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# Geophysics and Remote Sensing in Archaeology and Monumental Heritage

Guest Editors:

**Dr. Giovanni Leucci**

**Prof. Dr. Raffaele Persico**

**Dr. Lara De Giorgi**

Deadline for manuscript submissions:
**closed (31 December 2019)**

## Message from the Guest Editors

This SI aims to introduce field surveys, integrations, and analyses of geo-archaeological data for the study of archaeological sites in order to improve our knowledge of the investigated area related to both historical reconstruction and the production of tools for preventive archaeology and the preservation of archaeological and monumental heritage (for this last task, non-invasive diagnosis through micro-geophysics is also very useful).

Topics:

- Satellite remote sensing for archaeology using optical and radar data: new perspectives, semiautomatic and automatic approaches for extracting cultural information, and the study of the interconnections between environmental changes and dynamics of human frequentation;

- Aerial archaeology: from historical and traditional air-photos to IR and Lidar data;

- The integration of ground remote sensing techniques (geophysical prospecting) and field walking and DGPS topographical surveys for the study of ancient settlements and landscapes;

- The integration of non-invasive methods for the preservation and protection of monumental heritage (micro-geophysics);

etc.

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## Editor-in-Chief

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## Message from the Editor-in-Chief

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