



Badong International Geohazards Symposium

**The 2nd Badong International Geohazards Symposium
(BIGS2019)**

--- Prevention and Control of Reservoir Geohazards and
Ecological Environmental Protection
(2nd Bulletin)



Organizers

Department of Geosciences, National Natural Science Foundation of China
China University of Geosciences
People's Government of Badong County, Hubei Province
Three Gorges Research Center for Geohazards, Ministry of Education

Co- Organizer

China Three Gorges University

Partners:

Hubei Association for Science & Technology
K.C. Wong Education Foundation
Shanghai Huace Navigation Technology Ltd.
Changsha Yituo Sensing Technology Ltd.

24- 25 August 2019

Badong. Three Gorges. China



Badong International Geohazards Symposium

Background

The 2nd Badong International Geohazards Symposium (BIGS2019) will be held in Badong County in the Three Gorges Reservoir Area, Hubei Province, China on August 24-25, 2019. BIGS2019 is organized by the National Natural Science Foundation of China, Department of Geosciences, China University of Geosciences, People's Government of Badong County, Hubei Province and Three Gorges Research Center for Geohazards, Ministry of Education, co-organized by the China Three Gorges University. The two-days symposium will consist of academic speeches, posters presentation and field trips. Academic speeches include keynote speeches (30 minutes), invited speeches (20 minutes speech and 5 minutes free discussion), and parallel sessions presentations (20 minutes speech and 5 minutes free discussion). Poster presentation will be exhibited according to the topics. The poster requires one or two 750mm×1000mm layout. The investigation objects of field trips include typical geological hazards in the Three Gorges Reservoir Area, the Badong field test site of China University of Geosciences (Wuhan), the Wu Gorge and the Shennong River.

Symposium Date and Venue

Symposium date: 24-25 August, 2019

Symposium venue: Dongshengjiuzhou International Hotel, Badong County, Hubei Province

Address: 132 Yanjiang Avenue, Badong County, Hubei Province

Tel: 0718-5028888

Important Dates

First announcement (1st Bulletin of Symposium): November 29, 2018

Web: <http://www.bigscug.org>

No.388 Lumo Road, Hongshan, Wuhan 430074, Hubei,P.R. China



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Second announcement (2nd Bulletin of Symposium): July 12, 2019

Deadline for registration receipt: July 31, 2019

Deadline for poster and abstract submission: July 31, 2019

Check-in and on-site registration: August 23, 2019

Symposium: August 24-25, 2019

Symposium Organizer

Scientific Advisory Committee

Sijing Wang Peng Cui Xinqiang Niu Runqiu Huang Scott Burns
Robert E. Criss Yanping Shan Rafiq Azzam
Jean-Alain Fleurisson Tamuoene Kingdom Siemon ABAM
Bo-An Jang Doug Johnson D. Jean Hutchinson
Norberto Jorge Bejerman Vassilis Marinos Eugene A. Voznesensky

Scientific Committee

Chair: Huiming Tang

Co-chair: Jianbing Peng Charng Hsein Juang Yueping Yin
 Kyoji Sassa Faquan Wu Jiajun Dong Bin Shi
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Members:

Abdul Shakoor	Baosong Ma	Bo Yu
Carlos Carranza-Torres	Carlos Delgado	Changyan Chen
Chaosheng Tang	Chunan Tang	Cuiying Zhou
Enzhi Wang	Ez Eldin M. A. Mutasim	Farrokh Nadim
Fawu Wang	Fuan Si	Giorgio Lollino
Giovanni Crosta	Guang Wu	Guosheng Jiang
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Hua Long	Huizhong Li	Ian Moore
Janusz Wasowski	Jeffrey R Keaton	Jiading Wang
Jian Yang	Jianxin Hua	Keqiang He
Kiril Angelov	Kunlong Yin	Kuroschi Thuro
Louis van Rooy	Maosheng Zhang	Maria Heloisa Barros de Oliveira Frascá
Mark Eggers	Masahiro Chigira	Mauri McSaveney
Michel Jaboyedoff	Minghai Feng	Murat Karakus
Nengxiong Xu	Ngai Yuen Wong	Qiang Xu
Qing Wang	Quansheng Liu	Randall Jibson
Ren Wang	Robert E. Criss	Ruilin Hu
Saibal Ghosh	Shangde Xiao	Shengwen Qi
Shishu Zhang	Shiva P. Pudasaini	Shutao Yang
Siqing Qin	Theo van Asch	Tianbin Li
Tom Dijkstra	Vicki Moon	Wanghua Sui
Wei Wu	Wei Xiang	Weimin Ye
Wen Fan	Wenbin Jian	Wenneng Zhou
Wenping Li	Wenwu Chen	Xianchang Ling
Xiao Li	Xiaoqing Chen	Xiewen Hu
Xinli Hu	Yangqing Xu	Yanjun Shang
Yaojun Cai	Yogendra Deva	Yonggang Jia
Yongshuang Zhang	Yu Huang	Yu Liu
Zhenming Shi	Zhifang Zhou	Zhiye Zhao
Zhongqi Yue		

Organizing Committee

Chair: Huiming Tang Yanping Shan

Co-chair: Ling Guo Aijun Su Guowei Wang Yuyong Jiao

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Members:

Yamin Deng	Yiqun Gan	Songlin Gong
Wenping Gong	Shenfu He	Zhijun Hou
Shenghong Hu	Jinbo Huang	Yanni Huang
Yunan Li	Changdong Li	Jianfei Pi
Caidong Qian	Weifu Teng	Aimin Tian
Yang Wang	Liangqing Wang	Yiping Wu
Jincheng Xiao	Chengren Xiong	Siping Xu
Echuan Yan	Hongming Yu	Wei Zhang
Wei Zhang	Hanwen Zhou	

Secretariat

Secretary General: Hanwen Zhou

Deputy Secretary General: Weifu Teng Xiuchao Deng Xiulin Zhang

Symposium contents

Invited speeches

Abdul Shakoor (Kent State University, US): To be confirmed

Bo-An Jang (Kangwon National University, Korea): Evaluation and classification of slope condition and stability using the slope code system

Carlos Carranza-Torres (University of Minnesota, Duluth Campus, US): Analysis of mechanical stability of slopes. Compact representations of factor of safety and similarity of failure surfaces

Farrokh Nadim (Norwegian Geotechnical Institute, Norway): Risk assessment and stress testing concepts for improved safety of large dams

Jia-Jyun Dong (National Central University, Taiwan ROC): Predicting river

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blockage, early identifying the dam forming, and rapidly evaluating the hazards of landslide dam – A Review

Kiril Anguelov (University of Transport “Todor Kableshkov”, Sofia, Bulgaria): Engineering Geological Process which cause accident on dam walls

Kuroschi Thuro (Technical University of Munich, Germany): To be confirmed

Masahiro Chigira (Kyoto University, Japan): To be confirmed

Mauri McSaveney (GNS Science, New Zealand): What caused the 1991 landslide disaster at Touzhai village, Zhaotong, Yunnan: a geomorphic appraisal of the residual landslide risk.

Michel Jaboyedoff (University of Lausanne, Switzerland): To be confirmed

Murat Karakus (The University of Adelaide, Australia): To be confirmed

Mutasim Adam Mohamed Ez Eldin (Saudi Geological Survey, Kingdom of Saudi Arabia): To be confirmed

Rafiq Azzam (RWTH AACHEN University, Germany): To be confirmed

Robert E Criss (Washington University in St. Louis, US): Hydrogeologic Controls of the Huangtupo Landslide, Three Gorges Reservoir Region, China

Shiva P. Pudasaini (University of Bonn, Germany): A Multi-mechanical, multi-phase mass flow model –A new paradigm in simulating complex cascading mass flows

Tamunoene Kingdom Simeon Abam (River State University, Nigeria): To be confirmed

Theo van Asch (Utrecht University, The Netherlands): Unravelling the effect of a two-layer system on the mobility of rapid gravitational flows

Vicki Moon (The University of Waikato, New Zealand): Solid Earth tides as contributors to landslide triggering

Zhiye Zhao (Nanyang Technological University, Singapore): Water seepage control and grouting of rock cavern, a case study.

* To be continue...

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Abstracts and Special Issue in Engineering Geology

All accepted abstracts will be published in the Booklet of Abstracts. The excellent abstracts submitted to this symposium will be selected for organizing a special issue in Engineering Geology, “Prevention and Mitigation of Geohazards in the Reservoir Area – A Modern Perspective”. The proposal for this special issue has already approved by the editors-in-chief and editorial office of Engineering Geology; and, the online submission website of this special issue will be open in February of 2020.

Poster Presentation

Each attendee can provide 1 or 2 750mm×1000mm size posters. The texts and figures should be presented in English. The display content of the posters should be related to the flowing conference topics.

- ◆ Hypergenic geological process and evolution of geohazards
- ◆ Monitoring and early warning of geohazards
- ◆ Technologies of geohazards Prevention and Control
- ◆ Research and development of geohazards equipment
- ◆ Big data and artificial intelligence in geohazards
- ◆ Geohazards prevention and control harmonious development of ecological environment

The attendees intending to present posters are required to register on the conference website and submit the abstract online, and then sent the posters (.jpg or .pdf) files to the conference email address (biggs@cug.edu.cn). Please note the personal informations of the attendees in the email.

The BIGS2019 sets up “Poster Awards” for young graduates students, including 3 first prizes (1,000 RMB each); 5 second prizes (800 RMB each); 10 third prizes (500 RMB each). The winners will be awarded bonus and official certificates.



Field Trips

Route 1: Dongshengjiuzhou Hotel (main venue) — Baodong Yangtz River Bridge — Shijiapo landslide: The route exhibits the general situation of geohazards in the Three Gorges Reservoir Area, and the prevention history of Shijiapo landslide.

Route 2: Dongshengjiuzhou Hotel (main venue) — Yanjiang Road — Huangtupo Landslide (Badong field test site): The route exhibits the Huangtupo landslide, as well as the prevention, monitoring and research history, and the multi-tunnel system, in-situ experiments and monitoring condition of .the Badong field test site.

Route 3: Dongshengjiuzhou Hotel (main venue) — Shennong River (By boat): The route exhibits the valley and karst geomorphology in the Shennong River, the boat tracker exhibition hall and the Tujia minority culture show.

Route 4: Dongshengjiuzhou Hotel (main venue) — Wu Gorge (By boat): The route exhibits the geomorphology and geological environment of Wu Gorge, and the construction situation of new Badong county.

Symposium Schedules

The schedule of the symposium is shown in the table below.

Date	Time	Event
8.23	8:00-22:00	Registering
8.24	8:00-8:30	Opening Ceremony
	8:30-12:00	keynote speeches
	12:00-13:00	Lunch
	14:30-17:30	Field trip



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	18:00-19:30	Dinner
	19:30-22:30	Parallel sessions
8.25	8:00-12:00	Field trip
	12:00-13:00	Lunch
	14:30-17:30	Invited speeches
	17:30-18:00	Closing ceremony
	18:00-20:00	Dinner

Note: The Specific Report arrangement and poster exhibition can be seen in the further announcement.

Conference Fee and Payment

Except the invited experts, please register online and pay the conference fee by bank transfer according to the instructions in website before 24:00 of July 31, 2019. Otherwise you will not be able to get discounts.

Registration Fee:

Registration Category	Before 24:00 of July 31, 2019	After 00:00 of August 1, 2019
Full Registration	1200 RMB	1400 RMB
Student Registration	600 RMB	700 RMB
Accompanying Person	600 RMB	700 RMB

* The travelling expenses for field trip transportation, meals and documents are covered by the conference fee. **Note that the accommodation fee is excluded.**



Traffic and Accommodation

Volunteers will be settled in Badong railway station, East Yichang railway station and Yichang Sanxia Airport for guiding the traffic on August 23. Following three routes are recommended.

(1) From Badong railway station to Dongshengjiuzhou Hotel

The organizers provide free shuttle bus at the Badong railway station from 8:00 am to 18:00 on August 23. The attendees, who intend to take the pick-up shuttles, please inform the arrival time and number of people by Email (bigscug@cug.edu.cn).

(2) From East Yichang railway station to Dongshengjiuzhou Hotel

Leave the railway terminal and walk to the Yichang coach-bus central (5 minutes walk). Purchase the ticket for the coach-bus from Yichang to Badong (90 RMB per person, every 60 min one bus during the time 6:50 to 19:00) and take off the coach-bus in the front of the Dongshengjiuzhou hotel 3 hours after departure.

(3) From Yichang Three Gorges Airport to Dongshengjiuzhou Hotel

Take the airport shuttle bus or taxi to the Yichang coach-bus central and then take the coach-bus referring to route (2).

The main conference venue is Dongshengjiuzhou hotel and nearby hotels. Dongshengjiuzhou hotel has two room types, Deluxe Business Room (300RMB /day) and Executive Room (150RMB/day). If you need to book the room of the Dongshengjiuzhou hotel, please contact the organizer by Email or telephone. The price of hotels near the main venue is about 120~160/day. The attendees may also book the accommodation by them yourself though internet.



Contacts

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Committee of BIGS 2019

July 12, 2019