

Special Issue

The Environmental Impacts of Oil and Gas Industry: Potential and Limits of Remote Sensing Methods

Message from the Guest Editors

This Special Issue focuses on the role of earth observation (EO) data and remote sensing (RS) techniques for the identification and assessment of environmental impacts of both onshore and offshore oil and gas (OG) activities on air, water, soil, and ecosystems. The purpose of this Special Issue is to collect research articles addressing this complex and multifaceted topic, with particular reference to:

- Exploring the current earth observation capabilities in providing an overview of the environmental status and of trends over time seen in relation to OG activities;
- Analyzing the capabilities and drawbacks of satellite data (both optical and synthetic aperture radar (SAR)) and methods for detecting, characterizing, and estimating all impacts (environmental, social, economic) of OG activities.

Guest Editors

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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