

# *Sensors and Materials*

## **Special Issue on Environmental Sensing**

### **Call for Papers**

More than 100 million chemicals have been designed and synthesized worldwide. We must use these chemicals safely and securely considering their effects on the environment. For this purpose, environmental sensing, i.e., sensing to collect environmental information, is particularly important. Environmental sensing includes the trace analysis of chemicals, in situ sensing in the environment, and chemical sensors based on biological materials, such as enzymes, aptamers, and antigen–antibody reactions. In vitro chemical evaluations using cells and microbes as “living” sensors are also included. This special issue focuses on various fields related to environmental sensing from sensing techniques for the environment surrounding living creatures to those for the inside of living creatures possibly affected by the surrounding environment; in other words, sensing techniques collecting environmental information inside and outside living creatures.

#### **Scope:**

- In situ analysis of environmental chemicals
- Evaluation of chemical toxicity
- Sensors based on biological materials
- Chemical sensors and biosensors

**Submission due date:** June 30, 2019

**Publication date (planned):** First half of 2020

**Journal website:** <http://myukk.org/>

**Guest Editor:** Dr. Hiroshi Aoki (National Institute of Advanced Industrial Science and Technology, AIST)

**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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