

# *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
- Sensors based on biological materials
- Evaluation of chemical toxicity
- Chemical sensors and biosensors

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

**Guest Editors:** Dr. Hiroshi Aoki and Dr. Tetsuya Nakazato

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

#### **(Attention)**

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

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