



Call for Papers
16th International Symposium on
Web and Wireless
Geographical Information Systems
W²GIS 2018
May 21-22, 2018, A Coruña, Spain
<https://w2gis2018.lbd.org.es/>



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Topics

Recent advances in wireless Internet technologies have generated increasing interest in the diffusion and processing of large volumes of geo-spatial data. Spatially-enabled mobile devices also offer new ways of accessing and analyzing this geo-referenced information. Consequently, new challenges and opportunities have appeared in the GIS research community. This symposium provides an up-to-date review of advances in both theoretical and technical development of Web and Wireless Geographical Information Systems (W²GIS). It is the 16th in a series of successful events beginning with Kyoto 2001, and alternating locations annually between East Asia and Europe with the most recent Symposium held in Shanghai, China. We invite submissions that address theoretical, technical, and practical issues of W²GIS and location-based services. Suggested topics include, but are not limited to:

- *Geospatial databases and spatio-temporal data management*
- *Mobile spatial interaction*
- *Spatial search, GeoWeb search engines and services*
- *Location-based social networks*
- *On-line spatial data mining*
- *GeoSensor data acquisition, processing, management and analysis*
- *Smart environments, Internet of Things and ambient spatial intelligence*
- *Exploratory cartography and Web and wireless geo interfaces*
- *Advanced GIS visualization techniques for Web and mobile location-based applications*
- *Cyber-geography & augmented reality*
- *Map personalization and adaptation*
- *3D modelling of cityscapes for location-based services*
- *Ubiquitous and wireless GIS*
- *Security, privacy, and usability issues of Web and wireless environments*
- *Semantic geospatial Web and interoperability*
- *User studies and evaluations of online geo services*
- *Indoor and outdoor wayfinding and navigation*
- *Crowdsourcing and volunteered geographic information*
- *Telematics, GIS and location-based applications*
- *LBS and transportation applications*
- *Wireless-based location-aware applications*

Authors are invited to submit full, original, unpublished research papers written in English and formatted using the Springer camera-ready templates. We invite three types of contributions: full papers to present scientific results (limited to 16 pages), work in progress papers to present on-going work (limited to 10 pages) and showcase papers for live presentations of research prototypes and products (limited to 4 pages).

All submissions must be uploaded in PDF format through the submission site at: <https://easychair.org/conferences/?conf=w2gis2018>. The Program Committee will referee all submissions for quality, originality, and relevance. Accepted papers will be published in the **Springer LNCS** series. A selection of the best papers will be considered for a special issue of the **Journal of Location Based Services**.

Important Dates

- **December 8, 2017** – Full paper submission
- **January 26, 2018** – Notification of acceptance
- **February 16, 2018** – Camera-Ready copy due

