Special Issue

Environmental Optical Detection

Message from the Guest Editors

Environmental optics detection mainly reports the latest progress and achievements in basic and applied fundamental research in the field of atmospheric optics and environmental optics. This Special Issue focuses on atmospheric optics, environmental optics and environmental spectroscopy, and remote sensing. Many researchers have carried out environmental optics detection based mainly on the differential optical absorption spectroscopy (DOAS) technique, Fourier transform infrared spectroscopy (FTIR) technique, tunable semiconductor laser spectroscopy (TDLAS) technique, laser-induced fluorescence spectroscopy (LIF) technique, and laser radar (LIDAR) technique and developed unique hardware and software instruments. The topics of this Special Issue include but are not limited to novel and advanced optical systems, novel environmental monitoring techniques, information processing methods, and interesting applications of optical and spectral monitoring of trace gases.

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Deadline for manuscript submissions

closed (15 August 2023)

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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