The City of Guilin

Guilin is a prefecture-level city of the Guangxi Zhuang Autonomous Region in southern China. Its name means "Forest of Sweet Osmanthus", owing to the large number of fragrant Sweet Osmanthus trees blooming in October every year. The City was established in 111 AD (Han Dynasty) and prospered in the Tang Dynasty (618-907 AD). The GDP per capita of the City was US$2858 in 2009, ranked no.125 among 659 Chinese cities.

"Guilin's scenery is best among all under heaven" – as one of popular Chinese saying, the city has long been renowned for its unique scenery. It has been listed by the State Council in 1981 as one of the four cities (the other three being Beijing, Hangzhou and Suzhou) where the protection of historical and cultural heritage and natural scenery should be treated as a priority project.

Guilin has a monsoon-influenced humid sub-tropical climate. The dry season starts in September and end in February. Mean temperatures in October range from 25.6 °C (78.1 °F) to 17.3 °C (63.1 °F). Guilin has one International Airport—Liangjiang Airport with 47 airlines connecting more than 30 cities in China and Asia. It's also very convenient to travel by train and bus from Guilin to other cities in China.

Guided tours around Guilin will be organized at additional cost, if desired by participants. Detailed information is available from the workshop website.

Important Dates

Deadline for abstracts(approx.300 words): April 30,2011
Notification of acceptance: June 1, 2011
Deadline for full papers: August 1, 2011
Early registration: September1, 2011

Registration

The registration fee will be:

2600 RMB for registrations by September 1, 2011
2800 RMB for registrations after September 1, 2011
2400 RMB for students.
1500 RMB for accompanying person

The fee includes all workshop sessions, the material package, the workshop CD, icebreaking reception, the workshop dinner, lunches and coffee breaks during the workshop

Contact Information

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Workshop Website

http://isprs-wg41.nsdi.gov.cn

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information from imagery

ISPRS Workshop

Geospatial Data Infrastructure: from data acquisition and updating to smarter services

Guilin, China

October 20-21, 2011

Organized by

• ISPRS WG IV/1,IV/2,IV/4,IV/5,IV/7 and ICWG IV/VIII

Hosted by

• National Geomatics Center of China

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Background and Objective of the Workshop

Goal of SDI is to improve quality and reduce costs related to geographic information, to increase the benefits of using available data, and to establish key partnerships with nations,states, counties, cities, tribals,academia and the private sector to increase data availability.
With efforts of previous years, datasets of various types have been produced at global, national, regional, city level. Recently much demand on service and application of SDI has been raised and much attention has been paid to data updating, data harmonization, and geo-spatial cyberinfrastructure that aims at solving the problem of efficiently connecting data, computers, and people over the Internet
The objective of the workshop is to provide a platform for scholars and professionals in relevant areas to exchange research ideas and interests, to present the newest research results, to discuss the cutting-edge technology, and to promote the development and application of SDI and the international collaboration.

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Topics and paper submission

You are invited to submit papers for presentations that relate to one or more of the following workshop topics

- Data Acquisition and Updating
  - Creating, populating, accessing, indexing, and analyzing multi-dimensional, multi-scale, spatio-temporal image databases
  - algorithms, processes and techniques for automated update, change detection and quality control of 3D geo-spatial databases from imagery and collateral sources
  - Theoretical and operational aspects of incremental updating and versioning of vector and raster spatial databases

- Database Creation and Maintenance
  - Development of multi-level (national, regional and global) geospatial databases with multi-sources
  - Database generation for digital topographic and thematic mapping (including orthoimages and digital terrain models)
  - strategy and processes for efficient maintenance of multi-dimensional spatial databases at local, regional and global scales
  - Synchronization of disparate geospatial resources
  - integrating geo-spatial data with environmental and socio-economic data for research, discovery and web services
  - Assessment of remote sensing data for generating and visualizing landscape and models
    security and versioning of spatial databases
  - Planetary mapping and database generation" in the theme "Database Creating and Maintenance

- Smarter Geo-spatial Services and Applications
  - technologies for efficient data handling, distributed and federated repositories, visualization, service releasing and applications
  - high performance networks and communication for broad access and "end-to-end" coordination
  - Application and assessment of advanced visualization, virtual reality and multimedia methods for 2-D, 3-D and 4-D mapping tasks in stand-alone, mobile or web-based environments
  - Assessment of context-aware visualization and analysis of image data and geodatabases

- Standards and Liaison
  - open source principles, metadata and open standards of service, system architectures, and geospatial information
  - Cooperation and liaison with international efforts (GEOSS, Digital Earth, UNSDI, INSPIRE and GMES), and organizations (GSDI, WGISS, ICA, OGC, W3C, ISO and EuroSDR)

Guidelines for authors are available at:
http://www.isprs.org/documents/orangebook/app5.html

All accepted papers will be published on CD-ROM which will be available at the workshop, and on the ISPRS web. Please note that only papers for which at least one author has paid the registration fee by September 15 will be published.

Workshop Venue

The workshop will be held in Guilin Lijiang Waterfall Hotel, which is located in the downtown area of Guilin City. The artificial waterfall that rushes down from its top matches the picturesque ambience of the hotel, with Shanhu Lake glittering right down in front, Lijiang River flowing on the east, Elephant Trunk Hill neighboring on the south, and Duxiu Hill and Diecai Hill towering on the north.

Hotels

Guilin Lijiang Waterfall Hotel（5 Star）:
Workshop Venue
  Add: The Shan Lake North Road, Guilin, Guangxi, China
TEL:＋86-773-2822884
FAX:＋86-773-2822880
Website: http://www.waterfallguilin.info/en/index.html

EVA INN （4 star）:
5 minutes walk to Workshop Venue
  Add: EVA Inn No.66 Binjiang Road, Guilin, GX 541002,
TEL:＋86-773-2830666
FAX:＋86-773-2800292
Website: http://eng.evainn.com

Mingcheng Hotel (3 star):
3 minutes walk to Workhsop Venue
  Add: No. 4, Zhengyang Road Xiufeng District, Guilin
TEL:＋86-773-2828331
FAX:＋86-773-2863060