# Special Issue

# Precision Weed Mapping and Management Based on Remote Sensing

### Message from the Guest Editors

The term precision agriculture involves pest minimization, control of unwanted species, and generation of strategies for dealing with weeds. Due to the loss in productive potential and quality that they cause in the crops, the differential management of these weeds is fundamental in a context the search for sustainability and efficiency. Recent advances in this field are based on the combination of remote sensing with the use of cutting-edge technologies such as deep learning, computer vision, UAV robotics, multisensor systems, etc. Aerial data collection has undergone a considerable change with the growth of UAVs, which have given birth to new, powerful sensor-bearing platforms for various agricultural applications. The growing adoption of these aerial platforms by producers, both large and small, is gradually taking place. It involves the integration of cost-effective technologies, adapted to existing field conditions, easy to use and with standardized components. UAV platforms can be assessed as promoters of precise weed control considering agricultural semistructured environments.

### Guest Editors

Dr. Dionisio Andújar

Centre for Automation and Robotics, CSIC-UPM, Arganda del Rey, 28500 Madrid, Spain

Dr. Jorge Martínez-Guanter

Department of Aerospace Engineering and Fluid Mechanics Agroforestry Engineering Area, University of Seville, Ctra. Sevilla-Utrera km.1, 41013 Seville, Spain

### Deadline for manuscript submissions

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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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