

Badong International Geohazards Symposium (BIGS2017)

---Reservoir Landslide

(2nd Bulletin)



Organizer

China University of Geosciences (Wuhan)

National Natural Science Foundation of China, Department of Geosciences

People's Government of Badong County, Hubei Province

Co-organizer

Youth Work Committee of Engineering Geology Professional Committee,

Geological Society of China

Sponsor

Science Press

Changsha Yituo Civil Engineering Monitoring Instrument Co., LTD

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25- 28 August 2017

Badong. Three Gorges. China

Background

The 1st Badong International Geohazards Symposium (BIGS) will be held in Badong County in Three Gorges Reservoir Area (TGRA), Hubei Province, China on August 25-28, 2017. BIGS is hosted by China University of Geosciences (Wuhan), National Natural Science Foundation of China, Department of Geosciences and People's Government of Badong County, Hubei Province. The 7th Youth Engineering Geological Seminar will be held during the Symposium.

The three-day symposium will consist of academic report, poster presentation and field trip. Academic report includes keynote speeches (30 minutes), invited reports (15 minutes speech and 5 minutes free discussion). Poster presentation will be exhibited according to the topics. The poster requires one or two A1 layout (594 mm × 840 mm). The investigation object of the field trip is the representative geological hazards in TGRA and Badong field test site of China University of Geosciences (Wuhan).

Symposium Date and Venue

Symposium date: August 25-28, 2017

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

Address: 132 Yanjiang Avenue (Passenger Transport Terminal for Waterway and Roadway)

Xinling Town

Badong County

Hubei Province

Tel: 0718-5028888

Important Dates

First announcement (1st Bulletin of Symposium): March 30, 2017

Second announcement (2nd Bulletin of Symposium): July 11, 2017

Deadline for registration receipt: July 20, 2017

Deadline for poster abstract submission: July 30, 2017

Check-in and on-site registration: August 25, 2017

Symposium convening: August 26-28, 2017

Symposium Organizer

Scientific Advisory Committee

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Runqiu Huang	Rui Zhang	Deji Chen
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Wenping Li	Xiao Li	Xianchang Ling
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Yanjun Shang	Bin Shi	Zhenming Shi
Fuan Si	Wanghua Sui	Zhiyu Sun

Chaosheng Tang	Chunan Tang	Enzhi Wang
Jiading Wang	Qing Wang	Ren Wang
Guang Wu	Faquan Wu	Wei Wu
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Nengxiong Xu	Qiang Xu	Yangqing Xu
Jian Yang	Weiming Ye	Kunlong Yin
Bo Yu	Zhongqi Yue	Shishu Zhang
Yongshuang Zhang	Chuangbin Zhou	Cuiying Zhou
Zhifang Zhou	Beatrice Baudet	Antonio Bobet
David Chapman	Hongey Chen	
Matthew Richard Coop	Robert E. Criss	Giovanni Crosta
Jonathan W. Godt	D.V. Griffiths	Murat Karakus
Timothy Kusky	Suzanne Lacasse	Simon Loew
Ning Lu	Mauri McSaveney	Kuroschi Thuro
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Wei Zhang

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Shu Zhang Yongquan Zhang Zhengyong Zhang

Jinguo Zhang Dezhou Zhao Guangxiao Zhao

Gang Zheng Yingying Zheng Cheng Zhong

Zongxing Zou

Symposium contents

According to the feedbacks, the conference includes the following contents. The final supplementary contents can be determined before the conference based on the newest feedbacks.

Keynote speech

Matthew Richard Coop (University College London): Advanced laboratory testing for geo-hazards

Stephen Fityus (The University of Newcastle): Instability in gently dipping sandstone strata

Anna Giacomini (The University of Newcastle): Rockfall hazards, analysis and mitigation measures design in civil and mining

Charng Hsein Juang (Clemson University): Reliability-based stability analysis of earth slopes

Ning Lu (Colorado School of Mines): Seepage induced landslides

Mauri McSaveney (The Institute of Geology and Nuclear Science): From creep to catastrophic collapse – an evolution mechanism for the 2009 Jiweishan landslide

Tomas M. Fernandez-Steeger (Technical University Berlin): LiDAR and SFM in rock mapping and for joint strength analysis/ Wireless Sensor Networks and Sensor Fusion for monitoring systems and geohazard management

Dwayne Tannant (University of British Columbia): New landslide monitoring technologies

Kuroschi Thuro (Technical University of Munich): Rock fall hazards assessment in the ALPS

Ákos Török (Budapest University of Technology and Economics): Rock fall hazard assessment by using TLS and UAV in combination with FEM analysis

Wei Wu (Vienna University of Natural Resources and Applied Life Sciences): Multiscale modelling of landslide and debris flow

Zhongqi Yue (The University of Hong Kong): Mechanism of giant rock ejection

at Donghekou during 2008 Wenchuan Earthquake

Invited speech

Xinli Hu (China University of Geosciences, Wuhan): To be confirmed

Yu Huang (Tongji University): Flow slides under microgravity environment: model tests and CFD simulations

Yonggang Jia (Ocean University of China): In-Situ observation of submarine landslide process in the Delta of Yellow River

Changdong Li (China University of Geosciences, Wuhan): Formation Mechanism and Prevention Measures of Landslides developed in Zigui Basin of the Three Gorges Reservoir Region

Jianbing Peng (Changan University): To be confirmed

Siqing Qin (Institute of geology and geophysics, Chinese academy of science): The physical mechanism of major earthquakes

Bin Shi (Nanjing University): To be confirmed

Aijun Su (China University of Geosciences, Wuhan): Construction of Three Gorges Reservoir Area geohazards innovation research platform

Huiming Tang (China University of Geosciences, Wuhan): Study on control theory of landslides based on the evolution process

Chunan Tang (Dalian University of Technology): Landslide warning based on micro-crack precursor: simulation and monitoring

Special speech

The session is hosted by Youth Work Committee of Engineering Geology Professional Committee, Geological Society of China. The specific title of the speech can be shown in the supplementary bulletin and conference handbook. The main reporters are follows.

Guojun Cai	Wenping Gong	Shouding Li	Honghu Zhu
Chaojun Ouyang	Qing Lv	Xiaoyan Zhao	Jiawen Zhou

Fengshou Zhang Xingang Wang Guangcheng zhang

Poster Presentation

Poster presentations are welcome. The size of poster should be one A1 layout (594 mm×841 mm). If the attendee demands more exhibition space, please note it in the Receipt Form attached in Appendix 1. The posters will be exhibited according to the intention topics. The topics involves following.

- ◆ Evolution mechanism of Geohazards
- ◆ Early identification of Geohazards
- ◆ Monitoring and forecasting of Geohazards
- ◆ Control technology of Geohazards
- ◆ Field test sites on Geohazards
- ◆ Emergency management of Geohazards

The attendees who intend to present posters should fill in the Receipt Form (Appendix 1) and mail it to the secretariat via biggs@cug.edu.cn. In addition, a poster abstract should be submitted according to Appendix 2: **Guidelines for Abstract Preparation and Submission**. The serial number and exhibit arrangement will be determined according to the submitted abstracts.

Field Trip

Three field trip routes have been planned for the attendees.

Route 1: Dongshengjiuzhou Hotel (main venue) ——Baodong Yangtz River Bridge——Shijiapo landslide

This route exhibits the general situation of geohazards in Three Gorges Reservoir Area (TGRA), as well as the prevention and remedial construction of Shijiapo landslide, a representative landslide in TGRA.

Route 2: Dongshengjiuzhou Hotel (main venue) ——Yanjiang Road——Huangtupo Landslide

This route exhibits the Huangtupo landslide, as well as the prevention and

remedial constructions, multi-tunnel system construction, in-situ experiment and monitoring arrangement.

Optional Route (at your own expense): Shennongxi geological investigation

Symposium Schedules

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

Date	Time	Event	Reporter	Anchorperson	Location/Notes
8.25	8:00-22:00	Registering		Weifu Teng	Lobby of the main venue
8.26	8:00-8:30	Opening Ceremony	Principal of People's Government of Badong County/The President of China University of Geosciences, Wuhan	Huiming Tang	Lecture hall
	8:30-12:00	keynote speech	Charng Hsein Juang, et al.	Huiming Tang, et al.	Lecture hall
	12:00-13:00	Lunch			Banquet hall
	14:30-17:30	Field trip	Changdong Li/ Junwei Ma	Chengren Xiong	Route 1
	18:00-19:30	Dinner			Banquet hall
	19:30-22:30	Special report (Part I)			Lecture hall
8.27	8:00-12:00	Invited reports and free discussion	Huiming Tang et a.	Chunan Tang, et al.	Lecture hall
	12:00-13:00	Lunch			Banquet hall
	14:30-17:30	Field trip	Jinge Wang/ Qingbing Liu	Chengren Xiong	Route 2
	18:00-19:30	Dinner			Banquet hall
	19:30-22:30	Special report (Part II)			Lecture hall
8.28	Depart from Badong, or optional field trip				

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

Conference Fee and Payment

The conference fee for each attendee is **1000 RMB** except the invited scientists. The travelling expenses for field trip, meals and documents are covered by the conference fee. **Note that the accommodation fee is excluded.** The conference fee should be **paid at the same time of onsite registration.**

Traffic and Accommodation

Volunteers will be settled in East Yichang railway station for guiding the traffic on 25 Aug. Two ways are provided for reference.

(1) From East Yichang railway terminal to Dongshengjiuzhou Hotel

Leave the railway terminal for the Yichang central coach-bus terminal by walking. Purchase the ticket from Yichang to Badong (90 RMB per person, every 50 min one bus during the time 6:50 am to 7:00 pm) and take a coach-bus to the gate of the hotel.

(2) From Yichang Three Gorges Airport to Dongshengjiuzhou Hotel

Take the airport shuttle (departs anytime according to the arrival airlines, 20 RMB per person) to the Yichang central coach-bus terminal and then take the coach-bus referring to (1).

The organizers provide free shuttles at the East Yichang railway station to pick up the attendees from 2:00 pm to 4:00 pm, 25 Aug. The attendees who intend to take the pick-up shuttles please note it at the receipt form in Appendix 1.

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). The attendees may choose you preferential room type and the organizers will book the accommodation for you. The price of hotels nearby the main venue is about 120~160/day. The

attendees may also book the accommodation yourself according to your own demands. The preferential accommodation should be noted in the receipt form in Appendix 1.



Contacts

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China University of geosciences, Ministry of Education
388 Lumo Road, Wuhan, Hongshan district, Hubei
Postcode: 430074

China University of geosciences
People's Government of Badong County
July 11, Aug, 2017

Appendix 1: Registration Form

NAME		Gender	Title/Position
Contacts	Organization Name		
	Address/Postcode		
	Tel/Cell phone		
	Email Address		
Attendance Type (√)	Poster presentation () Free discussion () Presentation title (英文) :		
Intention Topic (√)	<input type="checkbox"/> Evolution mechanism of Geohazards <input type="checkbox"/> Early identification of Geohazards <input type="checkbox"/> Monitoring and forecasting of Geohazards <input type="checkbox"/> Control technology of Geohazards <input type="checkbox"/> Field test sites on Geohazards <input type="checkbox"/> Emergency management of Geohazards		
Accommodation (√)	Deluxe Business Room () Executive Room () Book a hotel yourself ()		
Take a free ride of shuttle bus (√)	YES () NO ()		
Other Request			

附件 2

Guidelines for Abstract Preparation and Submission

- ◆ The symposium will only call for Poster presentation.
- ◆ Only original and unpublished works are invited.
- ◆ The return receipt (attached below) should be sent back to the secretariat biggs@cug.edu.cn no later than **20 July 2017**.
- ◆ All abstracts must be submitted in English using the template attached.
- ◆ All abstracts must be submitted no later than **30 July 2017** via email to the secretariat biggs@cug.edu.cn with the subject of “abstract submission + serial number”. The serial number will be determined once the return receipt received.

ABSTRACT TEMPLATE:

TITLE:

Serial No.

Author(1): Affiliation:

Author(2): Affiliation:

Author(3): Affiliation:

Author(4): Affiliation:

Correspondence email address:

Preferred Session/Topic (You can check more than one box):

- Evolution mechanism of Geohazards
- Early identification of Geohazards
- Monitoring and forecasting of Geohazards
- Control technology of Geohazards
- Field test sites on Geohazards
- Emergency management of Geohazards

ABSTRACT {in approximately 200 words}:

