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Annual Report

C16.11 Geographical Information Science

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RESEARCH, CAS

C16.11 Geographical Information Science

Report 2018

1. Membership

The GIScience commission had a steering committee of 11 members. This year, the commission recruited members other than steering committee members. Currently, the commission has 16 members from 13 countries. The following list provides the members' names, institutional affiliations and countries.

Daniel Sui	Division of Social, Behavioral and Economic Sciences, National Science Foundation	USA
Fenzhen Su	Institute of Geography and Natural Resources Research, Chinese Academy of Sciences	China
Jun Xu	Institute of Geography and Natural Resources Research, Chinese Academy of Sciences	China
Francis Harvey	Leibniz Institute for Regional Geography	Germany
Andrej Medvedeff	Institute for Geographie der Russian Academy of Science	Russia
Evelyn Uemaa	University of Tartu	Estonia
Shoaib Khalid	Government College University Faisalabad	Islamic Republic of Pakistan
Lars Brabyn	University of Waikato	New Zealand
Stan Geertman	Utrecht University	The Netherlands
Shawn Laffan	University of New South Wales	Australia
Itzhak Benenson	Tel-Aviv University	Israel
Miguel Padeiro	Institute of Geography and Spatial Planning of the University of Lisbon	Portugal
Damen P. Dume	Brown University	USA
Felix Kwabena Donkor	University of the Witwaterstrand, Johannesburg-South Africa	South Africa
Mohammad Abu Syem	University of Chittagong	Bangladesh
Motti Zohar	University of Haifa	Israel

2. Meetings

2.1 SDH2018 (Moscow, June 7-9, 2018)

The International Symposium on Spatial Data Handling is a biennial international research forum initiated and organized by Commission 16.11. **The 18th International Symposium on Spatial Data Handling (SDH 2018)** was held in Russian State Library on June 7-9, 2018, right after the IGU Thematic Conference. It was hosted by Institute of Geography of the Russian Academy of Sciences and Russian State Library. Olga Solominia, the director of Institute of Geography of RAS, addressed on the opening ceremony. Professor Andrej Medvedeff from our commission chaired the symposium. The theme of the symposium is "Technological challenges and informational challenges" and the topics include: spatial analysis, modeling and data mining; big data and sensor networks; geospatial data quality and data integration; spatial data infrastructures and interoperability; open source and open data; thematic cartography and multivariate data mapping; remotely-sensed data for mapping. Researchers from different countries reported their research work. The website of the symposium is <http://sdh2018.ru/>.



Registration



Olga Solominia addressing on the opening



Andrej Medvedeff chairing the session

2.2 PRRA 2018 (Beijing, August 19-20, 2018)

The 10th International Workshop on Pattern Recognition in Remote Sensing (PRRA 2018) was held in Beijing on August 19-20. It is organized by the Technical Committee 7 (TC-Remote Sensing and Mapping) of the International Association for Pattern Recognition (IAPR). The IGU commission on Geographical Information Science co-organized the workshop. The website of the workshop is <http://www.prrs2018.org/>. Professor Fenzhen Su from our commission was the co-chair of the workshop.



Fenzhen Su addressing on the opening of PAAR 2018

2.3 Forthcoming meetings

The commission plans to continue the SDH conference in 2020. The location and dates of the conference are to be decided. A steering committee meeting will be arranged during the IGU Congress in 2020.

3. Networking

The commission on Geographical Information Science has long cooperation with the IGU commission on Modelling Geographical Systems and Commission II of the International Society of Photogrammetry and Remote Sensing (ISPRS). The commission commenced collaboration with expanded the Technical Committee 7 (TC-Remote Sensing and Mapping) of IAPR this year. We organized The PRRA 2018 together this year.

4. Publication

The website of the commission is <http://igugis.lreis.ac.cn/>. News about the commission are published on Google group. A frame of google group was embedded in the webpage of the commission, which is located at <http://igugis.lreis.ac.cn/igu6.html>.

There is no paper publication this year.

5. Archival Contributions

During the period in question, no archival contributions have been made.