Special Issue

Application of Hyperspectral Data in Ecological Environment

Message from the Guest Editors

In recent years remote sensing techniques have had an exponential evolution thanks to technological progress: starting with the spread of multispectral cameras for satellite applications, continuing with the hyperspectral spaceborne and airborne sensors and nowadays with multispectral and hyperspectral cameras for unmanned aerial vehicles. The availability of hyperspectral time series data for unmanned aerial vehicle, airplane and satellite systems provides insights on the spatial and temporal patterns of a variety of important biosphere/geosphere processes constituting a fundamental tool for systematic environmental monitoring. In this special issue we try to focus broadly on how the classic remote sensing products used for the study of the environment can be improved with hyperspectral data and how to use simultaneously hyperspectral data at different spatial and temporal resolutions. Topics of interest include, but are not limited to:

- climate change and environmental research
- precision farming
- inland, coastal and open waters status
- raw material exploration and mining

Guest Editors

Dr. Raffaella Matarrese

Italian National Research Council - Water Research Institute, viale de Blasio 5, 70131 Bari, Italy

Dr. Andrea Guerriero

Department of Electrical and Information Engineering (DEI), Polytechnic University of Bari, Via Edoardo Orabona, 4, 70125 Bari, Italy

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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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