

Special Issue

Computational Analysis of Natural Gas Supply Chains

Message from the Guest Editors

The present Special Issue of *Energies* focuses on computational tools for the design and operation of efficient natural gas supply chains, including transportation of gas in pipelines, in compressed (CNG) or liquefied form by ships or by trucks. Studies of interest include but are not limited to optimal design and operation of gas pipeline networks, LNG or CNG supply chains, considering economic, reliability, and sustainability issues. Furthermore, papers addressing the interplay between gas supply and distribution of other energy forms (e.g., power), as well as planning, scheduling, and dynamic aspects of gas delivery are also welcome. We would like to invite authors to submit papers related to computational analysis of natural gas supply chains. We also encourage experts to submit review papers that systematically summarize the progress and propose lines of future development in the field.

Guest Editors

Prof. Dr. Henrik Saxen

Thermal and Flow Engineering Laboratory, Abo Akademi University,
20500 Turku, Finland

Dr. Kwabena Addo Pambour

encoord GmbH, 45127 Essen, Germany

Dr. Frank Pettersson

Thermal and Flow Engineering Laboratory, Abo Akademi University,
20500 Turku, Finland

Deadline for manuscript submissions

closed (20 February 2020)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/28979

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



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

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 (Control and Optimization)