



## Nanomaterials Based Sensors and the Application

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Deadline for manuscript submissions:

**closed (15 July 2020)**

### Message from the Guest Editor

The Special Issue intends to collect contributions devoted to developing sensing systems based on the use of nanomaterials. Incorporation of nanoparticles in sensing schemes not only require specific methods of synthesis and proper characterization techniques, but additionally efficient nanomaterial functionalization is one of the key factors required before developing a reliable sensor.

Applications of nanomaterials based sensors for detection and/or screening of molecules of relevance in environment, industrial process control, food control and clinical diagnostics are also welcome.

Potential topics cover a wide range of research fields related to the fundamental and applied aspects for the sensor nanomaterials and their novel functionalities and applications, and include but are not limited to the following:

- development of nanomaterials for sensing and biosensing
- strategies of functionalization of nanomaterials for sensing purposes
- characterization of nanomaterials used in sensors
- development of hybrid sensing nanomaterials
- applications of nanomaterials in sensing
- sensing of nanomaterials in environmental and biological media





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## Message from the Editor-in-Chief

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