



Optical Wireless Communication for Underwater-to-Ground-to-Space Connectivity

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submissions:

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Message from the Guest Editors

This Special Issue invites manuscripts that focus on recent advancements in the area of “Optical Wireless Communication for underwater-to-ground-to-space Connectivity”. Researchers, academicians, and practitioners can take advantage of this opportunity to present their recent research work/challenges/solutions/concerns in the area of optical wireless communication for underwater/ground/space links. All theoretical, numerical, and experimental papers are accepted. Topics include, but are not limited to, the following:

- State-of-the-art for wireless optical systems: underwater, space-based, terrestrial, air-borne, air-water interface systems, etc.
- Channel propagation effects and combating technologies.
- Modulation and error correcting codes.
- Security issues in optical wireless communication.
- Pointing, acquisition, and tracking issues.
- Channel modeling and analysis.
- Opto-electronics/all optical interconnections.
- Adaptive optics techniques.
- System design optimization techniques at the physical or medium access layer.
- Integrating machine learning/deep learning with OWC.
- Routing algorithms for underwater sensors or unmanned aerial vehicles.

