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Spatial Modeling in Environmental Analysis and Civil Engineering

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Deadline for manuscript submissions:
closed (31 December 2020)

Message from the Guest Editors

Considering Bacon's concept, we believe that exploring the world is knowing yourself through scientific activities, errors and ways to overcome them, thus developing solutions and applications.

The best way to explore the world is to make a model on which we can base subsequent analyses. Considering the complexity, we cannot focus only on its natural elements, but also those developed by man. Applications in the fields of Earth Sciences and Civil Engineering can meet the demands of a market where there is a necessity for continuous development and new solutions.

Being aware of the comprehensiveness of the topic, we encourage you to send papers containing original measurement and model solutions used in the fields. Modeling has broad applications for solutions based on terrain models and three-dimensional construction models after cartographic simulations related directly to spatial management.

Topics include but are not limited to the following:

Three-dimensional modeling; Numerical simulations and structural analysis; Spatial management; BIM; Spatial data processing; GIS applications; Geoinformatics; Modern technologies in property analyses; Earth observation

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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