



International Conference on  
Energy, Resources, Environment  
and Sustainable Development



中国矿业大学  
CHINA UNIVERSITY OF MINING AND TECHNOLOGY

# The 10th International Conference on Energy, Resources, Environment and Sustainable Development (ERESD 2024)

May 29-June 1, 2024

## Second Announcement

The 10th International Conference on Energy, Resources, Environment and Sustainable Development (ERESD 2024), hosted by China University of Mining and Technology (CUMT), is scheduled to be held from May 29 to June 1, 2024 at Sheraton Xuzhou, Jiangsu, China. We sincerely invite domestic and foreign experts, scholars, and representatives from enterprises and government to attend this conference and share the latest research progress, opportunities and challenges in the related fields. Your presence will make the conference remarkably successful!

**Conference Theme:** Promoting Global Green Energy Transformation and Advancing Industrial Upgrading and Sustainable Development

**Hosted by:** China University of Mining and Technology

**Co-organized by:** The University of Queensland (Australia), University of Wollongong (Australia), Quang Ninh University of Industry (Vietnam), University of Pembangunan National Veteran Yogyakarta (Indonesia), TFH Georg Agricola University (Germany), The AGH University of Krakow (Poland)

**Supported by:** International Competence Center for Mining-Engineering Education under

the Auspices of UNESCO, China Coal Society, *International Journal of Mining Science and Technology*, *Deep Underground Science and Technology*, International Higher Education Alliance for Mining, Energy and Environment.

## I. Conference Schedule

**Form of Conference:** On site

**Conference Schedule:** May 29 - June 1, 2024

**Conference Venue:** Sheraton Xuzhou, Jiangsu, China

<b>Dates</b>	<b>Schedule</b>
<b>May 29</b> (Wednesday)	Full day: Registration, Exhibition
<b>May 30</b> (Thursday)	Morning: Opening Ceremony, Plenary Session, Exhibition Afternoon: Parallel Sessions, Poster Sessions Evening: Parallel Sessions
<b>May 31</b> (Friday)	Morning: Plenary Session Afternoon: Parallel Sessions Evening: Awards Dinner
<b>June 1</b> (Saturday)	Morning: Technical Tour Afternoon: Departure

## II. Conference Organizations

### 1. Chairman

Xuefeng SONG      President and Professor of China University of Mining and  
Technology

### 2. Academic Committee

Qihu QIAN                   Academician of Chinese Academy of Engineering

Liang YUAN                 Academician of Chinese Academy of Engineering, President of Anhui University of Science and Technology

Weicheng FAN             Academician of Chinese Academy of Engineering, Dean of Institute for Public Safety of Tsinghua University

Yuemin ZHAO             Academician of Chinese Academy of Engineering, Director of the Academic Council of China University of Mining and Technology

Derek Elsworth            Foreign Academician of Chinese Academy of Engineering, Fellow of the US National Academy of Engineering, Professor of Pennsylvania State University, USA

Ru'an CHI                 Foreign Academician of Russian Academy of Engineering, Director of Hubei Three Gorges Laboratory, Professor of Wuhan Institute of Technology

Zhonglin WANG           Foreign Academician of Chinese Academy of Engineering, Academician of European Academy of Sciences, Hightower Chair in Materials Science and Engineering and Regents' Professor of Georgia Institute of Technology, Director of Beijing Institute of Nanoenergy and Nanosystems of Chinese Academy of Sciences, Dean and Chair Professor of School of Nanoscience and Technology, University of Chinese Academy of Sciences

Evgeny Levashov         Academician of Russian Academy of Natural Sciences, Professor of Russian National University of Science and Technology

Panos Nasiopoulos        Fellow of the Canadian Academy of Engineering, Fellow of the Institute of Electrical and Electronics Engineers (IEEE)

Tsubaki Noritatsu        Fellow of the Engineering Academy of Japan, Professor of the University of Toyama, Japan

Yaolin LIU                 Academician of International Eurasian Academy of Sciences, President of Duke Kunshan University, Professor of Wuhan University

Bernhard Müller      Academician of German Academy of Science and Engineering,  
Professor of China University of Mining and Technology

Shaoxian SONG      Academician of Mexican Academy of Sciences, Professor of  
Wuhan University of Technology

Qingxia LIU      Fellow of Canadian Academy of Engineering, Dean and Professor  
of Julong College of Shenzhen University of Science and  
Technology

Farid Akhtar      Professor of Luleå University of Technology, Sweden

Yuyou LI      Professor of Tohoku University, Japan

Hakan Basarir      Professor of Norwegian University of Science and Technology,  
Norway

Pengzhu WANG      Chief R&D Expert of Global Technology Center of Bridon-Bekaert  
The Ropes Group, UK, Distinguished Professor of China  
University of Mining and Technology

Guowei MA      Vice President and Professor of Hebei University of Technology

Jihong YE      Vice President and Professor of China University of Mining and  
Technology

Bangzhu ZHU      Dean and Professor of School of Business, Guangxi University

Rui XIE      Deputy Dean and Professor of School of Economics and Trade,  
Hunan University

Changbin  
ZHANG      Researcher of Research Center for Eco-Environmental Sciences,  
Chinese Academy of Sciences

Rong CHEN      Professor of School of Environmental and Municipal Engineering,  
Xi'an University of Architecture and Technology

Hong YAO      Professor of Huazhong University of Science and Technology

Longxi LI      Professor of China University of Geosciences

Yang JU Deputy Director and Professor of National Key Laboratory of Fine Exploration and Intelligent Development of Coal, China University of Mining and Technology (Beijing)

Xinyu WANG Director of Library and Professor of China University of Mining and Technology

Cheng ZHAI Dean and Professor of School of Safety Engineering, China University of Mining and Technology

Zhenqi HU Professor of China University of Mining and Technology

Qiyang FENG Professor of China University of Mining and Technology

Feng DONG Professor of China University of Mining and Technology

### **3. Organizing Committee**

#### **Chair of Organizing Committee:**

Zhengfu BIAN Vice President and Professor of China University of Mining and Technology

#### **Member of Organizing Committee:**

Feng LIU Vice President of China National Coal Association, Chairman and Researcher of China Coal Society

Yanli HUANG Dean and Professor of School of Mines, China University of Mining and Technology

Wenping LI Dean and Professor of School of Resources and Geoscience, China University of Mining and Technology

Ting Ren Professor of University of Wollongong, Australia

Shugang LI Professor of Xi'an University of Science and Technology

Enyuan WANG Professor of School of Safety Engineering, China University of Mining and Technology

Jun YAO Deputy Dean and Professor of School of Architecture and Design,  
China University of Mining and Technology

Shuchen LI Dean and Professor of School of Mechanics and Civil Engineering,  
China University of Mining and Technology

Liyuan YU Deputy Director of National Key Laboratory of Intelligent  
Construction and Healthy Operation and Maintenance of Deep  
Earth Engineering, China University of Mining and Technology

Daqing ZHANG Professor of Peking University

Zhongbin WANG Dean and Professor of School of Mechanical and Electrical  
Engineering, China University of Mining and Technology

Xuesong WANG Dean and Professor of School of Information and Control  
Engineering, China University of Mining and Technology

Yong ZHOU Dean and Professor of School of Computer Science and  
Technology, China University of Mining and Technology

Kunlei LIU Professor of University of Kentucky, USA

Rui XIAO Dean and Professor of School of Energy and Environment,  
Southeast University

Huaichun ZHOU Dean and Professor of School of Low-Carbon Energy and Power  
Engineering, China University of Mining and Technology

Rui LIANG Professor of School of Electrical Engineering, China University of  
Mining and Technology

Haijun ZHANG Dean and Professor of School of Chemical Engineering and  
Technology, China University of Mining and Technology

Runliang ZHU Professor of Guangzhou Institute of Geochemistry, Chinese  
Academy of Sciences

Peizhong FENG Dean and Professor of School of Materials and Physics, China  
University of Mining and Technology

Gerald Z. Lan Professor of Arizona State University, USA

Xiaolin XU Distinguished Professor of College of Public Administration and Law, Hunan Agricultural University

Yibao WANG Dean and Professor of School of Public Policy and Management (School of Emergency Management), China University of Mining and Technology

Jiang CHANG Professor of School of Architecture and Design, China University of Mining and Technology

Shilei ZHAI Deputy Dean and Professor of School of Foreign Studies, China University of Mining and Technology

Martin Elsner Professor of Technical University of Munich, Germany

Min YANG Director and Researcher of Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences

Nanshan ZHENG Dean and Professor of School of Environment and Spatial Informatics, China University of Mining and Technology

Xunpeng SHI Professor of the University of Technology Sydney, Chairman of the International Society for Energy Transition Studies

Huiming ZHANG Professor of Nanjing University of Information Science and Technology

Zhihua DING Dean and Professor of School of Economics and Management, China University of Mining and Technology

Zhenkang ZHANG Director of International Office of China University of Mining and Technology

Jincai RAN Dean of Institute of Science and Technology, China University of Mining and Technology

Xiaodong ZHONG Director of Department for Foreign Cooperation and Development, China University of Mining and Technology

Jingfeng HE Director of Journal Center of China University of Mining and Technology

Ting LI Deputy Dean of Institute of Science and Technology of China University of Mining and Technology

Liang CHEN Deputy Director of International Office of China University of Mining and Technology

### III. Session Chairs

No.	Sessions	Session Chairs		
1	Resource Development and Utilization	Yanli HUANG	Yang JU	Hakan Basarir
2	Safety Engineering and Occupational Health	Enyuan WANG	Shugang LI	Ting Ren
3	Deep Underground Engineering and Energy Utilization	Shuchen LI	Guowei MA	Derek Elsworth
4	Intelligent Equipment Technology	Zhongbin WANG	Daqing ZHANG	Panos Nasiopoulos
5	Smart Energy and Clean Power Technology	Huaichun ZHOU	Rui XIAO	Kunlei Liu
6	Clean Processing, Conversion and Utilization of Energy Resources	Haijun ZHANG	Qingxia LIU	Tsubaki Noritatsu
7	Minerals and Advanced Energy Materials	Peizhong FENG	Runliang ZHU	Zhonglin WANG
8	Resource & Energy Security and Emergency Management	Yibao WANG	Xiaolin XU	Zhiyong LAN
9	Environmental Pollution Control and Ecological Restoration	Nanshan ZHENG	Min YANG	Martin Elsner
10	Green Energy Transformation and Sustainable Development	Zhihua DING	Huiming ZHANG	Xunpeng SHI

## IV. Important dates

**Abstract submission deadline:** March 15, 2024

**Paper submission deadline:** March 30, 2024

**Conference dates:** May 29-June 1, 2024

## V. Registration

Please register through the official website of the conference: [www.eresd.cn](http://www.eresd.cn).

Accommodations will be arranged at your own expense. Student representatives are required to provide relevant documents during registration.

The registration fee rates are as follows:

Types	On-site Participation	
	Early Bird Registration (by April 15)	Standard Registration
General Participants	CNY 2500	CNY 3000
Student Participants	CNY 1200	CNY 1500

**The registered participants enjoy:**

- (1) Conference proceedings and access to all parallel sessions;
- (2) Catering service, banquet and technical tour;
- (3) Download access to the conference materials.

## VI. Conference Cooperation

The conference will provide a variety of publicity and cooperation opportunities, such as title sponsorship, technical exhibitions and advertising inserts in conference manuals, etc., to build a platform for enterprises and institutions to publicize and present new technologies, products and achievements, promote exchanges and cooperation, and create business opportunities for enterprises. We look forward to your participation. Please

contact our staff for more details.

Issues	Contacts	
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China University of Mining and Technology

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