

Special Issue

Emerging Topics in Atmospheric Optics

Message from the Guest Editors

The theory and technique of atmospheric optics, as well as the principle of light wave propagation have been widely applied in multiple fields, such as atmospheric radiology, environmental science, weather forecasting, astronomical observation, aviation flight, remote sensing, communication technology and so on. With the development of ground-based telescope observation, laser communication, high-power laser application, atmospheric transmission, etc., the influence of atmospheric optical effects must be considered and corrected.

The Special Issue aims at presenting the latest results in atmospheric optics, including the measurement techniques, scientific methods, correction techniques, applications, as well as the analysis results of atmospheric optical parameters, etc. We are excited to invite researchers to submit their contributions to this Special Issue. Relevant topics include but not limited to the following:

Atmospheric optics;
Optical turbulence;
Adaptive optics;
Atmospheric transmission;
High-power lasers;
Laser communication.

Guest Editors

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Deadline for manuscript submissions

30 June 2026



Photonics

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Impact Factor 1.9
CiteScore 3.5



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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.

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