



energies



an Open Access Journal by MDPI

Advanced Technologies for Energy Exploitation of Coals

Guest Editors:

Dr. Manoj Khandelwal

Institute of Innovation, Science
and Sustainability, Federation
University Australia, Ballarat, VIC
3350, Australia

**Prof. Dr. Pathegama Gamage
Ranjith**

Deep Earth Energy Laboratory,
Department of Civil Engineering,
Monash University, Melbourne,
Australia

Deadline for manuscript
submissions:

closed (28 April 2020)

Message from the Guest Editors

Energy, water, and food are three major elements to ensure human existence. Coal is definitely an indispensable source of energy necessary for the techno-economic progress of any country. The burning of coal releases numerous nitrous, carbon and sulphur oxides vis-à-vis organic and inorganic compounds, which are hazardous for the environment. It is a fact that these emissions result in air contamination, including climate change and local acid rain problems. Coal has been widely studied by various researchers to explore the possibilities of economical and environmental friendly energy sources, and viable metals. Coal has also been used comprehensively to fabricate new nanomaterials in laboratories, as well as waste treatment and clean-coal technologies. So, this Special Issue aims to encourage researchers to address the technological advancements that have led to more efficient combustion of coal with reduced emissions of sulfur, carbon and nitrogen oxide. We are looking for contributions in the following areas: 1. Coal as sustainable energy sources; 2. Underground coal gasification; 3. Advanced coal mining technology.



mdpi.com/si/24771

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://x.com/energies_mdpi)