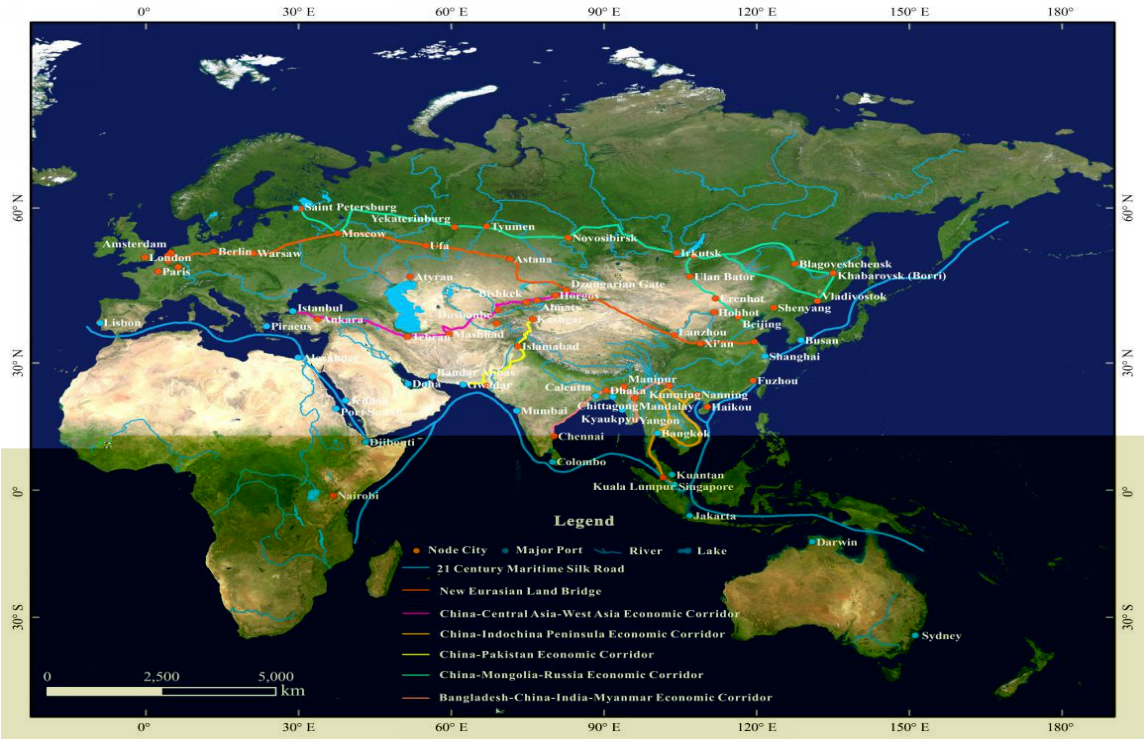
2nd-Announcement of

International Conference on Silk-roads Disaster Risk Reduction and Sustainable Development

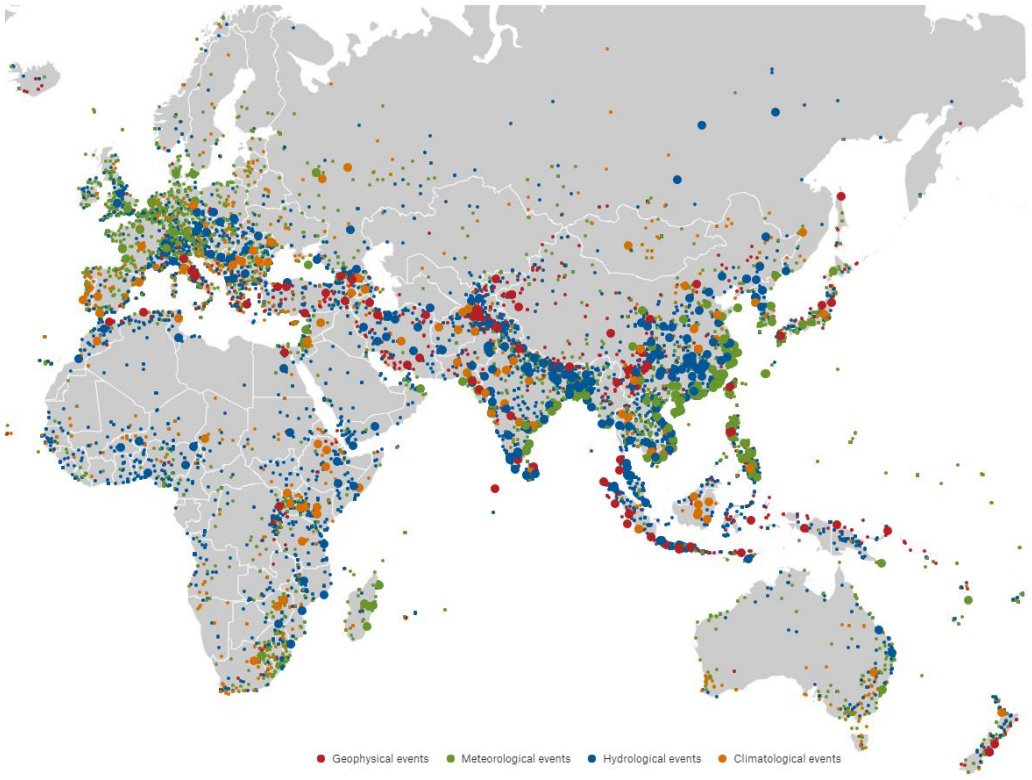
May 11-12, 2019, Beijing, CHINA

1. Background



The Silk Road, beginning in the Han Dynasty (207 BC-220 BC), crosses more than 70 countries and affects some 4.4 billion people (63% of the world). For centuries, the Silk Road has played an essential role in connecting the East and the West, through the exchange of trade, science technology and civilization. However, due to active underlying geological structures, including rapid tectonic uplift, climate change, and natural hazards (e.g., earthquakes,

landslides, floods, typhoons, tsunamis, etc.) that occur frequently, these conditions place threats on both social development and livelihoods along the Silk Road. Furthermore, numerous challenges related to disaster risk reduction exist in this area, including a lack of background information and data sharing mechanism, as well as an absence of a scientific risk assessment method, and mitigation countermeasures, etc.



Disaster events 1990-2017 (NatCatSERVICE@Munich RE)

As a result of this serious situation, and integrated with the **Sendai Framework for Disaster Risk Reduction** and **the Sustainable Development Goals 2030**, there is an urgent need to promote international cooperation in disaster risk reduction and sustainable development along the Silk Road. Resilience against natural hazards must be improved and an international platform for joint research and information sharing relevant to disaster risk reduction and sustainable development is needed. Therefore, an international research program for the disaster risk reduction along the Silk Roads is being implemented under the umbrella of **SiDRR (Si**lk-roads **D**isaster

Risk **R**eduction) by Chinese Academy of Sciences.

The implementation of this program will enhance disaster prevention and will contribute to our ability to guarantee the security of livelihood of the affected countries. Based on this understanding, the Chinese Academy of Sciences (CAS), China Association for Science and Technology, and United Nations Environment Programme (UNEP) and International Scientific Partners will jointly host the ***International Conference on Silk-roads Disaster Risk Reduction and Sustainable Development*** in Beijing, on May 11-12, 2019.

2. Conference Theme

Theme

Towards Safe, Green, and Resilient Silk Roads

Topics:

- Hazard information detection and data sharing
- Mechanisms and physical process
- Risk analysis and management
- Monitoring and early warning
- Hazard prevention and mitigation
- Emergency management and post-disaster reconstruction
- Cross-border disasters
- Sustainable development

Sessions:

	Organizers	Convener	Session Theme
1	The Hong Kong University of Science and Technology & International Society for Soil Mechanics and Geotechnical Engineering **(ISSMGE)**	Charles W. W. Ng	The Formation Process, Mechanism, and Treating Countermeasures of Landslides
2	The International Centre for Integrated Mountain Development **(ICIMOD)**	David Molden	Monitoring and Early Warning, Cross Border Disaster, Mountain Hazards
3	The Chinese University of Hong Kong **& CCOUC**	Emily Ying Yang Chan	Health-Emergency Disaster Risk Management
4	International Association for Engineering Geology and the Environment **(IAEG)**	Shengwen Qi; Haris Sarogou	Engineering Geology and Geological Engineering
5	Integrated Research on Disaster Risk **(IRDR)**	Qunli Han	Mobilization of International Science and Technology Collaboration on Disaster Risk Reduction (DRR)
6	Integrated Research on Disaster Risk **(IRDR)**	Qunli Han	Improving Policy and Science & Technology Interface in Disaster Risk Reduction (DRR)
7	International Water Resources Association (**IWRA**)	Jun Xia	Risk and Management of Water Disaster under Changing Environment
8	International Consortium on Landslides (**ICL**)	Peter Bobrowsky; Kyoji Sassa;	Advances in Landslide Risk Reduction

		Wei Shan; Alexander Strom	
9	World Association for Sedimentation and Erosion Research (WASER)	Zhaoyin Wang; Chen Liu	Sediment Transportation and Geo-hazard Mitigation
10	Institute of Mountain Hazards and Environment, CAS	Xiaoqing Chen Alessandro Pasuto Asif. Khan	Mountain Hazards
11	Beijing Normal University	Peijun Shi	Integrated Disaster Risk Governance - Assessment and Management
12	Sichuan University	Gretchen Kalonji	Models for Higher Education Collaboration on Natural Disaster Risk Reduction, Response, and Reconstruction
13	Institute of Geographic Sciences and Natural Resources Research, CAS	Weidong Liu Linxiu Zhang	The Sustainable Development along Silk Roads
14	South China Sea Institute of Oceanology, CAS	Dongxiao Wang	Marine Hazards on “One Belt One Road”
15	Xinjiang Institute of Ecology and Geography, CAS Research Center for Ecology and Environment of Central Asia, CAS	Xi Chen	Climate Change and Disaster Prevention Technology in Eurasia Arid Zone（DPTUA）
16	Institute of Earth Environment, CAS	Zhisheng An; Sebastian Breitenbach; Liangcheng Tan	Environmental Change along Silk Roads: The Past, Present and Future
17	Institute of Geophysics, China Earthquake Administration	Yuntai Chen	Earthquake

18	Youth Innovation Promotion Association, CAS	Wei Yang; Hong Yan; Wei Zhao	Young Scientist Forum

3. Milestone

July 30, 2018	First announcement
August 10, 2018	Abstract submission
October 10, 2018	Second announcement
October 20, 2018	On-line registration start
December 20, 2018	Deadline for extended abstract submission
April 20, 2019	Deadline for early bird registration
May 10-12, 2019	Conference and academic communication seminars

4. Venue

Beijing International Convention Center

Address: No.8 Beichen Dong Road, Chaoyang District, Beijing P. R. China 10010

Reservations fit:

(8610)84980105; (8610)84985588

Meetings and group reservation:

(8610)84979768

(8610)84985588 Ext 72601、72602

Fax:

(8610)84970106 (Individual reservation department)

(8610)84972651 (Meetings and group reservation)

(8610)84983085 (Sales Department)

E-mail：bcgh@bcghotel.com

Website：www.bcghotel.com

www.bicc.com.cn

5. Conference Form

The secretariat of the *International Conference on Silk-roads Disaster Risk Reduction and Sustainable Development* invites representatives from all the hosts, organizers and co-organizers, as well as renowned experts and researchers from all continents to participate in this Conference. The Conference will consist of plenary sessions and symposiums. We anticipate some 500 participants.

6. Call for Extended Abstracts

We are pleased to invite you to be part of the *International Conference on Silk-roads Disaster Risk Reduction and Sustainable Development* (SiDRR conference) 2019 by presenting your relevant work related to all disciplines relevant to disasters, by submitting a two-page extended abstract of the respective presentation (Times New Roman 12 point font only). All submissions (extended abstract and the respective presentation) will be compiled and made available to attneding participants.

Extended abstracts should be submitted through the conference website

(http://www.sidrr.com/) or via conference email (sidrr@imde.ac.cn), before December 20, 2018. Authors will be notified of all abstract/paper acceptances no later than January 30, 2019. Note that the extended abstract submitted to SiDRR conference 2019 will only be accepted after a rigorous peer-review process. Some of the selected extended abstracts will be encouraged to expand their contribution into a journal paper and with a recommendation for submission to international refereed journals.

7. Hosts, Sponsors and Organizers

Hosts:

Chinese Academy of Sciences (CAS)

China Association for Science and Technology

United Nations Environment Programme (UNEP)

Sponsors:

International Union of Geological Sciences (IUGS)

International Geographical Union (IGU)

International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)

International Association for Engineering Geology and the Environment (IAEG)

International Water Resources Association (IWRA)

International Consortium on Landslides (ICL)

International Association for Mathematical Geosciences (IAMG)

World Association for Sedimentation and Erosion Research (WASER)

Youth Innovation Promotion Association, CAS

The International Centre for Integrated Mountain Development (ICIMOD)

Integrated Research on Disaster Risk (IRDR)

Research Center for Ecology and Environment of Central Asia, CAS

Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response (CCOUC)

World Association of Soil and Water Conservation (WASWAC)

Organizers:

Institute of Mountain Hazards and Environment, CAS

Institute of Geographic Sciences and Natural Resources Research, CAS

The Hong Kong University of Science and Technology

The Chinese University of Hong Kong

Beijing Normal University

Sichuan University

South China Sea Institute of Oceanology, CAS

Xinjiang Institute of Ecology and Geography, CAS

Institute of Earth Environment, CAS

Institute of Geophysics, China Earthquake Administration

8. Secretariats and Contacts

Secretary General: Professor Xiaoqing Chen

Conference website: http://www.sidrr.com/

Conference mailbox: sidrr@imde.ac.cn

Contact persons

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