Organizing Committee

Chairs

Jie JIANG, ISPRS TC III, China'
Sisi Zlatanova, ISPRS TC IV, Australia
Orhan Altan, ISC GeoUnion Standing Committee on DRR, Turkey
Songnian LI, UN-GGIM Academic Network, Canada

Members

Alexander Rudloff, IUGG, Germany
Anika Braun, INQUA, Germany
Carlo Doglioni, IUGS, Italy
Edoardo Costantini, IUSS, Italy
Giuliano Manara, URSI, Italy
Hiroshi Kitazato, IUGS, Japan
James McCalpin, INQUA, USA
John L. LaBrecque, IUGG, USA
Madhu Chandra, URSI, Germany
Michael Meadows, IGU, South Africa
Peijun Shi, IGU, China
Takashi Kosaki, IUSS, Japan
Tullio Joseph Tanzi, URSI, France
Yasuhide Hobara, URSI, Japan
Shuai DING, BUCEA, China
Xianglie LIU, BUCEA, China
Yang DENG, BUCEA, China
Xian GUO, BUCEA, China
Shishuo XU, BUCEA, China
Lu LIU, BUCEA, China

Contact Information

Secretariat
Ms. Lu LIU
E-mail: GI4DM2022@163.com

Publications

Accepted papers will be published in ISPRS Archives (abstract peer-reviewed proceedings) and ISPRS Annals (full paper double-blind peer-reviewed) both listed in CPCI, SCOPUS, E/I, and DOAJ.

To prepare and submit a paper to the ISPRS event, the authors need to follow the 'Guidelines for Authors Preparing Manuscripts' available at https://www.isprs.org/documents/orangebook/app5.aspx.

All accepted papers will be published before the event. Please note that only papers for which at least one of authors has paid the registration fee by September 15 will be published.

For paper submission, please visit the event website

Important Date

- Abstract submission (published in Archives): July 15, 2022
- Full paper submission (published in Annals): July 15, 2022
- Notification of acceptance: August 15, 2022
- Camera-ready full paper (Archives and Annals): September 15,2022

Registration and Payment

You are welcome to register for the event in one of the following ways:
- On-site attendance (including paper publishing and presentation)
- Remote attendance (including paper publishing and presentation)
- Remote attendance (no paper publishing)
- One day attendance (on-site, or remote, no paper publishing)
- Accompany person (on-site)

Please be noted that we provide discount for full-time students with valid evidence of their student status and senior participants over 65 years old on 1 Nov. 2022.
.
For detailed information about the registration and payment, please visit the event website.

International Society for Photogrammetry and Remote Sensing

ISPRS Workshop
Geo-Informatics Supported Disaster Risk Reduction and Smarter Urban Management

（**Gi4DM 2022 & Urban Geoinformatics 2022**）

November 1-4, 2022, Beijing, China
https://www.gi4dm.net/2022/

Organized by

• ISPRS Technical Commission III and IV

Hosted by

• Beijing University of Civil Engineering and Architecture (BUCEA)

Supported by

• ISC GeoUnions Standing Committee on Disaster Risk Reduction
• UN-GGIM Academic Network
• Chinese Society for Geodesy Photogrammetry and Cartography
• China Association for Geospatial Information Society
• GNSS & LBS Association of China
• National Institute of Natural Hazards, Ministry of Emergency Management of the China

Sponsored by

• PIESAT Information Technology Co., Ltd.

Workshop on Geo-Information for Disaster Management (Gi4DM 2022)

The event is an annual conference devoted to the application of geo-informatics in disaster risk reduction since 2005, organized by ISPRS in cooperation with different international bodies such as UNOOSA, ICA, ISCRAM FIG, IAG OGC, and WFP. The fundamental goal of the conference is to provide a forum where disaster managers, stakeholders, researchers, data providers and system developers can discuss challenges, share experience, discuss new ideas, demonstrate technology and analyze future research toward better support of risk and disaster management activities. For the period 2016-2022, Gi4DM is coordinated by the ISPRS Inter-Commission Working Group III/IVa on Disaster Assessment, Monitoring and Management. And since 2020 Gi4DM is jointly coordinated by the International Science Council (ISC) GeoUnions Standing Committee on Disaster Risk Reduction.

Disaster risk reduction is the common responsibility of all professionals. The COVID-19 epidemic ravaging the world recent years triggered huge demands for geo-information related strategy/methods/techniques.

With the background, the topics of the event will include (not limited to):
- User needs and requirements
- Technology developments
- Applications of Remote Sensing and Photogrammetry to Disaster Monitoring/Management
- Data collection and management
- Data integration and knowledge discovery
- End-user environments for interaction, visualization and updating
- Positioning and location-based communication
- Assisted navigation and evacuation
- Automated mapping
- Geo-informatics education for disaster management
- Development and sharing of geospatial analytics
- …

Collapsed bridge after the 2021 Dali earthquake in China.
Photo: Shi Peijun

Damaged building after the 2016 Amatrice earthquake in Italy.
Photo: Carlo Doglioni

PROGRAM

Date	PROGRAM		
Nov. 1 (Tuesday)	Gi4DM		
Nov. 2 (Wednesday)	Gi4DM	UrbanInfo	Seminar
Nov. 3 (Thursday)	Gi4DM	UrbanInfo	Seminar
Nov. 4 (Friday)	Urban GeoInfo		

The event will be held in hybrid manner. Plenary sessions, technical sessions, thematic seminars, technical visits and social events will be arranged.
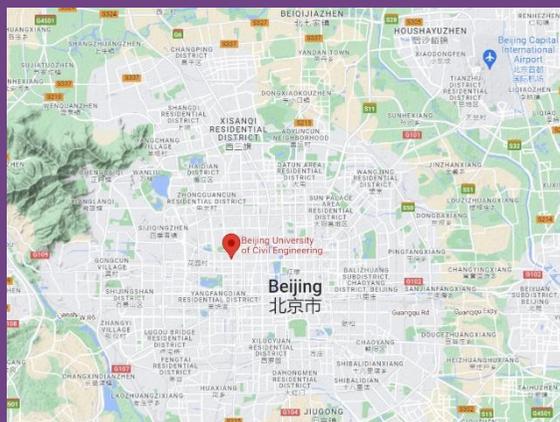- Plenary sessions offer world-class keynote speakers from different countries.
- Technical Sessions correspond to a wide range of topics incorporated in the themes of the events, running in parallel. All accepted papers will be presented in oral sessions (about 15 minutes for each presentation) or poster sessions (5 minutes pre-recorded video for each presentation).
- Two thematic seminars will be arranged. One is on the mission and workplan of ISC Geo-Unions Standing Committee on Disaster Risk Reduction The other is on the ecological environment monitoring to urban areas along China-Europe Railway.
- Technical visits to related agencies/enterprises, and welcome reception will be arranged.
- Other events such as tutorials will also be arranged on proposals.

VENUE & ACCOMMODATIONS & OTHERS

The venue will be in or near the Xicheng Campus of BUCEA, in downtown area of Beijing, with ideal geographical location and all-round accessibility. Hotels of various classes nearby with discount price will be provided. Detailed information will be available in the event website.

The event language is English and no translation facilities will be available.

The event organizer will send a letter of invitation (without promise of financial support) for visa upon request to participants.
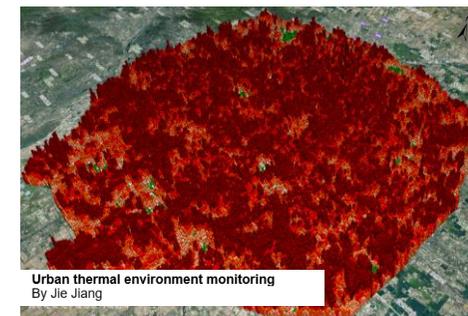

High-level Forum on Urban Geoinformatics (Urban Geo-Informatics 2022)

With dense population, active economy and developed infrastructures, cities are very important for sustainable development of the countries, regions and the whole world. It is essential to better understand, plan, monitor and manage the development of cities, with the support of geoinformation technologies. High-level forum on urban geoinformatics 2022 is the first of a series of conferences that focus on RS, GIS and other related topics in urban context. The venue will be rotating among Beijing, Sydney and Toronto, every 1 or 2 years.

The topics of the 2022 event will include (not limited to):
- Digital Twins
- Digital Engineering
- 3D City Modeling
- Urban Multi-planning Data Fusion
- Ubiquitous Monitoring and Dynamic Cognition of Urban Development
- Integration of Internet of Things (IoT)
- Urban Social Networks
- Mobility and Transportation
- Knowledge Engineering
- Decision-making Support and Service Platform
- Smart Visualization
- Megacities
- …

Urban thermal environment monitoring
By Jie Jiang

Traffic monitoring
By Jianqing Zhang