



The 9th International Conference on Energy, Resources, Environment and Sustainable Development (ERESD 2022)

May 26-27, 2022

Second Announcement

Hosted by the China University of Mining and Technology (CUMT), the 9th International Conference on Energy, Resources, Environment and Sustainable Development (ERESD 2022) will be held virtually on May 26-27, 2022. It is an event focusing on the latest research developments in the fields of energy, resources, environment and sustainable development as well as the opportunities and challenges we face today. It aims to provide a unique forum for in-depth exchanges among all participants from industry, government and academia throughout the world. We are looking forward to your participation and contributions. Your presence will make this conference remarkably successful!

I. General Information

- Conference Theme: Energy, Resources, Environment and Sustainable Development in the Context of Carbon Peaking and Carbon Neutrality
- **Hosted by:** China University of Mining and Technology

- Co-hosted by: China National Coal Group Corporation
- Co-organized by: University of Kentucky (USA), West Virginia University (USA), University of Wollongong (Australia), Saint Petersburg Mining University (Russia), AGH University of Science and Technology (Poland), RWTH Aachen University (Germany), TFH Georg Agricola University (Germany), Quang Ninh University of Industry (Vietnam), University of Pembangunan National Veteran Yogyakarta (Indonesia), Catholic University of Salta (Argentina), Lappeenranta University of Technology (Finland)
- Supported by: International Competence Center for Mining-Engineering Education
 under the Auspices of UNESCO, China Coal Society, International Green Building
 Alliance, International Journal of Mining Science and Technology, International
 Higher Education Alliance for Mining, Energy and Environment

• Form of Conference: Online

• Conference Schedule: May 26-27, 2022

Dates	Schedule	
May 26	Morning: Opening Ceremony,	
(Thursday)	Plenary Session	
(Thursday)	Afternoon: Technical Sessions	
May 27	Morning: Technical Sessions	
(Friday)	Afternoon: Technical Sessions,	
.= ====,	Closing Ceremony	

Note: Poster sessions and technical visits will be conducted online.

II. Conference Organizations

• Chairman

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

• Academic Committee

QIAN Minggao	Academician of the Chinese Academy of Engineering, Professor of China University of Mining and Technology			
C.C. Chan	Academician of the Chinese Academy of Engineering, Fellow of the Royal Academy of Engineering, U.K.			
QIAN Yitai	Academician of the Chinese Academy of Engineering, Professor of University of Science and Technology of China			
ZHOU Shining	Academician of the Chinese Academy of Engineering, Professor of China University of Mining and Technology			
XIE Heping	Academician of the Chinese Academy of Engineering, Former President of Sichuan University			
SUN Chuanyao	Academician of the Chinese Academy of engineering, Chief Scientist of BGRIMM Technology Group			
PENG Suping	Academician of the Chinese Academy of Engineering, Professor of China University of Mining and Technology (Beijing)			
LIU Jiongtian	Academician of the Chinese Academy of Engineering, President of Zhengzhou University			
YUAN Liang	Academician of the Chinese Academy of Engineering, President of Anhui University of Science & Technology			
QIU Guanzhou	Academician of the Chinese Academy of Engineering, Professor of Central South University			
MIAO Changwen	Academician of the Chinese Academy of Engineering, Chairman of International Green Building Alliance, Professor of Southeast University			
CAI Meifeng	Academician of the Chinese Academy of Engineering, Professor of University of Science and Technology Beijing			
HE Manchao Academician of the Chinese Academy of Engineering, Pr China University of Mining and Technology, Beijing				
GU Dazhao	Academician of the Chinese Academy of Engineering, Director of State Key Laboratory of Water Resources Protection and Utilization of Coal Mining			
KANG Hongpu	Academician of the Chinese Academy of Engineering, Chief Scientist of China Coal Technology & Engineering Group			
LIU Zhongmin	Academician of the Chinese Academy of Engineering, Director of Dalian Institute of Chemical Physics, Chinese Academy of Science			
WU Qiang	Academician of the Chinese Academy of Engineering, Professor of China University of Mining and Technology (Beijing)			
HUANG Xiaowei	Academician of the Chinese Academy of Engineering, Chief Scientist of GRINM Group Corporation Limited			

NIE Zuoren	Academician of the Chinese Academy of Engineering, President of Beijing University of Technology
WANG Guofa	Academician of the Chinese Academy of Engineering, Chief Scientist of China Coal Technology & Engineering Group
CHAI Liyuan	Academician of the Chinese Academy of Engineering, Dean of School of Metallurgy and Environment, Central South University
FENG Xiating	Academician of the Chinese Academy of Engineering, President of Northeast University
LI Shucai	Academician of the Chinese Academy of Engineering, Vice President of Shandong University
PENG Shou	Academician of the Chinese Academy of Engineering, Chairman of Triumph Science & Technology Group, Dean of Bengbu Glass Industry Design and Research Institute of China Building Materials
GE Shirong	Academician of the Chinese Academy of Engineering, President of China University of Mining and Technology (Beijing)
JIANG Tao	Academician of the Chinese Academy of Engineering, Professor of Central South University
SHEN Zhengchang	Academician of the Chinese Academy of Engineering, Chief Scientist of BGRIMM Technology Group
ZHU Jingxu	Academician of the Royal Canadian Academy of Sciences, Academician of the Academy of Engineering, Professor of the University of Western Ontario, Canada, Director of the National Particle Technology Research Center of Canada
ZHANG Jiujun	Academician of the Royal Canadian Academy of Sciences, Academician of the Canadian Academy of Engineering, Dean of the Institute of Sustainable Energy of Shanghai University
Jan Cilliers	Fellow of the UK Royal Academy of Engineering, Professor of Imperial College London
Evgeny Levashov	Full Member of the Russian Academy of Natural Science, Professor of National University of Science and Technology "MISIS", Russia
Jerzy Lis	Member of the Polish Academy of Sciences, Rector and Professor of AGH University of Science and Technology, Poland
Ranjith P.G.	Academician of the Australian Academy of Technical Sciences and Engineering, Professor of Monash University
ZHOU Yingxin	Academician of Singapore Academy of Engineering

LEUNG Chun Fai	ademician of Singapore Academy of Engineering, Professor of tional University of Singapore				
JIANG Yujing	Foreign Academician of the Japanese Academy of Engineering, Professor of Nagasaki University, Japan				
LV Ming	Academician of the Norwegian Academy of Technological Sciences				
Bernhard Müller	Member of the German National Academy of Science and Engineering; Professor of Technical University of Dresden (TU Dresden), Germany				
V.S. Litvinenko	Rector and Professor of Saint Petersburg Mining University, Russia				
LIU Yong	Member of the Standing Committee of the Party Committee and Deputy General Manager of China National Coal Group Corporation, Member of the Party Committee of China Coal Energy Co., Ltd.				
WANG Jiachen	Vice President of China University of Mining and Technology (Beijing)				
ZHAO Yuemin	Former Vice President and Director of Academic Committee of China University of Mining and Technology				
WANG Deming	Professor of China University of Mining and Technology				
TU Shihao	Professor of China University of Mining and Technology				
YUAN Xibo	Professor of China University of Mining and Technology				
Branko Matovic	President of the Serbian Society for Ceramic Materials, Professor of University Belgrade, Serbia				
ONURALP YÜCEL	Professor of Istanbul Technical University, Turkey				

• Chair of Organizing Committee

Sergey A.

Grinshpun

Tomasz Czujko

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

University of Cincinnati, USA

Director of Research Center for Health Related Aerosols Study,

Professor of Military University of Technology, Poland

ZHOU Fubao Professor and Vice President of China University of Mining and Technology

• Member of Organizing Committee

LIU Feng	Chairman of China Coal Society, Vice President of China National Coal Association, professor-level senior engineer			
XUE Yong	Academician of the International Eurasian Academy of Sciences, Professor of China University of Mining and Technology			
MA Shizhi	Chief Engineer of China National Coal Group Corporation			
GUO Hua	Dean of the Commonwealth Scientific and Industrial Research Organization, Australia			
ZHANG Kefei	Professor of China University of Mining and Technology			
LIU Guijian	Professor of University of Science and Technology of China			
Fred Cawood	Professor and Director of Wits Mining Institute, University of the Witwatersrand, South Africa			
LI Quansheng	Director of Science and Technology Department, China Energy Investment Group, Professor Level Senior Engineer			
REN Tingxiang Professor of University of Wollongong, Australia				
Serkan Saydam	Professor of the University of New South Wales, Australia			
TAO Xianping	Professor of Nanjing University, China			
CHEN Zhijie	Professor of National Taiwan University, China			
Wendy Timms	Professor of Monash University, Australia			
Derek Elsworth	Member of National Academy of Engineering, Professor of the Pennsylvania State University, USA			
Spearing Anthony John Spencer	Professor of China University of Mining and Technology			
ZHANG Jixiong	Professor of China University of Mining and Technology			
LI Wenping	Professor of China University of Mining and Technology			

LI Jianwei	Professor of China University of Geosciences (Wuhan)		
Eduardo Córdova Vergara	Professor of Pontifical Catholic University of Chile, Chile		
Jerôme Fortin	CNRS Senior researcher at ENS Paris (PSL University); Adjunct Professor at Ecole Polytechnique, France		
HU Zhenqi	Professor of China University of Mining and Technology		
ZHOU Qixing	Professor of Nankai University		
Huang, Guohe	Fellow of the Canadian Academy of Engineering, Professor of University of Regina, Canada		
WANG Xinyu	Professor of China University of Mining and Technology		
CHANG Jiang	Professor of China University of Mining and Technology		
SHI Minjun	Professor of Zhejiang University		
LIU Gang	Professor of University of Southern Denmark, Denmark		
ZHOU Huaichun	Professor of China University of Mining and Technology		
XIAO Rui	Professor of Southeast University		
LIU Kunlei	Professor and Associate Director of Center for Applied Energy Research, University of Kentucky, USA		
ZHOU Gongbo	Professor of China University of Mining and Technology		
XIA Yuanqing	Professor of Beijing Institute of Technology		
Dan ZHANG	Fellow of the Canadian Academy of Engineering, Professor of York University, Canada		
WANG Enyuan	Professor of Beijing Institute of Technology		
NIE Baisheng	Professor of Chongqing University		
Steven Schatzel	Chief Scientist of the National Institute for Occupational Safety and Health, USA		
FENG Peizhong	Professor of China University of Mining and Technology		

YANG Huaming	Professor of Central South University		
Farid AKHTAR	Professor of Lulea University of Technology, Sweden		
Hermenegildo García	Professor of Polytechnic University of Valencia, Spain		
WANG Yibao	Professor of China University of Mining and Technology		
XU Xiaolin	Professor of Huazhong University of Science and Technology		
Gerald Z Lan	Professor of Arizona State University, USA		
ZHANG Haijun	Professor of China University of Mining and Technology		
LIU Qingxia	Academician of the Canadian Academy of Engineering, Dean of the School of Innovation and Entrepreneurship of Shenzhen University of Technology		
Yuqing FENG	Professor of the Commonwealth Scientific and Industrial Research Organization, Australia		
MA Zhanguo	Professor of China University of Mining and Technology		
Yang Shengqi	Professor of China University of Mining and Technology		
ZHOU Xiaoping	Professor of Wuhan University		
Wei WU	Assistant Professor of Nanyang Technological University, Singapore		
SUN Liang	Professor of China University of Mining and Technology		
ZHANG Yun	Researcher Level Senior Engineer of Jiangsu Provincial Department of Housing and Urban Rural Development		
Yupeng WU	Professor of University of Nottingham, UK		

III. Session Chairs

Session Topics		Session Co-Chairs		
1	Resource Development	ZHANG Jixiong,	LI Jianwei	Eduardo Có
1	and Utilization	Spearing Anthony	Li Jianwei	rdovaVergara,

		John Spencer		Jero^me Fortin
2	Environmental Science and Engineering	HU Zhenqi	ZHOU Qixing	Huang,Guohe
3	Energy and Sustainable Green Development	WANG Xinyu, CHANG Jiang	SHI Minjun	LIU Gang、 Bernhard Müller
4	Energy Science and Technology	ZHOU Huaichun	XIAO Rui	LIU Kunlei
5	Intelligent Equipment and Technology	ZHOU Gongbo	XIA Yuanqing	Dan ZHANG
6	Occupational Safety and Health	WANG Enyuan	NIE Baisheng	Steven Schatzel
7	Mineral Materials and Advanced Energy Materials	FENG Peizhong	YANG Huaming	Farid AKHTAR, Hermenegildo García
8	Public Security and Emergency Management	WANG Yibao	XU Xiaolin	Gerald Z Lan
9	Clean Processing and Conversion of Energy Resources	ZHANG Haijun	LIU Qingxia	Yuqing FENG
10	Resource Development and Utilization of Underground Space	YANG Shengqi LI Xiaozhao	ZHOU Xiaoping	Ranjith P.G, Wei WU
11	Green and Low-carbon Technology for Urban and Rural Construction	SUN Liang	ZHANG Yun	Yupeng WU

IV. Important dates

Abstract submission deadline: February 15, 2022 (Closed)

Paper submission deadline: March 15, 2022 (Closed)

Early bird registration deadline: May 10, 2022

Conference dates: May 26-27, 2022

V. Registration and Payment

• Participation and Registration

Given the current situation of the COVID-19 pandemic and travel restrictions in place here in China, all participants will have to attend the conference virtually and pay registration fee at online rate on the conference official website. Credentials will be required for student participants upon their online registration.

	The Chinese Mainland		Other Countries & Hong Kong, Macao and Taiwan Regions of China	
	General Representatives	Student Representatives	General Representatives	Student Representatives
Early bird registration Before May 10,2022	¥500 (Online)	¥ 500 (Online)	¥500 (Online)	Y 500 (Online)
Regular Registration	¥1000 (Online)	¥ 500 (Online)	¥1000 (Online)	Y 500 (Online)

Notice

- (1) Both registration and payment should be done on the conference official website. Please follow the website guidance to complete registration, payment, as well as electronic invoice application procedure.
- (2) The conference official website is the only platform for online payment of registration fee. Please do not hesitate to contact our staff for all queries .
- (3) Up to the 10 May,2022 (inclusive), for the representatives who had paid in excess of the preferential rate, the conference will progress with refunding after the conference.

Detailed information about the conference will be published on the official website:

www.eresd.cn

China University of Mining and Technology

May 1, 2022