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Interactive 3D Cartography

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Message from the Guest Editors

Dear Colleagues,

Cartography comprises the visualisation of geographical objects and spatially distributed phenomena by means of abstraction, generalization and representative symbols. With the advancement of 3D computer graphics, human-computer interaction (HCI) methods, and new devices, the possibilities of creating new types of map representations and interaction types have dramatically increased. In this Special Issue, we would like to invite you to submit contributions towards novel 3D visualisations, methodologies, and technologies for interactive cartographic applications. Topics may range from cartographic 3D geo-data models, abstracted 3D representation and symbolization of topographic and thematic geo-data, analysis and visual exploration of the geo-data space on different devices and media, innovative interaction modalities, up to applications in various scientific domains. The Special Issue should identify ways to present, analyse, and explore interactions for new three-dimensional immersive geo-data spaces.

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Special Issue