Special Issue

Applications and New Trends in Metrology for Radar/LiDAR-Based Systems (Third Edition)

Message from the Guest Editors

The scope of this Special Issue is to provide an overview of methods and instruments for, as well as practical experience with, testing LiDAR and radar systems and subsystems (land-based, shipborne, and onboard drones, aircraft, and satellites), as well as to obtain measurements of environmental features through remote sensing applications. Specifically, topics relevant to this Special Issue include instrument test equipment for verification and validation in the industry, at customer sites, or in the field of operation; automation and remote test equipment; virtual reality technologies; and both LiDAR and radar remote sensing applications. Other topics relevant to this Special Issue are the state-of-the-art radar system architectures and related digital and software technologies; cognitive radars and the analysis of human-in-the-loop aspects in radar systems; dual-function radar communications and radar systems; waveform design; radar detection theory and radar signal processing; theory, algorithms, and applications (RTAA); target classification; micromotion estimation.

Guest Editors

Dr. Silvia Liberata Ullo
Remote Sensing and Telecommunication Laboratory, Engineering Department, University of Sannio, 82100 Benevento, Italy

Prof. Dr. Alfonso Farina
Consultant, Rome, Italy

Dr. Harun Taha Hayvaci
College of Engineering and Technology, American University of the Middle East, Block 6, Building 1, Egaila, Kuwait

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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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