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Photonics-Based Biosensors for Environmental, Food Safety and Biomedical Applications

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Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editor

The goal of this Special Issue is to invite state-of-the-art research papers that deal with any type of photonics-based sensors for the monitoring of the health status of our planet's ecosystem. Additionally, contributions on novel methods or techniques potentially leading to improved photonics-based sensors are welcomed. A preference is given to non-human environmental (air, soils, water) and biological (plants, trees, crops, animals) elements. Keywords include but are not limited to the following: photonics-based sensors, novel methods or techniques, environmental monitoring, soil monitoring, air monitoring, water monitoring, climate changes, remote sensing, noise and light pollution, detection of hazardous materials, agriculture, food monitoring, food processing, veterinary sensors for pet and farm animals, organ-on-a-chip as a replacement of animal models, remote sensing.



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Special Issue



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Message from the Editor-in-Chief

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