

International Conference on Energy, Resources, Environment and Sustainable Development (ERESD2019)

May 31- June 3, 2019

Xuzhou, China

Preliminary Announcement

International Conference on Energy, Resources, Environment and Sustainable Development (ERESD2019) will be held on May 31- June 3, 2019 at Crowne Plaza Xuzhou Dalong Lake, China. This conference is initiated by China University of Mining and Technology (CUMT) in partnership with China Coal Society (CCS) and International Higher Education Alliance for Mining, Energy and Environment (MEE). It is an event focusing on all aspects of energy, resources, environment and sustainable development. It aims to provide a unique forum for in-depth exchange of technical information and policy issues among all participants from industry, government and academia throughout the world. The ERESD committees kindly invite you to submit papers and attend this important event in Xuzhou.

1. Initiators and Hosts

Initiators: China University of Mining and Technology

China Coal Society

International Higher Education Alliance for Mining, Energy and Environment

Hosts: China University of Mining and Technology

China Coal Society

2. Time and Venue

Time: May 31-June 1, 2019 Registration

June 1, 2019 Technical Tour

June 2-3, 2019 Conference

Venue: Crowne Plaza Xuzhou Dalong Lake

3. Program Topics

- (1) Energy Science and Technology
- (2) Resources Development and Utilization
- (3) Environmental Science and Engineering
- (4) Sustainable Energy and Green Development
- (5) Intelligent Equipment and Technology
- (6) Occupational Health and Safety

4. Call for Papers

The conference calls for papers reflecting the latest research and application results in related fields concerning our major topics, including but not limited to:

4.1 Energy Science and Technology

- (1) Battery Materials
- (2) Space Metallurgy and Space Energy
- (3) Advanced Coal and Carbon Materials
- (4) Energy Storage, Energy Conservation and Environmental Materials
- (5) Emission Reduction and Resources Utilization of Greenhouse Gases
- (6) Clean and Efficient Combustion Technology of Fossil Energy
- (7) Development and Utilization Technology for New Energy and Renewable Energy
- (8) Fluid Science and Utilization Technology
- (9) Heat and Mass Transfer and Energy Storage Technology
- (10) Energy Management and Vehicle Networking Technology of New Energy Vehicle

4.2 Resources Development and Utilization

- (1) Intelligent Mining
- (2) Eco-environmental Protective Mining
- (3) New Theory and New Technology of Deep Resources Exploitation
- (4) Prevention and Control of Mine Power Disaster
- (5) Exploitation of Associated Mineral Resources of Coal Measures
- (6) Mining System Engineering
- (7) Coal-bed Gas Geology

- (8) Shale Gas Geology
- (9) Key Elements in Coal
- (10) Coal Processing and Clean Conversion
- (11) Exploitation and Utilization of Abandoned Mine Resources

4.3 Environmental Science and Engineering

- (1) Water Environment Chemistry and Mine Water Treatment and Utilization
- (2) Environmental Planning and Assessment
- (3) Land Reclamation and Ecological Restoration
- (4) Evaluation and Function Improvement of Ecological Fragile Area
- (5) Environmental Geographic Information and Environmental Remote Sensing
- (6) Sustainable Development and Utilization of Land Resources
- (7) Transformation and Development of Old Industrial Base

4.4 Sustainable Energy and Green Development

- (1) Green Safety Management
- (2) Development and Management of Energy Industry
- (3) Energy and Environmental Finance
- (4) Green Energy Consumption and Sustainable Development
- (5) Ecological Civilization and Low Carbon Economy
- (6) Transformation and Sustainable Development of Resource-based Cities
- (7) Protection and Utilization of Industrial Cultural Heritage
- (8) Research on Sustainable Design
- (9) Public Safety and Urban Governance

4.5 Intelligent Equipment and Technology

- (1) Mine Intelligent Mining Equipment
- (2) Efficiency Lifting of Mine Transport Equipment
- (3) Transmission and Control of Heavy Machinery Equipment
- (4) Special Environmental Robots
- (5) Mine Communication and Network
- (6) Mine Intelligent Control System
- (7) Mine Cloud Computing

- (8) Mine Big Data Analysis
- (9) Theory and Application of Mine Software
- (10) New Technology of Power Electronics and Electric Power Transmission
- (11) Theory and Application of Smart Grid

4.6 Occupational Health and Safety

- (1) Industrial Ventilation
- (2) Analysis and Control of Aerosol/Dust
- (3) Respiratory Protection
- (4) Noise and Vibration
- (5) Mine Thermal Threat and Cooling
- (6) Mine Safety
- (7) Occupational Human Factors Ergonomics Engineering
- (8) Occupational Health and Occupational Diseases
- (9) Occupational Health and Safety Management and Policy
- (10) Thinking Method of Health Design

● Abstracts and Papers Submission

Abstracts and papers shall be submitted in the form of Microsoft Word attachments through the conference website. The purpose, methods, result and conclusion shall be included in the abstract with around 200 words. Detailed requirements for abstracts and papers are available on the conference website. The official language for this conference is English.

● Publication of Papers

Papers accepted by the Conference will be compiled into the conference proceedings for official publication. Outstanding papers will be recommended to the *International Journal of Mining Science and Technology* (Indexed in ESCI, EiCompendex, Scopus, etc.) for publication after approval.

5. Important Dates

Abstracts due	March 1, 2019
Papers due	April 10, 2019
Notification of acceptance due	May 1, 2019

6. Conference Registration

Please register on-line through the conference website.

The registration fees are as follows:

	Early Bird Registration (On or before May 15, 2019)	Regular and On-site Registration (After May 15, 2019)
General Representatives	US\$ 380	US\$ 450
Student Representatives	US\$ 180	US\$ 220
Note: Registration fee includes food and beverage during the conference, but accommodation is not included.		

7. Accommodation

Venue: Crowne Plaza Xuzhou Dalong Lake

Address: No. 58 Pengzu Avenue, Xuzhou , Jiangsu Province, PR China, 221018

Reservation: <https://www.ihg.com>

Telephone: 400 830 2360

Front Desk: 86-516-83289999

Please arrange your accommodation before you come.

8. Conference Website and Contacts

For details and latest news of the Conference, Please visit: www.eresd2019.com

For paper submission, please contact Ms.ZHANG Guifen

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China University of Mining and Technology

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