Special Issue

Electromagnetic and Electrical Methods for Environmental Engineering

Message from the Guest Editors

In geophysics, electrical and electromagnetic methods have demonstrated their potential for environmental engineering investigations. Both galvanically coupled and contactless measuring devices are used for a wide range of environmental applications, such as geohydrological characterization, precision agriculture, brownfield investigations, monitoring of mass movements and land degradation, as well as climate-change-driven processes under extreme conditions. Moreover, innovative technologies such as wireless instruments, permanent monitoring setups, and light airborne survey systems present new perspectives for the use of electromagnetic and electrical methods in the context of environmental engineering applications. This Special Issue aims at providing an overview of recent advances in measuring technologies, with a special focus on case studies demonstrating the potential of electrical and electromagnetic methods applied to environmental problems. For more information, please click: mdpi.com/si/55245.

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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