Call for Contributions

Inform the Chair: with the Title of your Contribution
Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SMART+2017+Special
Please select Track Preference as **GR-SMART**

Special track

GR-SMART: GIS and Remote Sensing for Smart Urban Analytics

Chairs and Coordinators:
Mohamed Bakillah, GIS Governmental Center, RAK, UAE & Laval University, Canada
Francesco Pirotti, University of Padova, Italy
Amin Mobasheri, Heidelberg University, Germany
A.Mobasheri@uni-heidelberg.de

along with
SMART 2017, June 25 - 29, 2017- Venice, Italy
The Sixth International Conference on Smart Cities, Systems, Devices and Technologies
http://www.iaria.org/conferences2017/SMART17.html

Geographic Information (GI) Science and Earth Observation (EO) provide valuable data and technologies for understanding and enhancing urban processes. This special track focuses on new trends in these two topics that contribute to improvements in the process of analyzing, predicting, and improving urban challenges in the domain of transportation, 3D city modeling, and other dynamics. As an example of new trends in this domain, geo-crowd sourcing, Location Based Social Networks (LBSN) and Volunteered Geographic Information (VGI) have recently became interesting sources that potentially improve urban systems and processes by providing up-to-date and detailed information. However, several research challenges are involved in how such data sources can be employed and to what extent they are capable of enriching urban sciences. Moreover, the quantity, velocity, variety and veracity of data (i.e. the big data paradigm) are very important factors that add complexity to managing such data.

We welcome scholars to share their research regarding challenges and solutions of new trends in GIS and Remote Sensing for Smart Urban Analytics.

Topics:

Authors are invited to submit papers describing challenges and issues in topic areas such as:

- GI solution for Transportation and health sustainability
- 3D modeling of urban infrastructure
- Intelligent Transportation Systems
- Open source GIS service/software implementations for urban studies
- Volunteered Geographic Information and Public Participatory GIS for urban analytics
- Quality and usability of VGI in urban studies
- Smart city
- Big data

We especially welcome PhD students to present the early-stage results of their study to receive feedback on their work.

Chairs of this special track would invite authors of selected papers to submit extended versions of their work to one of the following journals:

- Journal of Open Geospatial Data, Software and Standards, Special issue: Open source geospatial tools and technologies for urban and environmental studies
- Sustainability journal, Special Issue: Neo-Geography and Crowdsourcing Technologies for Sustainable Urban Transportation
- One of the IARIA Journals (see www.iariajournals.org)

Important Datelines

- Inform the Chairs: As soon as you decided to contribute
- Submission: May 17
- Notification wit comments for camera-ready: May 24
- Registration: May 31
- Camera ready: May 31

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
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Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

Contact
Amin Mobasheri, Heidelberg University, Germany A.Mobasheri@uni-heidelberg.de
SMART Logistics: steve@iaria.org