

Special Issue

Trenchless Construction Methods for Energy Pipelines

Message from the Guest Editor

Currently, the energy sector plays a vital role in the global economy. Pipelines play an important role in the transportation of natural gas and liquid petroleum. Additionally, the trend towards burying electrical transmission and distribution lines has resulted in the need for networks installed with minimal disruption to surface activities. Trenchless construction methods such as horizontal directional drilling and microtunneling have become commonplace in the installation of energy pipelines, many of which navigate beneath waterbodies. Research efforts have resulted in a better understanding of the engineering and construction aspects of employing trenchless construction methods in the energy sector. Expanding the boundaries of these technologies with installations of longer distances, larger diameters, and in more challenging environments has been made possible through innovation fostered through research advancements. This Special Issue will cover advanced research and unique case studies of applications of trenchless construction methods for the installation of underground energy pipelines.

Guest Editor

Prof. Dr. Samuel Ariaratnam

School of Sustainable Engineering and The Built Environment, Arizona State University, Tempe, AZ, USA

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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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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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