

# Call for Papers

## *4th International Workshop on Web and Wireless Geographical Information Systems W<sup>2</sup>GIS 2004*

<http://logicweb.hankong.ac.kr/w2gis04>

**November 26 ~ 27, 2004, Hankuk Aviation University, Korea**

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The recent advances on the developments of Wireless and Internet technologies have generated increasing interest in the diffusion and processing of geo-referenced data. Wireless and Internet devices also offer new ways of accessing and analyzing geo-spatial information. Consequently, new challenges and opportunities have been provided to the GIS research community.

This workshop is intended to provide an up-to-date review of advances on recent development of Web and Wireless Geographical Information Systems (W<sup>2</sup>GIS). This workshop follows the successful 2001, 2002, 2003 editions, held in Kyoto, Singapore and Rome, respectively. We invite submissions that address both theoretical and technical issues of W<sup>2</sup>GIS. Reports on implementations are particularly welcome. Suggested topics include, but are not limited to as long as they address issues related to W<sup>2</sup>GIS:

- Conceptual and logical models for W<sup>2</sup>GIS
- Data management and data retrieval methods
- Geographical search engines and web services
- Digital geographical libraries
- W<sup>2</sup>GIS query languages and interfaces
- 2D and 3D information visualization
- Exploratory cartography and interfaces
- W<sup>2</sup>GIS data mining
- W<sup>2</sup>GIS security
- W<sup>2</sup>GIS applications and prototypes
- Location-based services
- Peer-to-peer computing
- Cyber-geography
- Semantic geo-spatial web
- Mobile GIS
- Wireless GIS
- Telematics GIS Applications
- Ubiquitous W<sup>2</sup>GIS

W<sup>2</sup>GIS 2004 workshop will be held in conjunction with WISE 2004. The W<sup>2</sup>GIS workshop papers will be published by a well-known editor. Now we are promoting the publication by Springer in its LNCS series. Authors of best/some selected papers will be invited to submit an extended version of their papers for inclusion in World Wide Web Journal or International Journal of Web Emerging Technology

### **Important Dates:**

- 30 May 2004 – Full paper submission (5000 words in Springer format)
- 15 September 2004 - Notification of paper acceptance
- 15 October 2004 - Final paper due

All paper proposals should be submitted in **Springer format** (Details on the format at <http://www.springeronline.com>) via email to Prof. Kwon at [yjkwon@tikwon.hankong.ac.kr](mailto:yjkwon@tikwon.hankong.ac.kr) and Dr. Bouju at [abouju@univ-lr.fr](mailto:abouju@univ-lr.fr) (in pdf format).