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Selected Papers from ISEMA 2018

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Deadline for manuscript submissions:

closed (21 April 2019)

Message from the Guest Editors

The 12th International Conference on Electromagnetic Wave Interaction with Water and Moist Substances—ISEMA 2018—will take place in Lublin, Poland, 4–7 June 2018, and is organized this time by the Institute of Agrophysics, Polish Academy of Sciences and Foundation of the Polish Academy of Sciences. The conference will provide an interdisciplinary platform for sharing experience and discussing latest scientific results in understanding, development and application of electromagnetic moisture measurement techniques.

Conference Topics

- Electromagnetic determination of physical properties of materials and standardization of measuring methods.
- Moisture content determination and monitoring in soil, snow, agricultural materials, waste disposals and other nonhomogeneous materials.
- Progress in measurement instrumentation and methods of broadband dielectric spectroscopy.
- Electromagnetic sensors in time- and frequency-domain for moisture content determination.
- Theory and applications of electromagnetic mixing rules and formulas.
- Dielectric relaxation properties of water in heterogeneous materials, including biological substances and tissues.



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Special Issue



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Message from the Editor-in-Chief

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.

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