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Next-Generation Digital Earth Systems: From Geometric Modelling to Visualization

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Message from the Guest Editors

Recent advances in geospatial sensors (e.g., satellites, smartphones, drones, meteorological instruments, and LIDAR) have resulted in technologies capable of collecting large and dynamic geospatial data. The variety, volume, and complexity of these dynamic multiscale data require better data integration, meaningful visualization, and effective user interactions in digital Earth systems. Consequently, we should reexamine these systems and explore their foundations, geometric models, computational methods, and visualization tools to develop next-generation digital earth systems capable of handling the defined challenges.

In this Special Issue, we are interested in research articles aiming to develop new digital Earth systems from geometric and computational models to novel visualization and interaction.

Deadline for manuscript submissions:

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Special Issue



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Message from the Editor-in-Chief

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