Special Issue

Fugitive Emissions—Measurement, Management and Mitigation for Emissions Reduction

Message from the Guest Editors

Fugitive emissions are leaks or unintended losses of greenhouse gases (GHGs), such as methane and carbon dioxide and relate mainly to sources such as production, processing, transport, storage, transmission and distribution of fossil fuels. However, they can be challenging to measure, monitor, and attribute particularly if they are of a diffuse nature which is usually the case for methane fugitive emissions.

This Special Issue seeks contributions on the state-of-the-art in fugitive emissions research and how to manage these emissions across a range of sectors, including industry and government, to reduce environmental, social, and economic impacts resulting from fugitive emissions. We seek contributions that relate to sensor and other relevant technology development, monitoring, and mitigation methods, field trials/demonstrations, case studies, and other novel works to share with a growing research community.

Keywords:
quantification;
regulation;
methane;
carbon dioxide;
leakage;
infrastructure;
wellbore;
subsurface

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Deadline for manuscript submissions

closed (30 April 2021)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/54226

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mdpi.com/journal/applsci

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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.

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