



Optical Humidity Measurement: Sensors and Applications

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Message from the Guest Editors

Dear Colleagues,

There is a growing demand for both (a) simple and low-cost humidity sensors and (b) large-area monitoring, high-end humidity sensors. The development of optical humidity sensors will help fuel the growth of industries and elevate healthcare, leading to improvements in the quality of services and yield of production.

This Special Issue attempts to highlight some of the recent progress in optical humidity sensors and relevant methods, including but not limited to:

Sensors and Sensing Systems:

- Point optical humidity sensors
- Distributed fiber-optic humidity sensors
- Sensor signal processing
- Machine learning of measurement data
- Internet of things (IoT) platforms

Application:

- Environmental monitoring
- Smart agriculture
- Smart building/smart civil infrastructure
- Smart health monitoring
- Smart manufacturing and industries





sensors



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Message from the Editor-in-Chief

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