



Call for Papers

IEEE Open Journal of Instrumentation and Measurement (IEEE OJIM)

Special Section on Instrumentation and Technologies for Environmental Measurement

This special section is dedicated to the recent advancements in the development and application of sensors, devices, and instruments for environmental measurement, with a particular emphasis on Envi-IoTs for studying the impact of global warming on environmental change. The scope covers the following topics, including but not limited to:

- The creation of sensors, devices, and instruments for environmental change-related physical, chemical, and biological data collection in the field.
- The research on integration and validation of systems for environmental monitoring.
- The use of volunteer-based distributed systems for Envi-IoTs applications.
- The application of robots and unmanned systems for field data collection.
- The collection and fusion of field data and the application of artificial intelligence technologies for environmental data analysis, feature classification, change modelling, and prediction.

While the topics are outlined above, this special section welcomes submissions that explore environmental change investigation, disaster monitoring and forecasting, disease-vector surveys for modelling, and all subjects associated with collecting and utilizing spatial/time-domain data from the environment to human safety and sustainability development.

Each accepted paper for this Special Section will receive an Open Access fee waiver (i.e., accepted papers will not be charged Open Access fee).

Deadlines

Submission: June 30, 2024
First decision: July 22, 2024
Final decision: September 15, 2024
Publication Volume: 2024

For more info and submission instructions, please visit [OJIM's official website](#).

Guest Editor:

Chi Hung Hwang, Taiwan Instrument Research Institute, Taiwan chhwang@narlabs.org.tw