State Council, and Clarivate Analytics Global Award Cited Scholar and Elsevier China Highly Cited Scholar. He has successively served as the lead author of the fifth and sixth assessment reports of the United Nations Intergovernmental Panel on Climate Change, and the waste management expert of the United Nations Regional Development Center.



Huan HE

Dean
School of Environment
Nanjing Normal University, China

Prof. Huan He is the Dean of School of Environment, Nanjing Normal University. He received his Ph.D. in environmental science from Nanjing University, P. R. China. His research interests include environmental identification technology for emerging pollutants, synthesis and applications of environmental functional materials for ecological remediation, environmental behavior and effects of toxic pollutants, and monitoring and assessment of carbon emissions. Professor He serves as a member of the Professional Committee on Persistent Organic Pollutants in the Chinese Society for Environmental Sciences and as an Associated Editor for Reviews of Environmental Contamination and Toxicology. He has published more than 70 refereed journal papers with H- index of 41.

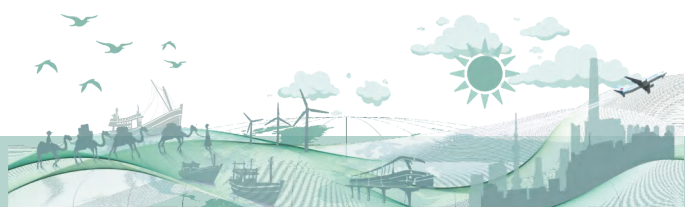


Xin HUANG

Vice Dean
School of Environmental and Chemical Engineering
Shanghai University, China

Prof. Xin Huang, Deputy Dean, School of Environmental and Chemical Engineering, Shanghai University. A member of the International Water Association (IWA) and the China Chemical Society. A registered engineer for Water and Wastewater Engineering, China. Published more than 50 referred publications, where some of them in top journals such as Water Research and Journal of Hazardous Materials. Worked as PI for advisory and engineered projects, such as "Effect of free bromine on disinfection by-products", "Transformation of bromide ion during disinfecting raw water with high bromide", and "The non-radical catalytic oxidation of peroxydisulfate by LDH" etc.

*Alphabetical order by family name



Participants



Yuan HUANG

Vice Dean
School of Environmental and Chemical Engineering
Shanghai University, China

Prof. Huang is the Associate Researcher, Deputy Dean, School of Environmental and Chemical Engineering, Shanghai University. Mainly research the low-carbon separation method of pollutants, found the principle of micro-interface oscillation induced by particle self-rotation and revolution in swirl field to strengthen separation and transfer, and developed a variety of new separation strengthening techniques and equipment. Member of the 9th Committee of Chemical Machinery Professional Committee of China Chemical Industry Society, Youth member of the 2nd Committee of Filtration and Separation Professional Committee.



Yuandong HUANG

Dean
School of Environment and Architecture
University of Shanghai for Science and Technology, China

Prof. Huang mainly studies air pollution control and atmospheric environment simulation, wind tunnel simulation technology, water and sediment science and water environment. He presided over/undertaken the completion of key projects of the National Natural Science Foundation of China, national key research and development plan projects, Shanghai's "Science and Technology Innovation Action Plan" social development science and technology research project, World Expo major science and technology projects, National Excellent Doctoral Dissertation Author Special Fund, Shanghai Municipal Education Commission Research and Innovation Key Project, as well as wind tunnel test research projects commissioned by relevant units.

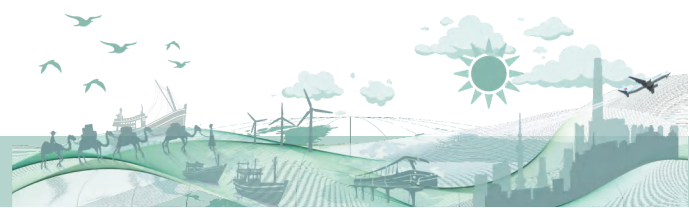


Soon Thiam KHU

Dean
School of Environmental Science and Engineering
Tianjin University, China

Prof. Khu graduated from NUS in the 1990s and spent most of his 25 years of academic career in Europe, and Australia. He is currently Dean and Head of Green Environment and Sponge City Center at TJU. His research interests are: Urban water supply system modelling, Urban flooding mitigation, Hydro informatics, Resilience and SMART cities, Nature-based solutions in urban environment, etc. He is currently working on improving drinking water quality in water distribution networks through large scale experiments and numerical modelling, and secondary water supply to households in China, enhancing 2D inundation models with respect to urban flood resilient, and crowd-sourced data for catchment modelling.

*Alphabetical order by family name



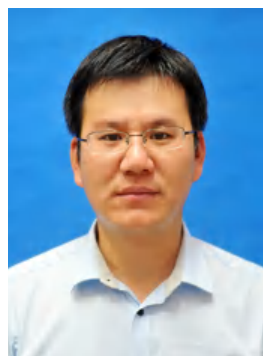
Participants



Jiansheng LI

Dean
School of Environmental and Biological Engineering
Nanjing University of Science and Technology, China

Prof. Li is the Dean in School of Environment and Biological Engineering, Nanjing University of Science & Technology (NJUST). His scientific interests focus on environmental nanotechnology for pollution control, ranging from membrane technology to nano-adsorbents and catalysis. He has authored 146 publications, including Chem Soc Rev, Angew Chem Int Ed, Adv Fun Mater, Chem Comm, ES&T, Water Res and J Membrane Sci etc. with over 10090 citations/h-index of 54 (Web of Science) and over 12400 citations/h-index of 62 (Google Scholar). He possesses 13 Chinese patents and 1 US patent. He was the recipient of the Environmental Protection Science and Technology Progress Award from the Ministry of Environmental Protection of China in 2004 and 2009, and also the Science and Technology Award from the People's Government of Jiangsu Province in 2011 and 2021.



Hongjun LIN

Dean
College of Geography and Environmental Sciences
Zhejiang Normal University, China

Prof. Lin is the distinguished professor and doctoral advisor. In recent years, he mainly committed to the research and development of new membrane separation process, innovative water pollution control technology and modern environmental microbial technology. More than 260 SCI papers have been published, including more than 160 first / corresponding author papers, which have been cited more than 13000 times, and the H factor is 62. He was selected as a global highly cited scientist of Kerui Weian and a Chinese highly cited scholar of Elsevier in 2021.

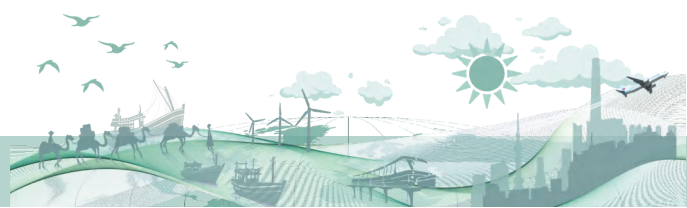


Zhang LIN

Dean
School of Metallurgy and Environment
Central South University, China

Prof. Lin is currently executive deputy director of Chinese National Engineering Research Center for Control & Treatment of Heavy Metal Pollution, associate editor of Environmental Science: Nano, Eco-Environment & Health (Elsevier) and Clean Mat, and fellow of the Royal Society of Chemistry. Her research interests include 1) Heavy metal recycling from hazardous waste via crystal growth regulation; 2) Nanotechnology for extracting low-concentration rare metals from wastewater; 3) Novel materials for the energetic conversion of industrial CO₂ waste gas; 4) Transformation of heavy metals by geological microorganisms via biomineralization. She has published more than 300 papers in such as Nat. Commun., PNAS, J. Am. Chem. Soc. etc.

*Alphabetical order by family name



Participants



Jinsuo LU

Dean
School of Environmental and Municipal Engineering
Xi'an University of Architecture and Technology, China

Prof. Lu specializes in rainwater resource utilization: the diamond weir catchment technology and waterlogging risk model that can make the outflow more uniform when the water surface changes on the weir are proposed, which provides a basis for the waterlogging risk assessment of underground space. He also focuses on the improvement of drinking water quality: the scale control technology based on acid-base balance aeration process was established to control the formation of scale and improve the quality of drinking water. The theoretical research of the whole process section, small and pilot tests were completed, and a number of scale control projects were actually implemented. He specializes in operation and optimization of urban drainage system: a new idea was proposed to solve the problem of harmful gas in sewage pipeline system by using pulse ventilation generated by drainage to improve the anaerobic environment of pipeline closure and control harmful gas generation.



Guanghui LYU

Dean
College of Ecology and Environment
Xinjiang University, China

Prof. Guanghui Lyu, Professor, Doctoral Tutor. Secretary and Dean of the School of Ecology and Environment at Xinjiang University. Director of the Key Laboratory of Oasis Ecology, Ministry of Education, and Director of the Field Scientific Observation and Research Station of the Ministry of Education for the Temperate Desert Ecosystem in Jinghe, Xinjiang. Currently serving as a member of the Teaching Guidance Commission for Nature Conservation and Environmental Ecology of the Ministry of Education, a member of the Botanical Society of China, a member of the Soil Reclamation and Ecological Restoration Professional Committee of the China Coal Society, a vice chairman of the Xinjiang Ecological Society, a vice chairman of the Xinjiang Botanical Society, an executive director of the Xinjiang Soil and Fertilizer Society, and an executive director of the Xinjiang Geographical Society. Mainly engaged in research on plant physiology and ecology, biodiversity, and ecological restoration.

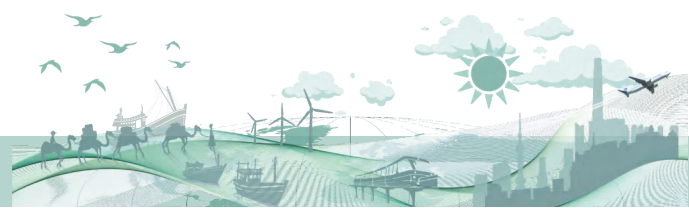


Yonglong LYU

Dean
College of the Environment and Ecology
Xiamen University, China

Prof. Yonglong Lyu was elected as an academican of the Academy of Sciences for Developing Countries (TWAS) in 2012, an academican of the Academy of Sciences for Europe in 2019, and a foreign academican of the Russian Academy of Sciences (RAS) in 2022. I have been engaged in research in environmental geography, sustainable ecology, and environmental ecology for a long time. I have led or participated in over 40 scientific and technological projects, including national key research and development plans, national key basic research plans, national key basic special projects, national major international cooperation projects, and national key funds. I am responsible for the coupling effect between regional environment and development Systematic innovative achievements have been made in the regional ecological risks and regulatory mechanisms of environmental pollution.

*Alphabetical order by family name



Participants



Jinxing MA

Vice Dean
School of Ecology, Environment and Resources
Guangdong University of Technology, China

Prof. Jinxing Ma, Vice Dean, School of Ecology, Environment and Resources, Guangdong University of Technology. He is a recipient of the National Outstanding Youth Science Foundation Program (Overseas) and the Outstanding Youth Foundation for Natural Science of Guangdong Province. His main research interests are wastewater reclamation and safe utilization. He has published more than 130 SCI papers in high-impact journals (of which 47 are Nature Indexed), with total citations of more than 7,000. He serves as an editorial board member of Chinese Chemical Letters, Desalination, Carbon Research, Journal of Water Technology, etc., and the co-Chair of the 6th BDI&E Conference. He has been recently awarded Guangdong Youth May Fourth Medal.



Bo PAN

Dean
Faculty of Environmental Science and Engineering
Kunming University of Science and Technology, China

Prof. Pan's research mostly focuses on the carbon turnover in terrestrial systems in association with pollution control, the reactivity of pyrogenic carbon, and the potential application, as well as the environmental fate and implications of nanomaterials. I'm currently the associate editor of Carbon Research, European Journal of Soil Science.

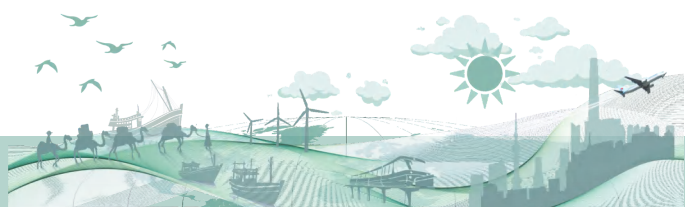


Zhenyao SHEN

Dean
School of Environment
Beijing Normal University, China

Prof. Shen, PhD supervisor, Dean of School of Environment, Beijing Normal University. Winner of the National Science Foundation for Distinguished Young Scholars of China, Distinguished Professor of Changjiang Scholars of the Ministry of Education, and Academic leader of the National Innovation Research Group. My research interests include non-point source pollution simulation and control, watershed water quality simulation and water environmental effects, urban stormwater management, watershed water quality management, etc. I have won 2 national science and technology awards and over 10 provincial and ministerial science and technology awards. I have published more than 400 academic papers, of which more than 260 have been indexed by SCI.

*Alphabetical order by family name



Participants



Renjie SONG

Dean
School of Environmental and Chemical Engineering
Nanchang Hangkong University, China

Prof. Renjie Song, Dean of College of Environment and Chemical Engineering, Nanchang Hangkong University. He's current research interests include the preparation of covalent organic framework materials and their application in environmental governance. He has won the first prize of Jiangxi Province Natural Science Award, the first prize of Hunan Province Natural Science Award, the first "Jiangxi Province Youth Science and Technology Award" and Henry Fok "Youth Science and Technology Award". At present, he presided over more than 15 scientific research projects and published 165 papers in Sci. Adv., J. Am. Chem. Soc., Angew. Chem. Int. Ed. and other high-level journals, including 8 ESI highly cited papers. Thus, he was selected as the "China Highly Cited Scholar" by Elsevier in 2020 and selected as "World Top 100, 000 Scientists".



Xinshan SONG

Dean
College of Environmental Science and Engineering
Donghua University, China

Prof. Xinshan Song, Professor, dean of the college of environmental science and engineering, Donghua University, China. Dr. Song was engaged in scientific research and teaching in water environment and ecological restoration. He has published more than 140 papers including more than 80 SCI papers, and 6 monographs and textbooks. He has applied for more than 50 patents including 30 invention patents.

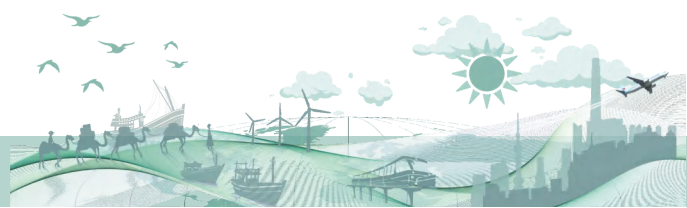


Qian SUI

Vice Dean
School of Resources and Environmental Engineering
East China University of Science and Technology, China

Prof. Qian Sui received her bachelor and Ph. D degrees in Environmental Engineering from Tsinghua University and now is the deputy dean of School of Resources and Environmental Engineering, East China University of Science & Technology. Her research interests are occurrence, behavior, and removal of emerging contaminants in various environment media. She is in charge of National Key Research and Development Program of China, the National Natural Science Foundation of China. She has been elected as Youth Chang Jiang Scholar, and received Young Scientist Award in Environmental Chemistry, the Young Scientist Award in Environmental Science, and the Most Distinguished Scientists in Ecology and Environment.

*Alphabetical order by family name



Participants



Lianpeng SUN

Dean
School of Environmental Science and Engineering
Sun Yat-sen University, China

Prof. Sun is the dean and professor in the School of Environmental Science and Engineering, Sun Yat-sen University. His main research fields include: (1) Sludge treatment and sludge reduction; (2) Hydraulic modelling of drainage system and Urban smart water affair (3) Municipal wastewater & Industrial wastewater treatment. To date, he has been in charge of several hundred research projects and has published more than 100 academic papers in international and Chinese journals.



Dianping TANG

Dean
School of Environmental and Safety Engineering
Fuzhou University, China

Prof. Dianping Tang, a Full Professor for Analytical Chemistry at the Fuzhou University (China), was born in 1972. He received his PhD degree in Analytical Chemistry from the Southwest University (China) in 2008. He received the Alexander von Humboldt Fellowship in 2008 and worked Technische Universität München (Germany) from 2008 to 2009. Importantly, he was selected as "the 100 Most Influential People in the Analytical Scientist" in 2014 and "Highly Cited Researchers". He is an Associate Editor of "Biosensors & Bioelectronics". His research interests mainly focus on Clinical/Environmental immunoassays, Biological and Chemical microsensors, Synthesis and application of advanced functional nanomaterials, Fabrication of microfluidic device. The detection methods mainly consist of electrochemistry, surface plasma resonance, quartz crystal microbalance techniques and immunoaffinity chromatography.

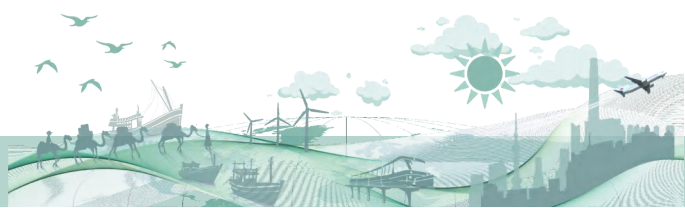


Jianwei TANG

Dean
School of Ecology and Environment
ZhengZhou University, China

Prof. Jianwei Tang is currently the Executive Dean of the School of Ecology and Environment at Zhengzhou University, Director of the National Center for Research and Promotion of Calcium Magnesium Phosphorus Compound Fertilizer Technology, and Director of the National Center for Phosphorus Compound Fertilizer and Phosphorus Chemical Information. The main research direction is the comprehensive utilization of energy, metal and non-metallic minerals, and industrial solid waste resources, as well as the development of eco-efficient and agile resource materials (fertilizers) technology. He presided over more than 30 vertical and horizontal research and development projects, including the National "11th Five Year Plan" Science and Technology Support Program, the "12th Five Year Plan" National "863" Science and Technology Project, the "13th Five Year Plan" National Natural Science Foundation General Project, and the National Key R&D Plan Project sub projects, as well as provincial and ministerial level and industry associations, enterprise cooperation, and other vertical and horizontal research and development projects.

*Alphabetical order by family name



Participants



Senlin TIAN

Vice Dean
Faculty of Environmental Science and Engineering
Kunming University of Science and Technology, China

Prof. Senlin Tian is a distinguished professor of the "National High-level Talents", a national level candidate for the "Hundred and Ten Million Talents Project", a young and middle-aged expert with outstanding contributions to the country, an industrial innovation talent under the "Xingdian Talent Support Plan" in Yunnan Province, a young and middle-aged academic and technical leader in Yunnan Province, and a recipient of special allowances from the Yunnan Provincial Government. Mainly engaged in scientific research and teaching in the collaborative prevention and control of multi medium pollution. Received 2 second prizes for national technological invention and technological progress, 1 Chinese patent excellence award, 9 first and 2 second prizes for provincial-level and social science and technology awards, 3 gold and 2 silver awards for domestic and foreign invention exhibitions.



Lidong WANG

Dean
College of Environmental Science and Engineering
North China Electric Power University, China

Prof. Wang's research interest in the control of air pollution. He developed efficient and low-cost coal-burning flue gas desulfurization and carbon dioxide capture processes, which provides technical support for "pollution reduction and carbon reduction" in the power industry. He has presided over more than ten national key research and development Projects, the National Natural Science Foundation of China, and Natural Science Foundation of Hebei Province. He has been in charge for about 20 million yuan of funds, published more than 100 SCI papers and obtained 20 authorized invention patents. He has won the first prize of Science and Technology Progress of Hebei Province, the second prize of China Electric Power Technology Invention, the second prize of China Environmental Protection Science and Technology, the New Century Excellent Talents Support Program of the Ministry of Education, and the Outstanding Youth Fund of Hebei Province.

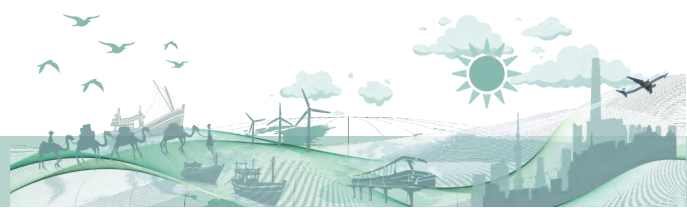


Lin WANG

Director
Department of Environmental Science and Engineering
Fudan University, China

Prof. Lin Wang received his Ph.D. degree in Environmental Toxicology from University of California, Riverside in 2006. Dr. Wang is now a university distinguished professor of Atmospheric Chemistry at the Department of Environmental Science & Engineering, Fudan University. He is an awardee of the Recruitment Program of Global Young Expert (2011) from the central government of China, and a recipient of the Distinguished Young Scholar (2019) and the Excellent Young Scholar (2012) Programs funded by the National Natural Science Foundation of China. Dr. Wang's research focuses on atmospheric chemistry, spanning from atmospheric homogeneous chemistry, to heterogeneous chemistry, and to aerosol chemistry and physics. He has worked extensively on topics including new particle formation and the subsequent initial growth, characterization and ageing of organic aerosols, photochemical oxidation mechanisms of volatile organic compounds, and development of the state-of-the-art instruments for aerosol research.

*Alphabetical order by family name



Participants



Peifang WANG

Dean
College of Environment
Hohai University, China

Prof. Peifang Wang served as the editor in chief of "Water Resources Protection", deputy editor in chief of "Journal of Environmental Informatics", editorial board member of journals such as "Journal of Hydrodynamics" and "Lake Science", member of the IWA Committee, deputy secretary general of the Environmental Water Conservancy Professional Committee of the Chinese Water Conservancy Society, deputy director of the Water Environment Branch of the Chinese Environmental Science Society, and deputy director of the Lake Branch of the Marine Limnology Society. Mainly engaged in teaching and research work in water environment protection and ecological restoration.



Ying WANG

Vice Dean
College of Environmental Science and Engineering
Tongji University, China

Prof. Wang is the Vice Dean of the College of Environmental Science and Engineering, Tongji University. She is young scientist fellow of the United Nations Environment Programme (since 2017). She received her BSc in 2007 from Wuhan University and her PhD in 2012 from Tsinghua University. Her research interest is on sustainable electrochemical resource regeneration, including interfacial electrochemistry and Nano-catalysis, pollutant electroanalysis, advanced environmental functional materials, and new electrochemical water treatment technologies. She has published over 60 papers in international, peer-reviewed journals including Nat. Protoc., PNAS, J. Am. Chem. Soc., ACS Nano, Chem. Soc. Rev. She is among the World's Top 2% Scientists.

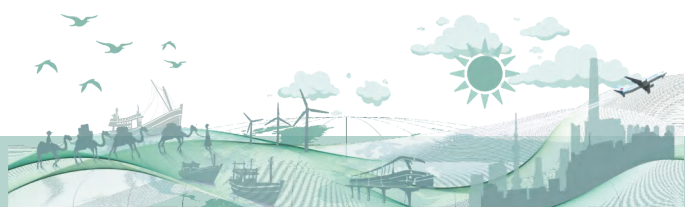


Defeng XING

Vice Dean
School of Environment
Harbin Institute of Technology, China

Prof. Defeng Xing, Professor, Doctoral Supervisor; National high-level talents, one of the first batch of young top talents from the Central Organization Department, recipient of the National Excellent Youth Science Fund, one of the first batch of professional and technical young top talents from the Ministry of Environmental Protection, one of the new century outstanding talents from the Ministry of Education, recipient of the Heilongjiang Province Outstanding Youth Science Fund, one of the first batch of young top talents from Harbin Institute of Technology, and selected for the Harbin Institute of Technology Young Scientists Studio in 2018.

*Alphabetical order by family name



Participants



Zhining WANG

Vice Dean
School of College of Environmental Science and Engineering
Shandong University, China

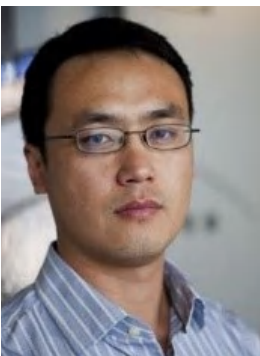
Prof. Zhining Wang received Ph.D. degree from the Department of Chemistry of the Hong Kong University of Science and Technology. He is mainly engaged in the research of new membrane material preparation, membrane separation, seawater desalination and comprehensive utilization of marine resources. He is currently a member of the International Water Association Membrane Technology Committee China Branch, a young expert member of the Chinese Desalination and Water Reuse Society, and a member of the Committee of the Chinese Society of Environmental Science. He has presided over more than 10 national and provincial projects and a number of enterprise technology research and development projects, published more than 80 SCI papers, and authorized 12 patents.



Liangfu XIE

Vice Dean
College of Civil Engineering and Architecture
Xinjiang University, China

Prof. Liangfu Xie is an expert of geotechnical slope treatment direction. He born in 1988 in Jingzhou, Hubei Province. In 2015, graduated from the Department of Civil Engineering, China University of Geosciences (Wuhan). Now he is a professor of Xinjiang University, the Deputy Dean of School of Civil Engineering, the Deputy Director of Xinjiang Civil Engineering Technology Research Center, and a member of Youth Working Committee of Soil Mechanics and Geotechnical Engineering Branch of China Civil Engineering Society.

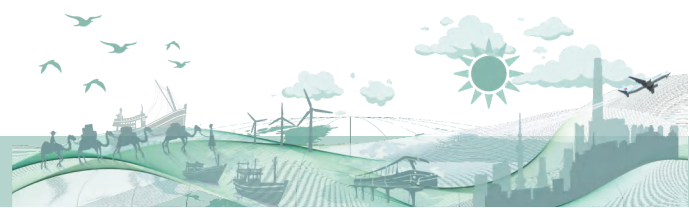


Ming XU

Baofeng Chair Professor of Carbon Neutrality
Vice Dean
School of Environment,
Tsinghua University, China

Prof. Ming Xu is the Baofeng Chair Professor of Carbon Neutrality in School of Environment at Tsinghua University. Prior to that, he was a Professor in School for Environment and Sustainability and a Professor in Department of Civil and Environmental Engineering at University of Michigan, Ann Arbor. He serves on the Editorial Board of the journal Engineering for its Environment & Light and Textile Industries Engineering Section. He has been serving as the Editor-in-Chief of the journal Resources, Conservation & Recycling since 2015 (2021 Impact Factor: 13.716). Founder of the International Conference on Resource Sustainability (icRS) series in 2018, he has served as the conference General Chair. He was elected Chair of the 2024 Gordon Research Conference on Industrial Ecology and President of International Society for Industrial Ecology for 2023-2024.

*Alphabetical order by family name



Participants



Xiaoguang XU

Associate Professor
School of Environment
Nanjing Normal University, China

Prof. Xiaoguang Xu was graduated from Tohoku University in Japan and work as Associate Professor of School of Environment in Nanjing Normal University since 2017. His research interests focus on Carbon cycle in freshwater lakes, lacustrine ecological restoration technology and water treatment technology. HE has honored Tohoku University Principal Award, Tohoku University GCOE Project Grants, Japanese Government Scholarship and so on.



Daiqi YE

Professor
School of Environment and Energy
South China University of Technology, China

Prof. Ye currently serves as the Executive Director of the Chinese Society of Environmental Sciences, Executive Vice Chairman and Secretary General of the Volatile Organic Matter Control Professional Committee of the Chinese Society of Environmental Sciences, Chairman of the Energy and Environment Branch of the Chinese Society of Environmental Sciences, Director of the National Engineering Laboratory for Volatile Organic Matter Pollution Control Technology and Equipment, and Director of the Guangdong Provincial Key Laboratory for Atmospheric Environment and Pollution Control, Positions such as Director of the Air Pollution Control Engineering Research Center at Guangdong University. Mainly engaged in the field of air pollution control, specifically research on emission reduction and control policies for volatile organic compounds (VOCs), Study on the emission characteristics, emission inventory, and reactivity of VOCs.

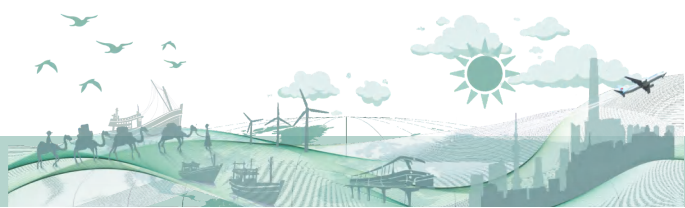


Hanqing YU

Head
Department of Environmental Science and Engineering
University of Science and Technology of China, China

Prof. Yu received his PhD degree from Tongji University in 1994. Later, he had spent seven years as a postdoc or research fellow abroad. In early 2001 he came back to the University of Science & Technology of China (USTC), China, to establish a laboratory of environmental engineering. Since then, his group has focused on biological and physicochemical wastewater treatment. Since 2001, Professor Yu has published over 400 papers in international peer-reviewed journals including Nature Protocols, Nature Communications, Energy and Environmental Science, Environmental Science & Technology, Water Research.

*Alphabetical order by family name



Participants



Honghu ZENG

Dean
College of Environmental Science and Engineering
Guilin university of technology, China

Prof. Zeng graduated from Sichuan University with a bachelor's degree in Water Supply and Drainage Engineering in 1992; Graduated from Guangxi University with a PhD in Chemical Technology in 2008. She is currently the Dean of the School of Environmental Science and Engineering at Guilin University of Technology, Executive Vice Dean of the School of Innovation and Entrepreneurship, and Secretary of the Key Laboratory of Guangxi Environmental Pollution Control Theory and Technology. She also holds (part-time) academic positions as a member of the First Committee of the Water Treatment and Reuse Professional Committee of the Chinese Society of Environmental Sciences, an expert in drinking water source protection in Guangxi Zhuang Autonomous Region, and an expert in the Environmental Emergency Expert Database of the Guilin Environmental Protection Bureau.



Xuxiang ZHANG

Vice Dean
School of Environment
Nanjing University, China

Prof. Zhang is the Deputy Dean of the School of Environment, Nanjing University and the Deputy Director of the State Key Lab of Pollution Control and Resource Reuse. His research is focused on the development of innovative identification and control technologies of health hazards arising from high-risk pollutants in water environments. As the PI, he has undertaken over 20 national or provincial research projects. To date, he has got a total of 154 relevant peer-reviewed papers published in journals indexed in SCI, and 32 invention patents authorized in China, and 18 technical standards released by ISO or China. As the first winner, he won the First-Class Prize of Natural Science Award of the Ministry of Education (China) in 2015, the Second-Class Prize of National Natural Science Award of China in 2016, and the First-Class Prize of Science & Technology Award of Jiangsu Province in 2021.

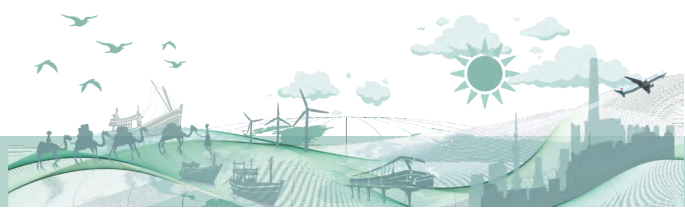


Heping ZHAO

Vice Dean
Department College of Environmental and Resource Sciences
Zhejiang University, China

Prof. Heping ZHAO is the professor of Department College of Environmental and Resource Sciences of Zhejiang university. In 2007, he graduated from the College of Environment and Engineering of Tongji University with a doctorate degree. He worked as a postdoctoral researcher at the Center for Water Technology in Germany between 2007-2010, and at the Center for Environmental Biotechnology at Arizona State University in the US from 2010 to 2011. His research interests are Wastewater Treatment, Environmental Biotechnology and Waste Recycle Technology. He is the Member of Chinese Chemical Society, Chinese Society of Environmental Sciences and Chinese Society of Microbiology and Member of International Water Association (IWA) and IWA China Youth Professional Committee.

*Alphabetical order by family name



Participants



Dandan ZHOU

Dean
School of Energy and Environment
Northeast Normal University, China

Prof. Zhou is a Ph.D. supervisor, and the research leader of biological wastewater treatment and biomass resource utilization in the School of Environment of Northeast Normal University. She is also a member of the International Water Association (IWA), and a member of IWA China Youth Committee. In recent years, she has undertaken a number of national, provincial, and ministerial-level projects such as the National Natural Science Foundation of China (3 projects) and the major projects of the Jilin Provincial Department of Science and Technology. She published nearly 30 papers on the topics of new methods and new technologies for wastewater biological treatment, the biological self-aggregation mechanism in the water treatment process, coupling technology of wastewater treatment, and biomass resource utilization, in Environ. Sci. Technol., Bioresource Technol., Appl. Microbiol. Biotechnol. and other journals.



Lingyan ZHU

Dean
College of Environmental Science and Engineering,
Nankai University, China

Prof. Lingyan Zhu is Distinguished Professor, Doctoral Supervisor, National Outstanding Youth Fund Recipient, State Council Special Governmental Allowance Expert, and Director of the Key Laboratory of Pollution Processes and Environmental Criteria, Ministry of Education. Her research interests include identification of new pollutants, environmental processes and human exposure; pollution control and ecological remediation; environmental behavior of nanomaterials; and nano-photocatalytic oxidation.

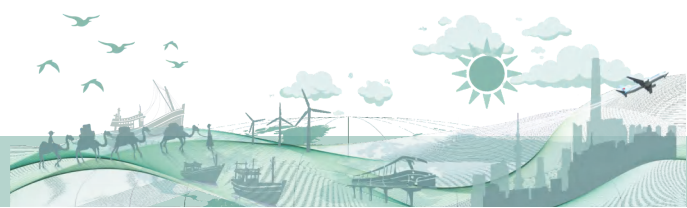


Guangcan ZHU

Vice Dean
School of Energy and Environment
Southeast University, China

Prof. Guangcan Zhu, member of National domestic sewage treatment expert Committee, Special researcher of Rural Revitalization expert Advisory Committee of Agricultural Office of Jiangsu Provincial Party Committee, member of Jiangsu Environmental Management Standardization Technical Committee, etc. The main research interests are low-carbon water treatment and resource utilization, Water quality Safety and New Pollutant Control. Presided over more than 30 national and provincial projects, published more than 130 papers, authorized 21 invention patents, edited and participated in 5 industry and local standards, and won 3 provincial awards for scientific and technological achievements.

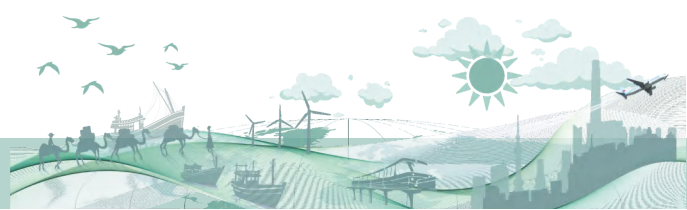
*Alphabetical order by family name



New Members of the Alliance of Environment Deans

Country	University	Faculty/Institute
Argentina	University of Buenos Aires	School of Agriculture
China	Central South University	School of Metallurgy and Environment
China	Guilin university of technology	College of Environmental Science and Engineering
China	Hohai University	College of Environment
China	Shandong University	School of College of Environmental Science and Engineering
China	Sichuan University	School of Architecture and Environment
Hungary	Budapest University of Technology and Economics	Department of Physical Chemistry and Materials Science
Kazakhstan	Al-Farabi Kazakh National University	Faculty of Geography and Environmental Sciences
Lithuania	Kaunas University of Technology	Institute of Environmental Engineering

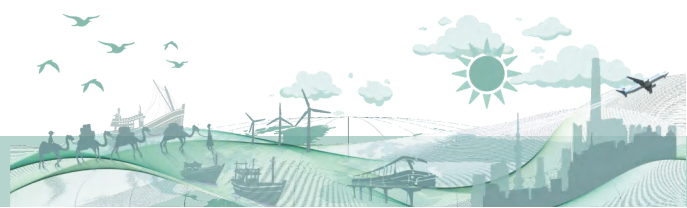
*Alphabetical order by country and university name



New Members of the Alliance of Environment Deans

Country	University	Faculty/Institute
Mexico	National Autonomous University of Mexico	Institute of Engineering
Saudi Arabia	King Abdelaziz University	Center of Excellence in Environmental Studies
Sri Lanka	University of Peradeniya	Department of Environmental and Industrial Sciences
Thailand	Chulalongkorn University	Department of Environmental Engineering

*Alphabetical order by country and university name



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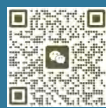
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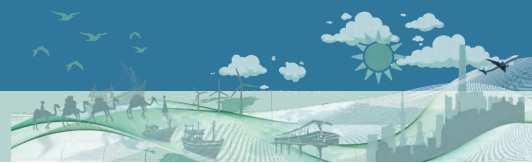


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