Special Issue

Advanced Ground-Penetrating Radar (GPR) Technologies and Applications

Message from the Guest Editors

GPR utilizes electromagnetic waves to detect subsurface structures and is a highly efficient shallow geophysical exploration technique. It relies on the differences in electrical parameters of underground media, and analyzes and deduces their structural and physical characteristics based on kinematic and kinetic features such as the amplitude, waveform, and frequency of the echo. Compared with other geophysical methods, GPR is fast and convenient, simple to operate, has a high detection resolution, and performs non-destructive detection. It is often used for fine inscriptions on underground structures and the detection and identification of targets, with a wide range of application scenarios, such as geological surveys, planetary exploration, archaeology, civil engineering and architecture, agriculture, environment, and security. The topics of this Special Issue include, but are not limited to, the following:

- Data processing;
- Environment and agriculture;
- Modeling and inversion;
- Archeology;
- Earth and planetary applications;
- Civil engineering and geotechnical applications;
- City utility and security application

Guest Editors

Prof. Dr. Xuan Feng

Dr. Haoqiu Zhou

Dr. Zejun Dong

Deadline for manuscript submissions

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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