



Special Issue "Recent Advances in Space & Sensor Technologies and Remote Sensing Applications"

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Interests: radar polarimetry; inverse scattering; microwave remote-sensing; wireless sensor networks

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Interests: radar imaging; inverse synthetic aperture radar; electromagnetic modeling; radar cross-section theory and measurement; radar beam scanning; radar signal processing

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Special Issue Information

Dear Colleagues,

The research and development work in the field of Earth observation began with Landsat-1. Since then, various Earth observation satellites have been launched and operated. As a result, application and utilization in various fields of practical use and science such as geology, ocean, agriculture, resource exploration, and fishery have spread rapidly. In recent years, the development of radar technology including synthetic aperture radar has been remarkable, and related technologies such as interferometry, differential interferometry, and polarimetry have also been developed. Deep learning and machine learning are applied to Earth observation data analysis. Furthermore, in order to handle spatial information including Earth observation data, GIS/GPS technology has become very important and has attracted great interest. Many international conferences, including ICSANE (International Conference on Space, Aeronautical and Navigational Electronics), have provided a forum for research and development in these fields. Therefore, this Special Issue focuses on the contents of recent Space and Sensor Technologies and Remote Sensing Applications. Topics of interest include but are not limited to the following:

- (1) Satellite and space-station systems;
- (2) Remote sensing and scientific observation technology;
- (3) Radar systems and applications;
- (4) Navigational and communication systems.

The authors of the papers which will be presented at International Conference on Space, Aeronautical and Navigation Electronics 2019, being organized at Jeju National University, Jeju, Korea, on 31 October–1 November 2019 are invited to submit their related article to this Special Issue of the journal *Electronics*. There are no page limitations for this journal, and the contents of submitted manuscripts should not have been published previously and should be significantly independent of the ICSANE paper.

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Guest Editors

Keywords

- remote sensing
- radar
- synthetic aperture radar
- interferometry
- polarimetry
- GPS
- GIS