

# Springer GeoInformatica Journal

## Call for Papers

### Special issue on Mobile Computing Support for Geospatial Systems

(<http://static.springer.com/sgw/documents/1529677/application/pdf/cfp.pdf>)

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The integration of wireless communications into mobile devices has opened the door for a revolution of geospatial systems. Specifically, contemporary mobile devices come equipped with a large array of sensors, are connected anywhere, and are carried around by their users almost 24/7. Taken together, these developments enable a number of new paradigms such as crowd-sensing, anywhere (or ubiquitous) context-awareness, and large scale machine-to-machine interaction. These paradigms in turn pose novel challenges and opportunities for geospatial systems.

The special issue encourages submissions of high-quality unpublished papers reporting original work in both theoretical, experimental and visionary research in the area of mobile computing support for geospatial systems. The list of topics includes, but is not limited to:

- Indoor positioning technologies
- Automatic/semi-automatic construction of indoor floorplans
- GPS replacement technologies
- Techniques for supporting deployments of localization techniques, including but not limited to, crowdsourcing, transfer learning, reduction of calibration measurements.
- Semantic inference about indoor/outdoor spaces
- Trajectory analysis
- Mobility analysis on mobile devices
- Geospatial information inference from online social networks
- Mobile Infrastructure/platform for big geospatial data processing
- IoT applications enabled by geospatial information
- Novel mobile computing systems supporting geospatial systems
- Location-based services
- Location privacy and anonymity
- Mobile computing support for transportation systems
- Location-based security (e.g., authentication, zone-based systems, and adversarial analysis)
- Location-based games

All papers will undergo the same rigorous GEIN review process. Please refer to the GEIN website for detailed instructions on paper submission. Please choose “Special Issue: Mobile Computing Support for Geospatial Systems” as the Article Type.

**Submission instructions:**

Each article should have a maximum of 14 pages double columns (***28 pages in the journal template***).

Authors should check the “Instructions for Authors” for formatting their papers at:

<http://www.springer.com/earth+sciences+and+geography/geographical+information+systems/journal/10707#>

Latex templates can be found at:

<http://static.springer.com/sgw/documents/468198/application/zip/LaTeX.zip>

Submission should be made online using the link:

<http://www.editorialmanager.com/gein/default.aspx>

**Important dates:**

- Submission deadline: ~~January 31<sup>st</sup>~~. **February 29<sup>th</sup>, 2016 (Extended)**
- Decision/First round of reviews: ~~April 29<sup>th</sup>~~. **May 31<sup>st</sup>, 2016**
- Minor revision deadline for accepted papers: ~~May 31<sup>st</sup>~~. **June 30<sup>th</sup>, 2016.**
- Camera ready decision: ~~June 15<sup>th</sup>~~. **July 15<sup>th</sup>, 2016.**



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