

Sensors and Materials

Special Issue on Smart Sensing Technology and Materials for Smart Industry and Environmental Applications

Call for Papers

The development of smart sensors and materials is playing an important role not only in the industrial sector but also in the environmental applications. On the other hand, developments in both sectors will promote sustainable growth based on technology and improve human life simultaneously. Although many techniques and devices have been proposed for solving problems in a wide range of fields, including advanced manufacturing, modern ecosystems, and the environment, there are still a number of challenging issues that must be solved for further technological and material developments. The introduction of advanced and smart sensor technology and materials, including new sensor devices, to address the challenges in the fields of manufacturing, the environment and ecosystems is strongly required for both the current and future generations. This special issue focuses on the new and smart development of devices and techniques in sensors and materials to address problems associated with industry and the environment. The prospective authors are invited to submit their new manuscripts in line with the scope of this special issue.

Scope: The scope of the special issue includes the research and development of the following items in smart manufacturing and environmental applications.

- Smart bio/chemical/physical sensors
- Smart materials
- Machine learning and IoT
- Sensors and materials in robotics and automation
- Nanomaterials and their applications
- Sensor fusion and sensorless applications
- Augmented/virtual reality in industrial applications
- Data analysis in sensing systems
- Sensors for pollution
- Early warning systems in the environment
- Measuring and detecting devices in the environment
- Smart microsensors and actuators, and similar devices

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Journal website: <https://myukk.org/>

Guest Editor: Somyot Kaitwanidvilai (King Mongkut's Institute of Technology Ladkrabang)

Submit to: Online Manuscript Submission System (<https://myukk-org.ssl-xserver.jp/form/>)

(Attention)

As stated in Instructions to Authors in the Guidelines, the author(s) will be obliged to pay the publication fee upon the acceptance of the manuscript for publication (for example, JPY 95040 for 10 pages in *Sensors and Materials* format). If the quality of the English of your manuscript does not satisfy the journal standards, the authors will bear the proofreading fee (JPY 10000), which will be charged with the publication fee.

If you have any questions, please feel free to contact the editorial staff at the address below.

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