



Advances in Underground Pipeline Technology

Guest Editors:

Dr. Peng Zhang

Dr. Xuefeng Yan

Dr. Cong Zeng

Dr. Fang Xu

Deadline for manuscript
submissions:

closed (30 December 2023)

Message from the Guest Editors

Dear Colleagues,

It is a great honor to present this Special Issue of *Applied Sciences* titled “Advances in Underground Pipeline Technology”. Underground pipelines are critical lifeline infrastructures of urban operation and development. Over the last decade, important improvements have been achieved in the design, construction and maintenance of urban underground pipelines, especially in terms of new materials, construction equipment and technologies, and basic theories.

With the aim of presenting and discussing case studies, new methods, and research on current advances and future prospects in underground pipelines research, this Special Issue invites original submissions of theoretical analyses, computational models, physical experiments, and field tests for pipeline construction and design. Theoretical papers and computational methods papers are welcomed. Practice-oriented papers are also encouraged, particularly case studies of challenging projects in practice.

Dr. Peng Zhang

Dr. Xuefeng Yan

Dr. Cong Zeng

Dr. Fang Xu

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

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

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

mdpi.com/journal/applsci
appls@mdpi.com
[X@Appls](#)