



## Advanced Ground Penetrating Radar Theory and Applications

Guest Editors:

**Dr. Pier Matteo Barone**

**Prof. Dr. Raffaele Persico**

**Dr. Salvatore Piro**

Deadline for manuscript  
submissions:

**closed (30 June 2021)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue welcomes papers on traditional GPR researches, emerging GPR applications based on (but not exclusively) the use of drones, positioning systems, and positioning sensors, 3D and 4D applications, virtual and augmented reality and monitoring. Advanced research and field applications involving other remote sensing methods or geophysical data are also of interest. We invite researchers to contribute original articles presenting the most advanced progresses and interesting case studies regarding the following topics and beyond:

- GPR theory
- Design, realization, and testing of GPR systems and antennas
- GPR data processing and analysis
- Modelling and inversion methods for GPR
- Applications of GPR in the geosciences
- Applications of GPR in agriculture and water management
- GPR archaeological prospection
- New data processing algorithms
- Forensic GPR
- Combined use of GPR and other remote sensing techniques



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# Special Issue



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