

2016 International Symposium on National Geographic State Monitoring (ISNGSM 2016)

Dec. 17-18, 2016 Wuhan University, Wuhan, Hubei, China

The first national census of geographic conditions of China was carried in 2013 through 2015. Abundant, high-quality information has been collected on geographic features, such as vegetation, forest, waters, deserts, and bare areas, as well as transport grids, residential areas and facilities. To 1) share the experience gained and lessons learned from this coordinated national endeavor, 2) explore the values of its outcome and achievements, and 3) support a regular, sustainable National Geographic State Monitoring (NGSM) program for the country, we will host an international symposium on NGSM in Wuhan on Dec. 17-18th, 2016.

The symposium intends to bring together scientists, developers, practitioners, and decision makers of various disciplines from the world to showcase their new development in theories, technologies and techniques for NGSM. Future developments, opportunities and challenges in various subjects of NGSM will also be investigated. Moreover, the symposium is also to foster deeper collaboration and broader exchange in NGSM among government, educators, researchers, industry, and the end users.

Chairs of the Symposium

Prof. Jianya Gong, Academician of the Chinese Academy of Sciences, Wuhan University, China

Prof. Jie Shan, Purdue University, USA

Topics of the Symposium

The topics include, but are not limited to the following

1. Geospatial big data
2. Cloud computing for NGSM
3. Geospatial statistics and analysis
4. Sensor network in NGSM
5. Urban dynamics monitoring
6. Urban ecology and environment monitoring
7. NGSM and decision-making
8. Agricultural and forest condition monitoring and modeling
9. Water resource monitoring and modeling
10. Land use and land cover dynamics monitoring and modeling

Submission of abstracts

1. The symposium accepts submissions of extended abstracts.
2. The content of the submission must not be published or considered for publication elsewhere.
3. Authors should send their extended abstracts about 1,000 words to ngsm@whu.edu.cn.
4. Submission deadline: Nov. 15, 2016

Symposium presentations

1. Keynote talks: invited speakers in their areas of expertise.

- (1) Bryan Pijanowski, professor, Department of Forestry and Natural Resources, Purdue University
- (2) Alan Murray, professor, Department of Geography, University of California at Santa Barbara
- (3) David Roy, professor, Geospatial Sciences Center of Excellence, South Dakota State University
- (4) Brian Tomaszewski, professor, Department of Information Sciences & Technologies, Rochester Institute of Technology
- (5) Chengquan Huang, professor, Department of Geographical Sciences, University of Maryland
- (6) Eckart Michaelsen, professor, Fraunhofer Institute of Optronics, System Technologies and Image
- (7) Tapani Sarjakoski, professor, Finnish Geodetic Institute

2.Exploitation

- 1.Oral presentations: selected from the submitted abstracts
- 2.Special sessions: organized by institutions and industry on topics of common interests
- 3.Language:English or Chinese.

Venue and dates

- 1.Symposium dates: Dec. 17-18, 2016.
- 2.Venue: Library on Information Science Campus of Wuhan University (129 Luoyu Rd., 430079, Wuhan University, Wuhan)

Important dates

- 1.Abstract submission: Nov. 15, 2016 via email ngsm@whu.edu.cn
- 2.Notice of acceptance: Nov. 23, 2016
- 3.On-site registration starts in the afternoon of Dec. 16, 2016
- 4.Symposium on Dec. 17-18, 2016

Preliminary program

- 1.Morning of Dec. 17th : Opening ceremony and keynote talks;
- 2.Afternoon of Dec. 17th : Technical sessions and keynote talks;
- 3.Morning of Dec. 18th : Technical sessions and keynote talks;
- 4.Afternoon of Dec. 18th : Technical sessions and closing ceremony;

Symposium hotel

Recommended hotel: Jun Yi Dynasty Hotel next to Wuhan University.
Contact:Junyi Dynasty Hotel Wuhan 87 Luoyu Road (Luoyu Lu) (87)
Tel: +86-27-87687777; Fax:+86-27-87687666
Website: <http://www.junyidynastyhotel.com/>.

Organizers

- 1.School of Remote Sensing and Information Engineering, Wuhan University
- 2.State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing, Wuhan University
- 3.Zhejiang Administration of Surveying, Mapping and Geoinformation
- 4.Key Laboratory for National Geographic Census and Monitoring, National Administration of Surveying, Mapping and Geoinformation

Conference website andcontact information

Website:<http://rsgis.whu.edu.cn/ngsm2016>
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