Special Issue

Biosensing in Environmental Quality Monitoring and Risk Assessment

Message from the Guest Editors

In this Special Issue, the focus on biosensors for environmental quality monitoring and risk assessment requires innovative thinking to succeed in providing reliable instruments. The biochemical background of emergent molecule-based sensors provides a universe of opportunities for the generation of alternatives to highly technological laboratories and specialized personnel. Instead, the discovery, design, and validation of novel biosensors can offer an accessible alternative to a broader audience and provide the tools to obtain valuable information applicable to medicine, the environment, security, food, and industries through the analysis of complex matrices. This Special Issue aims to gather high-quality original research and specialized review articles regarding a wide range of topics, including, but not limited to, novel biosensor development based on bio-molecules and bio-molecule-like nanoparticles, as well as the targeting of environmental pollutants of emerging concern in water, soil, air, and biota.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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