



Sensor Technologies for Ocean Environments: Impact Assessment, Monitoring and Protection

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Message from the Guest Editors

Dear Colleagues,

Anthropogenic pressure, combined with fluctuations in the global climate, affects the functioning of the marine environment. It is important to take care of its health, and the related durability of its productivity. Information about the changes of biological, physical and chemical parameters of marine areas resulting from their use is highly desirable. The possibility of early detection of alien substances and energies in water masses is also important. To meet such needs requires the improvement of sensors for environmental parameters changes, the creation of theoretical foundations for the functioning of sensors, as well as the automation of collecting, processing, and sharing information from sensor systems for use in national and global environmental management. In this Special Issue, original research articles and reviews are welcome.

Potential topics include, but are not limited to:

- Materials dedicated to the construction of marine sensors;
- Transmission of the signal from underwater sensors;
- Autonomic sensors
- Sensing the sea surface dynamics
- Sensors for solar radiation in the seawater column
- Intelligent sensors for marine applications
- ...





sensors



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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