2019 International Workshop on Geocomputation for Social Sciences and Intelligent Geospatial Information Service

July 7-9, 2019 | Wuhan, China

The 2019 International Workshop on Geocomputation for Social Sciences and Intelligent Geospatial Information Service will be held in Wuhan, China on July 7-9, 2019. This workshop is organized and hosted by Wuhan University.

In order to further cope with the new developments, demands, technologies and challenges of the research field in geocomputation for social sciences and intelligent geospatial services, promote the interdisciplinary research and academic exchanges among researchers, Wuhan University organizes this international workshop to discuss the frontier and hot issues in the related fields. Experts, scholars, professionals and students at home and abroad interested in the workshop are welcomed to attend and participate.

The workshop also provides the technical training on methods, tools and platforms in the field of geocomputation for social sciences. Interested scholars and students are welcome to register.

1. Conference Organization

Organizer

Wuhan University

Local Organizer

- State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing (LIESMARS), Wuhan University

- School of Remote Sensing and Information Engineering, Wuhan University

- School of Resource and Environmental Science, Wuhan University

- Geocomputation Center for Social Sciences, Wuhan University

- Collaborative Innovation Center of Geospatial Technology

- Joint International Research Laboratory of Geoinformatics

Conference Chairs

Chair: Jianya Gong, Wuhan University, China

Co-chair: Luc Anselin, University of Chicago, USA

              Shuming Bao, China Data Institute, USA

Scientific Committee

Chair

Deren Li, Wuhan University, China

Members

Kai Cao, National University of Singapore, Singapore (新加坡国立大学地理系)

Ruizhi Chen, Wuhan University, China (武汉大学测绘遥感信息工程国家重点实验室)

Liping Di, George Mason University, USA (美国乔治梅森大学)

Qingyun Du, Wuhan University, China (武汉大学资源与环境科学学院)

Hui Lin, The Chinese University of Hong Kong, China (香港中文大学)

Lin Liu, University of Cincinnati, USA (美国辛辛那提大学)

Renyi Liu, Zhejiang University, China (浙江大学地理信息科学研究所)

Jiaojiang Luo, Wuhan University, China (武汉大学社会发展研究所)

Guonian Lv, Nanjing Normal University, China (南京师范大学)

Zongfu Mao, Wuhan University, China (武汉大学全球健康研究中心)

Mei-Po Kwan, University of Illinois at Urbana-Champaign, USA (美国伊利诺伊大学香槟分校)

Tiyan Shen, Peking University, China (北京大学政府管理学院)

Youhong Wu, Wuhan University, China (武汉大学历史学院)

Hong Xiao, Wuhan University, China (武汉大学文学院)

Xinyue Ye, New Jersey Institute of Technology, USA (美国新泽西理工学院)

Yihong Yuan, Texas State University, USA (美国德州州立大学)

Dongxiang Zhang, Wuhan University, China　(武汉大学经济与管理学院)

Local Organization Committee

Huayi Wu	Wuhan University, China
Kun Qin	Wuhan University, China
Xinyan Zhu	Wuhan University, China
Nengcheng Chen	Wuhan University, China
Fu Ren	Wuhan University, China
Wei Guo	Wuhan University, China

Secretariate

Lite Shi	Wuhan University, China
Ping Qin	Wuhan University, China
Yuanzheng Shao	Wuhan University, China

2. Conference Topics

These include, but are not limited to:

- Research and application of night-light remote sensing images

- Theory and method of geocomputation for social sciences

- Spatiotemporal data mining and analysis

- Geospatial metrology

- Computation model of geographic social sciences

- Application of geographic social sciences

- Internet of Things and smart city

- Indoor map and location perception

- Three-dimensional geographic information system and virtual reality

- Social perception and geographical computation

- Urban agglomeration and spatial information service

3. Important Dates

- Abstract Due: March 15, 2019

- Notice of acceptance of abstract: April 10, 2019

- Full paper due: May 15, 2019

- Notice of acceptance of full paper: May 30, 2019

- Registration ends: June 15, 2019

4. Registration

Registration fee

- Full Registration: 3000 CNY or 435 USD

- Student Registration: 2000 CNY or 290 USD

- Senior Registration: 2000 CNY or 290 USD (over 65 years old)

Registration refund policy

Cancellations before June 1, 2019, 50% will be retained. After June 1, 2019 no refund.

Registration for invitation letter

If you need the invitation letter, please contact the secretarite with following information:

1) Your Date of Birth;

2) Your Passport Number;

3) Your detailed workplace address, and

4) The digital receipt showing that you have successfully paid for the registration fee.

5. Publications

Authors can choose to submit either an extended abstract or a full paper (but not both). Authors of accepted extended abstract or full paper will be invited to give oral (or poster) presentations at the workshop. Acceptance priority will be given to submissions with concrete research results. Publications include CD-ROM and Special issue in peer-reviewed journals.

A selection of high quality papers will be recommended to the Special Issue on Geocomputation for Social Sciences, Geo-spatial Information Science (ISBN 1009-5020). All article publishing charges will be covered by Wuhan University, so you can enjoy the benefits of open access at no cost.

6. Technical Training Session

The workshop offers the technical training session based on the GeoDa spatial analysis open platform, which is developed by the Center for Spatial Data Science in the University of Chicago, and introduces the Geoda roadmap, progress and secondary development. By taking GeoDa localization and multilingual version development as an example, this training session introduces the extension development of GeoDa. The training language is in Chinese.

The deadline for the technical training session is May 30, 2019, and the registration fee is 1500 CNY (For Chinese participants only). Cancellations before June 1, 2019, 50% will be retained. After June 1, 2019 no refund.

7. Accommodation

■ Junyi Dynasty Hotel Wuhan, 87 Luoyu Rd, Wuhan, Hubei, China.

■ Home Inn, 119 Luoyu Rd, Wuhan, Hubei, China.

8. Contact information

■ Lite Shi, and Yuanzheng Shao: gcss2019@whu.edu.cn