

Climate Adaptation: The Role of Geospatial Data in Sustainable Infrastructures

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Message from the Guest Editors

Climate change adaptation requires strategic investments on infrastructure to deliver sustainable solutions. In this sense, geospatial data can play a key to support strategic investments in terms of spatial planning, Smart Cities, infrastructure development, land administration, risk management, etc. Understanding the strategic role and challenges of geospatial data infrastructures, this issue focuses on “The Role of Geospatial Data in Sustainable Infrastructure”. Topics of interest for this special issue include but are not limited to the governance, legal, financial issues of geospatial data and its role to implement both sustainable infrastructure and spatial data infrastructures as part of a climate adaptation strategy and the implementation of the Sustainable Development Goals. Practice-oriented papers and case studies are mainly encouraged. They can be in the following topics:

- Blue-green infrastructure
- Rainwater catchment systems
- Flood risk assessment
- Drought risk maps
- Smart cities
- Spatial planning
- Emergency management
- Geospatial information management
- Sustainable development



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