



The 6th International Conference on Environment
and Disasters (ICED2022)

第六届环境与灾害国际学术
会议手册
ICED 2022 Conference Program



线上会议

Online Conference

2022年11月17-18日

Nov. 17-18, 2022

<http://iced.ac.cn/en/>

<http://iced.ac.cn/cn/>



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大会简介/ Introduction

旨在汇集领先的学术科学家、研究人员和研究学者，在环境工程和灾害管理的各个方面交流和分享他们的经验和研究成果。它还为研究人员、从业人员和教育工作者提供了一个重要的跨学科平台，以展示和讨论环境工程和灾害管理领域中最创新、趋势和关注点以及遇到的实际挑战和采用的解决方案。由 International Association of Management Science & Engineering Technology (IAMSET 艾慕赛特) 承办的“**第六届环境与灾害国际学术会议**” (The 6th International Conference on Environment and Disasters, 简称 ICED2022) 拟定于 2022 年 11 月 17 日-18 日召开互联网线上会议。

本次大会的议题分别为：

- 议题 1：环境污染与控制
- 议题 2：水文数值模拟和数值模型
- 议题 3：灾害与控制
- 议题 4：气候变化对水文和水资源的影响
- 议题 5：绿色可再生能源
- 议题 6：地理环境
- 议题 7：开发污染物生态分析方法
- 议题 8：环境资源管理
- 议题 9：环境化学与工程……

本次会议广泛诚邀国内外高校、科研机构的知名专家、企业界人士及其他相关领域人员参会交流，提供一个扩大业内影响、提高学术认同、促进学术成果转化及科研交流的合作平台。

In order to bring together leading academic scientists, researchers and research scholars all around the world to exchange and share their experience and research results on all aspects of Environmental Engineering and Disaster Management.

It also aim to provide a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Industrial Engineering and Industrial Management, **The 6th International Conference on Environment and Disasters (ICED2022)**, which is organized by International Association of Management Science & Engineering Technology (IAMSET), will be held on the Internet during Nov. 17-18, 2022.

The highlights are shown as follows:

Topic 1: Environmental pollution and control

Topic 2: Hydrologic numerical simulation and numerical models

Topic 3: Disasters and control

Topic 4: Impacts of climate change on hydrology and water resources 1

Topic 5: Green renewable energy

Topic 6: Geographical environment

Track 7: Development of ecological analysis methods for pollutants

Topic 8: Environmental Resource Management

Track 9: Environmental Chemistry and Engineering

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ICED2022 aims to provide a cooperative platform for researchers, practitioners and educators to exchange and share their research results and frontier technology about Environmental Engineering and Disaster Management with academic scientists, researchers, engineers, academicians as well as industrial professionals from all over the world



组织机构 Organization

- 承办单位
- 国际管理科学与工程协会 (艾慕赛特)
- **Host Organizer**
- International Association of Management Science & Engineering Technology
(IAMSET)



会议信息 Conference Information

- **在线会议测试**

点击链接入会，或添加至会议列表：

<https://meeting.tencent.com/dm/uWhJzQD30aZ6>

会议主题：ICED&ICWRME Conference Test

会议时间：2022/11/17 14:00-18:00 (GMT+08:00)北京时间

#腾讯会议：660-689-794

会议密码：2022

- **Online conference TEST website entrance**

Please download the VoovMeeting application here and sign up an account.

✔ <https://voovmeeting.com/download-center.html?from=1001>

Meeting Topic: ICED&ICWRME Conference Test

Conference Time: 2022/11/17 14:00-18:00 (GMT+08:00) Beijing Time

Conference ID: 660-689-794

Password: 2022



- **在线会议入口**

点击链接入会，或添加至会议列

 <https://meeting.tencent.com/dm/k86gbyesmerl>

会议主题: ICED & ICWRME 2022-Online Conference

会议时间: 2022/11/18 09:00-17:00 (GMT+08:00) 北京时间

#腾讯会议: 372-106-045

会议密码: 2022

复制该信息，打开手机腾讯会议即可参与

- **Online conference website entrance**

Please download the VoovMeeting application here and sign up an account.

 <https://voovmeeting.com/download-center.html?from=1001>

Meeting Topic: ICED & ICWRME 2022-Online Conference

Conference Time: 2022/11/18 09:00-17:00 (GMT+08:00) Beijing Time

Conference ID: 372-106-045

Password: 2022

- 会议主席 **Chairman**



Tao Zhang, Associate Professor, China Agricultural University

An associate professor at the College of Resources and Environment, China Agricultural University, China. He received his Ph.D from Nanjing University, China in 2011. His academic background covers wastewater treatment, waste management, nutrients recovery and recycling, utilization of agricultural waste. He is a member of the Expert Function Research Office of Modern Agricultural Industrial Technology System, Ministry of Agriculture, and a director of the Agricultural Environmental Damage Identification and Assessment Branch of the Chinese Society of Agriculture. In addition, he is also a member of the Water Treatment and Reuse Committee of the Chinese Society of Environmental Sciences and a member of the Circular Economy Committee of the Chinese Society of Environmental Sciences. Tao Zhang has won a number of International Invention Exhibition Awards, academic and teaching awards at both provincial and university levels.

出版主席 Publication Chairman



Xin Fang, Second Institute Of Oceanography, MNR, China

His research interests include: the effects of human activities on Marine ecosystems; Marine ecological restoration. He participated in and was responsible for the following projects: Marine public welfare industry research special; National Natural Science Foundation of China; National Key Research and Development Plan; Special fund for basic scientific research of central public welfare research institutes; Technical Reference Guide for Total Pollutant Control in Key Sea Areas of Hainan Province (Hainan Island), etc. He has published over ten excellent articles, including Environmental Research Letters, Environmental Impact Assessment Review, Journal of Hydrology, Sustainable Cities and Society, Environmental Impact Assessment Review, Journal of Environmental Management etc.



国际期刊 International Journals

ICED 组委会鼓励作者通过提交摘要或全文参加会议。会议接收工业工程与工业管理相关的各领域的高质量研究论文。

会议与知名出版商的国际认证期刊合作，会议参与者有机会在这些期刊上提交他们的完整论文进行在线发表。所有投稿都要进行双盲同行评议，投稿结果将取决于同行评审意见。

建议与会者在决定合适的期刊之前，先阅读期刊的范围和目的。会议遵循普遍接受的出版道德规范。

您所选择的期刊的投稿指南和作者说明将在会后通过电子邮件单独提供。
包括但不限于以下期刊：

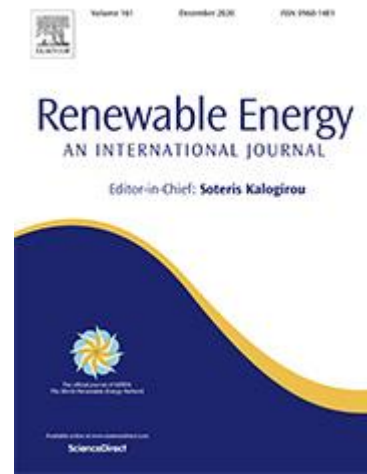
The ICED organizing committee encourages authors to participate in the conference by submitting abstracts or full papers. The conference accepts high quality research papers in all fields related to Industrial Engineering and Industrial Management. We are working with internationally accredited journals from renowned publishers and conference participants are provided with the opportunity to submit their full papers for online (closed access) publication in these journals. All supporting journals are subjecting submissions to the double-blind peer-review process. The decision on publication will depend on the peer-review process. Participants are advised to read the journal's scope and aim before deciding the suitable journal. We follow universally accepted ethics on publication.

Guides on submission and author instructions of your preferred journal will be provided separately via an email after the conference.

Journals include but are not limited to:



Environmental Pollution
Elsevier
IF: 9.988



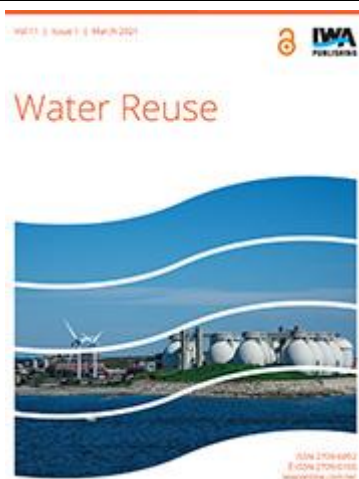
Renewable Energy
Elsevier
IF: 8.634



Environmental Science and Pollution Research
Springer
IF: 5.190



Environmental Technology
Taylor & Francis
IF: 3.475



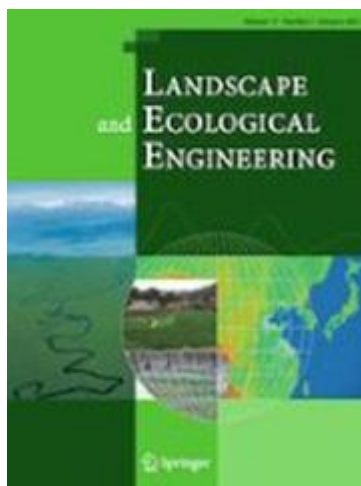
Water Reuse

IWA Publishing
IF: 3.050



Clean Technologies and Environmental Policy

Springer
IF: 4.700



Landscape and Ecological Engineering

Springer
IF: 2.147



Toxicological & Environmental Chemistry

Taylor & Francis
IF: 1.565

主讲嘉宾 Keynote Speaker



Xin Li, Professor, Guangxi University, China

Xin Li, male, Professor of School of Civil and Architectural Engineering, Guangxi University, Dean of Department of Architectural Planning, member of Academic Committee of Computational Design of Architectural Society of China; He is the deputy editor of the Journal of Engineering & Applied Science (EI Indexed), and he is the reviewer of several international journals such as Building & Environment. His research interests include architectural design and its theory, urban design, data-enhanced design, and environmental behavioral psychology. He presided over important research projects of the National Natural Science Foundation of China (NSFC), and served as the communication evaluation expert of the National Natural Science Foundation of China. He has published 50 papers in international SCI/SSCI journals and domestic industry authoritative journals.



Tao Zhang, Associate Professor, China Agricultural University

An associate professor at the College of Resources and Environment, China Agricultural University, China. He received his Ph.D from Nanjing University, China in 2011. His academic background covers wastewater treatment, waste management, nutrients recovery and recycling, utilization of agricultural waste. He is a member of the Expert Function Research Office of Modern Agricultural Industrial Technology System, Ministry of Agriculture, and a director of the Agricultural Environmental Damage Identification and Assessment Branch of the Chinese Society of Agriculture. In addition, he is also a member of the Water Treatment and Reuse Committee of the Chinese Society of Environmental Sciences and a member of the Circular Economy Committee of the Chinese Society of Environmental Sciences. Tao Zhang has

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Hao Lijun, Professor, North China University of Water Resources and Electric Power

Hao Lijun, Professor, Master supervisor of North China University of Water Resources and Electric Power, discipline leader of Landscape architecture, Visiting Scholar of China Scholarship Council (USA), member of Green Building Expert Group of Henan Province, master thesis evaluation expert of Ministry of Education, master thesis evaluation expert of Henan Province, currently engaged in landscape architecture planning and design, water landscape design teaching, research and design. He has presided over and participated in more than 30 National Natural Science Foundation projects and Science and technology Research projects of Henan Province, won more than 10 first prize of Henan Teaching Achievement Award, published more than 30 SCI, SSCI, EI and Chinese core papers, published 4 monographs, and led students to participate in domestic and foreign design professional competitions and won 5 awards.



WOON Kok Sin, Associate Professor, School of Energy and Chemical Engineering, Xiamen University Malaysia, MALAYSIA

With ten years of industry and academic experience, he advocate achieving transformative resilience for climate and environmental sustainability. he is passionate about utilizing systems-analytical approaches on issues related to the environment-economic-social well-being nexus. he has authored 45 articles in international refereed journals (38) and conference proceedings (7) on his research work. Twenty-five articles are published in SCI Q1 journals, including One Earth, Renewable and Sustainable Energy Reviews, Resources, Conservation and Recycling, Journal of Cleaner Production, and Science of the Total Environment. he received ten international and national grants and consultancy works worth more than USD 200,000 between 2019-2022. His research provides multidimensional data-driven insights to policymakers in developing a circular economy policy that can lead to lower climate and environmental impacts, a greener economy, and higher resource efficiency. He is a lead consultant in assessing the carbon emissions and sequestrations of one of the largest shipping ports in Malaysia. Between 2020-2022, he received nine prestigious international awards, including UN Summer Academy and UNFCCC-GIR-CASTT Fellowships, Vebleo Fellow, First-Prize Award Recipient of the Japanese Award for Outstanding

Research on Development by the Global Development Network through the World Bank, Fulbright Young Leader under the U.S.'s government signature program - YSEALI, CrossCulture Programme Fellow by the German Federal Foreign Office, Young Researcher in Waste Management by Venus International Foundation, Best Oral Presentation by ICWM and ICLCA.



Mostafa Naderi, Assistant prof. of Hydrogeology, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran

Mostafa Naderi has his expertise in hydrogeology and climate change. He is a young researcher who has experienced and worked on pumping test analysis, sustainable management and planning of water resources, climate change analysis, quantifying the level of management in water resources and evaluation of impact of climate change on available water and

water security. He has studied the impact of climate change on rivers, wetlands and aquifers in different parts of Iran since 2015. Research Interests: Hydrogeology, Climate change, Sustainable water resources management, Watershed modeling, Pumping test analysis, He has published more than 10 papers. And he is a Certified counselor of committee on water resources research of Zanjan Water; a member of Center for Research in Climate Change and Global Warming (CRCC) in Institute for Advanced Studies in Basic Sciences, Zanjan; a member of Iranian Hydraulic Association...

口头报告 Oral Presentation



Dr. Yang Wu, graduated from Shaanxi Normal University, research field is about environmental energy and earth science, with more than 15 years of university work experience. In the scientific research, has published 16 articles in SCI, CSSCI and other core journals, has undertaken the provincial and ministerial level project, participated in a number of national projects. Has been included in Shaanxi Provincial Environmental Resources and Energy Expert Database expert member , has visited Australia, Singapore, Malaysia and other regions for academic exchanges.

Topic of Oral Presentation: Approaches to Air Pollution Control in UK from New Energy Utilization Perspective



Die Xu

Research interests: Land use, soil pollution, water and soil conservation planning, water and soil pollution.

Topic of Oral Presentation: Pollution characteristic and risk assessment of heavy metals in surface dust of Guizhou, Provincial capital, in China.

Bo Wu

Research interests: Marine Engineering



Topic of Oral Presentation: Ocean Wave Energy Teconology& Its Offshore Utilization



Xuri Zhang

Research interests: Hydrodynamic model

Topic of Oral Presentation: Numerical simulation of nutrients ecological dynamics in weifang sea area



会务联系方式 Contact

Email: admin@iced.ac.cn

ICED Organizing Committee

● 温馨提示 Kindly Reminder

各位参会人员

请发言代表注意自己的发言日期和时间，并提前做好准备。演讲时间 20-30 分钟。提问 5-10 分钟。为防止网络不顺畅，最好录制一份 20-30 分钟的演讲视频备用。

To all Chairs and Speakers

Notification

Duration of each Presentation:

Restricted speaking time: 20- 30 Minutes of Presentation. There will be a Q&A session about 5-10 minutes in the online conference ICED 2022.

In case the network is not very good, we would like that you may record a video of your presentation about 20-30 minutes.



会议日程 Schedule

ICED2022 SCHEDULE			
Date	Project	Beijing Time	
Nov. 17	Conference Test	14:00-18:00	https://voovmeeting.com/download-center.html?from=1001 Conference Topic: ICED&ICWRME Conference Test Conference Time: 2022/11/17 14:00-18:00 (GMT+08:00) Beijing Time Conference ID: 660-689-794 Password: 2022
Nov. 18	Opening Ceremony	09:30-09:35	Moderator: Kristine Guo, Moderator: Hiram He
		09:35-09:40	Prof. Tao Zhang
		09:40-09:45	Dr. Xin Fang
	Keynote Speech	09:40-10:10	Prof. Xin Li
		10:10-10:40	Prof. Tao Zhang
		10:40-11:00	Dr. Xin Fang
		11:00-11:30	Prof. Lijun Hao
		11:30-12:00	Prof. Woon Kok Sin
	MEAL TIME	12:10-14:00	MEAL TIME
	Keynote Speech	14:00-14:20	Dr. Mostafa Naderi
	Oral Presentation	14:20-14:40	Wu Yang
		14:40-15:00	Die Xu
		15:00-15:20	Bo Wu

		15:20-15:40	Xuri Zhang
	Discussion	15:40--	Participant

● 演讲主题 TOPICS

PARTICIPANT	TOPIC
Prof. Xin Li	Towards a Humanized Urban Space
Prof. Tao Zhang	Thermal conversion and modified biochar/hydrochar sorption to enhance phosphorus recovery from animal manure wastewater: microscopic and spectroscopic investigations
Dr. Xin Fang	A spatial model for coastal flood susceptibility assessment using the 2D-SPR method with complex network theory
Prof. Lijun Hao	Evolution of Green Space Based on Remote Sensing Images in Zhengdong New District
Prof. Woon Kok Sin	A multi-objective optimization model for waste-to-resources symbiosis network development
Dr. Mostafa Naderi	On the assessment of management level in water resources
Wu Yang	Approaches to Air Pollution Control in UK from New Energy Utilization Perspective
Die Xu	Pollution characteristic and risk assessment of heavy metals in surface dust of Guizhou, Provincial capital, in China
Bo Wu	Ocean Wave Energy Technology & Its Offshore Utilization
Xuri Zhang	Numerical simulation of nutrients ecological dynamics in weifang sea area



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