Message from the Guest Editors

Dear Colleagues,

Rain detection and monitoring is essential for many human activities, such as agriculture, water management, transportation, tourism, and leisure. Furthermore, the increasing occurrence of extreme precipitation events caused by climate changes calls for urgent improvements in operational measurement techniques of the rainfall amount and intensity.

In this context, this Special Issue aims to collect a number of papers about rain sensor technologies and applications, with the goal of providing the readership with an understanding of operating principles, state-of-the-art, applications, and future trends of such devices. This Special Issue thus welcomes contributions by researchers from both academia and industry on all aspects of rain sensor technologies and applications, spanning over different measuring principles, measurement scales, and the measured characteristics of the rainfall process (intensity, drop size distribution, fall velocity, etc.). Papers are also invited on the various aspects of sensor calibration, uncertainty assessment, standardization, and validation.

Prof. Filippo Giannetti
Prof. Luca Giovanni Lanza
Guest Editors
Message from the Editorial Board

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Keywords
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Contact Us

Sensors
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland
Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com
sensors@mdpi.com
@Sensors_MDPI