

Special Issue

Advances in Atmospheric and Oceanic Optics

Message from the Guest Editor

We invite you to submit a paper to our Special Issue "Advances in Atmospheric and Oceanic Optics" of the top-rated journal *Photonics* (ISSN 2304-6732). The peer-reviewed papers will be published in the following subject areas:

- Adaptive optics
- Algorithms of interpretation of results of laser sensing of the composition and state of the atmosphere and water medium
- Thematic processing of data of passive satellite sensing of the Earth surface
- Algorithms of processing satellite images of the Earth surface aimed at detection of small-size thermal anomalies (for example, forest fires)
- Correction of satellite images of the Earth surface for the distorting effect of the atmosphere
- Software and hardware means of measurements of the optical characteristics of air and water media
- Theory and field and laboratory experiments on NLOS communication in the atmosphere, under the water, and through the water-atmosphere or atmosphere-water interface
- Methods and algorithms of solving the radiation transfer equation with allowance for multiple scattering, polarization, and refraction.

Guest Editor

Prof. Dr. Vladimir V Belov

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Deadline for manuscript submissions

closed (31 August 2021)



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About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Nelson Tansu

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