

Special Issue

Intelligent Systems Based on Open and Crowdsourced Location Data

Message from the Guest Editors

The last decade has witnessed the dawn of personal mobile contrivances as the center of our digital life. In that sense, manufacturers have greatly empowered such devices with new and more advanced sensing features. One clear example of this enrichment is the fact that mobile devices are now commonly equipped with different outdoor and indoor positioning technologies (e.g., GPS, RFID or Bluetooth). This ubiquity of location-aware personal devices has led users to generate an unprecedented amount of spati-temporal data. Furthermore, all these data can be easily hosted and shared in different crowdsourcing platforms such as online social networks like Twitter or collaborative applications like OpenStreetMap. At the same time, the Open Data movement encourages public and private institutions to publish their data freely and so that they are available to anyone. In an urban scope, this has released a huge amount of contextual data related to cities' infrastructure, services, and population.

Guest Editors

Dr. Fernando Terroso-Sáenz

Polytechnic School, Catholic University of Murcia, Campus de los Jerónimos, 30107 Guadalupe, Murcia, Spain

Dr. Andrés Muñoz

Polytechnic School, Catholic University of Murcia, Campus de los Jerónimos, 30107 Guadalupe, Murcia, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijgi@mdpi.com

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Editor-in-Chief

Prof. Dr. Wolfgang Kainz
Cartography and Geographic Information Science, Department of
Geography and Regional Research, University of Vienna,
Universitätsstr. 7, A-1010 Vienna, Austria

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