Special Issue

Geomechanics for Energy and a Sustainable Environment

Message from the Guest Editors

With carbon-based resources facing depletion and concerns about climate change, energy geotechnology must play a key role in the development of a sustainable energy scheme involving energy resources, such as natural carbohydrates, nuclear energy, and renewable sources (wind, solar, geothermal, hydropower, biofuels, and tidal and wave energy), but it must not be restricted. Moreover, geotechnical engineering is required to provide new techniques to preserve the environment from a sustainability perspective, including CO2 emission and energy-related wastes reduction, as well as the introduction of new, environmentally-friendly, and low-carbon emitting materials for geotechnical engineering practices.

The Special Issue welcomes contributions to resolve energy and environment-related geotechnical engineering issues from fundamental research to practical implementation scales. The aim of this Special Issue is to provide a source of ***Geomechanics for Energy and a Sustainable Environment*** that deals with conventional and renewable energy sources, recent attempts in CO2 and industrial waste decution, and the development of new materials/methods for sustainable development.

Guest Editors

Prof. Dr. Gye-Chun Cho

Korea Advanced Institute of Science and Technology, Department Civil and Environmental Engineering, 291 Daehak Ro, Daejeon 34141, Korea

Dr. Ilhan Chang

University of New South Wales (UNSW), School of Engineering and Informational Technology, Canberra, ACT 2600, Australia

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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