

ICSADM2017 – Third International Conference on Spatial Data Mining and Geographical Knowledge Services

Sep. 21-22, 2017

East Lake International Conference Center, Wuhan, Hubei, China

Website: www.icsdm2017.org



ICSADM2017 aims to provide a unique inter- and multi-disciplinary forum for all the professionals involved in spatiotemporal big data analysis, trajectory mining, stream data mining, night-time light remote sensing data mining and geographical knowledge services academia and industry to share research ideas, present latest research achievements, foster cooperation, and encourage international collaboration.

ICSADM2017 (the 3rd conference of ICSADM) will be held from September 21-22, 2017 in Wuhan, and will be organized by Wuhan University and Fuzhou University, and sponsored by ISPRS. ICSADM2017 is also a part of ISPRS Geospatial Week 2017 in the same place from September 18-22, 2017. The main theme of ICSADM2017 is “Spatiotemporal Big Data Analysis and Trajectory, Stream, Night-time Light Data Mining”. As the third season of these serial events. The 1st ICSADM (ICSADM2011) held from June 29 to July 1, 2011 in Fuzhou in conjunction with the 8th Beijing International Workshop on Geographical Information Science (BJ-IWGIS2011), The 2nd ICSADM (ICSADM2015) held from July 8-10, 2015 in Fuzhou, China. Both the former conferences have been a great success. Each of the former two conferences attracted hundreds of registered attendees from USA, Germany, France, Ireland, Italy, Austria, Japan, Switzerland, Belgium, Netherland, Hungary, Slovakia, Turkey, Thailand, Indonesia, Cameron, Algeria, and China, and 10 world-renowned scientists gave keynote speeches or invited talks. A new forum/platform for international academic exchanges had come into shape.

ICSADM2017 has two days of technical program, including plenary sessions with several keynotes and invited speeches, parallel sessions with oral and poster presentations. Contributions will be

invited from researchers and participant from ISPRS society, including topics on spatiotemporal big data analysis, trajectory mining, stream data mining, night-time light remote sensing data mining, spatiotemporal data services and knowledge services, spatiotemporal process modelling, spatial decision support, and the related theories, methods and applications. ICSDM2017 will serve as an open forum or platform for researchers and practitioners to share their innovative ideas and achievements in the multi-faceted research of spatiotemporal data analysis, spatiotemporal data mining, geographical knowledge service and decision support in Big Data era.

Authors are invited to submit unpublished papers, which are not under review in any other conferences or journals at the time of submission, on the topics (but not limited to) described under the Topics section.

Conference Theme

Spatiotemporal Big Data Analysis and Trajectory, Stream, Night-time Light Data Mining

Conference Topics

- Spatiotemporal Data Mining and Knowledge Discovery
- Spatiotemporal Big Data Analysis
- Spatiotemporal Process Modelling and Decision
- Spatiotemporal Data Services and Knowledge Services
- Spatiotemporal Knowledge Visualization
- Trajectory Mining and Urban Computing
- Stream, Time-series, and Sequence Data Mining
- Night-time Light Remote Sensing Data Mining
- Spatially Humanities and Social Science
- Applications of Spatiotemporal Data and Knowledge

Submission of papers

High-quality papers covering one or more of the above topics should be submitted electronically using the conference tool via the website of EasyChair. the submission website is <https://easychair.org/conferences/?conf=icsdm2017>. Authors can submit full papers or extended abstracts for a peer review process. All submissions will be peer-reviewed. The submissions should be prepared to the ISPRS guidelines for preparing manuscripts (<http://www.isprs.org/documents/orangebook.aspx>). Authors of accepted submissions are expected to give oral or poster presentations at the conference.

Conference Organization

Chair:

Deren Li, Wuhan University, China

Co-Chairs:

Chenghu Zhou, The Chinese Academy of Sciences, China

Mahmoud R. Delavar, University of Tehran, Iran

Programming Committee

Scott Bell, University of Saskatchewan, Canada
Alexis Comber, University of Leeds, United Kingdom
Mahmoud R. Delavar, University of Tehran, Iran
Min Deng, Central South University, China
Jianya Gong, Wuhan University, China
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Xulin Guo, University of Saskatchewan, Canada
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Yuhong He, University of Toronto Mississauga, Canada
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Desheng Liu, Ohio State University, United States
Yu Liu, Peking University, China
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Tao Pei, The Chinese Academy of Sciences, China
Kun Qin, Wuhan University, China
Jie Shan, Purdue University, United States
Tiyang Shen, Peking University, China
Hong Shu, Wuhan University, China
Christopher Small, Columbia University, United States
Alfred Stein, ITC, University of Twente, Netherlands
Luliang Tang, Wuhan University, China
Fahui Wang, Louisiana State University, United States
Jinfeng Wang, The Chinese Academy of Science, China
Shaowen Wang, University of Illinois at Urbana-Champaign, United States
Shuliang Wang, Beijing Institute of Technology, China
Xinyue Ye, Kent State University, United States
Linwang Yuan, Nanjing Normal University, China
Zuoquan Zhao, The Chinese Academy of Sciences, China
Chenghu Zhou, The Chinese Academy of Science, China

Local Organizing Committee:

Chair:

Kun Qin, Wuhan University, China

Co-Chairs:

Chongcheng Chen, Fuzhou University, China

Shuliang Wang, Beijing Institute of Technology, China

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Kun Zheng, China University of Geosciences, China

Secretary:

Chaogui Kang, Wuhan University, China
Xi Li, Wuhan University, China
Xiaoxia Xu, Wuhan University, China
Ye Zhang, Wuhan University, China

Important Dates

Full papers (Annals: full paper double-blind review) due: **March 31, 2017**

Abstracts (Archives: abstract review) due: **March 31, 2017**

Acceptance notification: April 14, 2017

Final revised full paper: April 30, 2017

Early bird registration date: May 31, 2017

Normal online registration due: September 16, 2017

Registration:

We strongly recommend participants to register online through the conference registration system at <http://zhuanti.3snews.net/2016/ISPRS/>. Please visit the conference site also for any additional information, including venue and travel information, nearby accommodation, and the full conference and exhibition program.

Venue

East Lake International Conference Center (EL-ICC)

The East Lake International Conference Center (EL-ICC) is a large building with an area of 31,000m² inside the beautiful East Lake Park, 5km from WHU campus. There are 32 conference rooms of various sizes; the largest one can hold 1350 people. The EL-ICC has 210 hotel rooms

(five star) with matching food services. Within 1km of EL-ICC, there are Chutian Yuehai Hotel (five star), Guochuang Chuyuan Hotel (four star), Binghu Hotel (four Star), Yester Hotel (four star), business hotels and even guest houses (as low as \$10 per night for a bed) etc. There are more than 1500 hotel rooms within 5km of the EL-ICC. Attractions such as the Hubei Province Museum are within walking distance of the EL-ICC.



Keynote Speakers

Deren Li, Wuhan University, China

Chenghu Zhou, the Chinese Academy of Science, China

Robert Haining, University of Cambridge, United Kingdom

Yu Liu, Peking University, China

Yu Zheng, Microsoft Research Asia, China

Desheng Liu, Ohio State University, United States

Sponsors

ISPRS: International Society for Photogrammetry and Remote Sensing

Wuhan University

Fuzhou University

Past Workshops/Conferences:

Second IEEE International Conference on Spatial Data Mining and Geographical Knowledge Services (ICSDM2015), July 8-10, 2015, in Fuzhou, China.

First IEEE International Conference on Spatial Data Mining and Geographical Knowledge Services (ICSDM2011), June 29 to July 1, 2011, in Fuzhou, China.