



GIS Open Source Software Applied to Geosciences

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Message from the Guest Editors

This Special Issue of *Geomatics* will address the implementation and use of open source GIS applications for geospatial analysis in several areas, such as climate change, environment, biology, health, risk, landscape, and ecology, among others. As well as the development of new web-based GIS solutions, which have led to easier ways to disseminate geospatial information to any user and GIS mobile applications, a powerful technology which improves the quality and speed of data collection simplifying the collaboration between field and office.

The scope of this Special Issue includes the following:

- The implementation of new methodologies in GIS open source applications
- The application of GIS open source tools in several areas: environment, health, and climate change, among others
- The implementation of databases such as PostGIS or other in GIS open source applications
- GIS technologies to manipulate big data
- Web-based GIS solutions
- Real-time data collection





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Message from the Editor-in-Chief

Geomatics is the modern adaptation of traditional surveying, mapping, and their related skills. In geomatics, Information and Communication Technology (ICT) and digitization play a focal role. Geomatics is the discipline that integrates the tasks of gathering, storing, processing, modeling, analyzing, and delivering georeferenced information. Geomatics produces, validates, and represents georeferenced data that helps to provide services that meet the needs of society.

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