Special Issue

Integrated Geophysical and Geochemical Methods in Environmental Research

Message from the Guest Editors

Methods of remote sensing, electromagnetic scanning, seismic, and electrical resistivity tomography (ERT) are increasingly being used in geosciences, environmental sciences, civil engineering, and make it possible to obtain valuable information and solve several applied search problems. However, there is an acute issue of data accuracy, the issues of verifying the geophysical data with the results of direct research are urgent. The use of remote sensing methods in combination with geomorphological, geobotanical, and geochemical data makes it possible to describe the mechanism of permafrost degradation in the Arctic territories. This Special Issue is designed to collect high-quality original research articles, etc. Following topics would be welcome:

- Time-lapse ERT for the environmental investigations;
- How new processing tools increase ERT data interpretation;
- Application of innovative methodologies to relevant advances in environmental investigations;
- Verification of geophysical data by direct investigations;
- Case studies illustrating the benefits of correct application and interpretation of an integrated geophysical and geochemical approach.

Guest Editors

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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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