

# UNESCO Chair 2018 Workshop on Geo-disaster Reduction in Three Gorges, China

# **Program**

21-22 April 2018

Yichang, CHINA

### **Organizers:**

China Three Gorges University
UNESCO Chair on Geoenvironmental Disaster Reduction in Shimane University











UNESCO Chair on Geoenvironmental Disaster Reduction, Shimane University, Matsue, Japan Welcome

Dear the ICGdR members and Advisors,

Our UNESCO Chair on Geoenvironmental Disaster Reduction has already been

launched in Shimane University, Matsue, Japan in February 2018. In order to discuss

about the operation and promotion of the UNESCO Chair, we'll hold a UNESCO Chair

Workshop on Geo-disaster Reduction in Three Gorges in Yichang, China on 21-22

April 2018.

In this workshop, the latest research achievements in the field of geo-disaster reduction

will be presented and discussed through a series of academic presentations. Besides, a

one-day field investigation on the typical geo-disasters in Three Gorges will be

organized. In addition, we have decided to create a series of books "Geoenvironmental

Disaster Reduction" with Springer, the details will also be discussed in this workshop.

Finally, on behalf of the organizing committee, we welcome you to Yichang and enjoy

your time here!

Best Regards

Professor Fawu WANG

Professor Guodong ZHANG

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### **Academic Advisory Committee**

Bin TIAN (Vice President, China Three Gorges University)

Akishige YUKIKUNI (Vice President, Shimane University, Japan)

Jingshan BO (Former President, Institute of Disaster Prevention, China)

### **Academic Committee**

#### **Chair Person:**

Masakatsu MIYAJIMA (President, International Consortium on Geo-disaster Reduction)

Fawu WANG (Director-General, International Consortium on Geo-disaster Reduction)

Guodong ZHANG (Dean, College of Civil Engineering & Architecture, China Three Gorges University)

#### **Vice Chair Persons:**

Hengxing LAN, Tonglu LI, Wei SHAN, Jun SHEN, Qiang XU

#### **Committee Members:**

Qiangong CHENG, Fuchu DAI, Ying GUO, Yong HONG, Mingjian HU, Bolin HUANG, Ping LI, Chun LIU, Jianhui LONG, Tingkai NIAN, Shengwen QI, Chaosheng TANG, Huabin WANG, Chong XU, Xin YAO, Wu YI

### **Organizing Committee**

#### **Chair Person:**

Guodong ZHANG (Dean, College of Civil Engineering & Architecture, China Three Gorges University)

Bolin HUANG (Director, Hubei Key Laboratory of Disaster Prevention and

### Mitigation, China Three Gorges University)

### **Committee Members:**

Zili DAI, Shuqiang LU, Kun SONG, Zhandong SU, Hufeng YANG, Longxiang ZHAO, Minggui ZHAO, Jinlin ZUO, Qingjun ZUO

# Registration

Registration time: 08:30-09:00

**Location**: Banshan Hotel

Registration fee: Free of charge, including conference expense on 21 April, field

investigation on 22 April, and meals during the conference.

## Venues

Banshan Hotel Tel: +086-0717-6269999

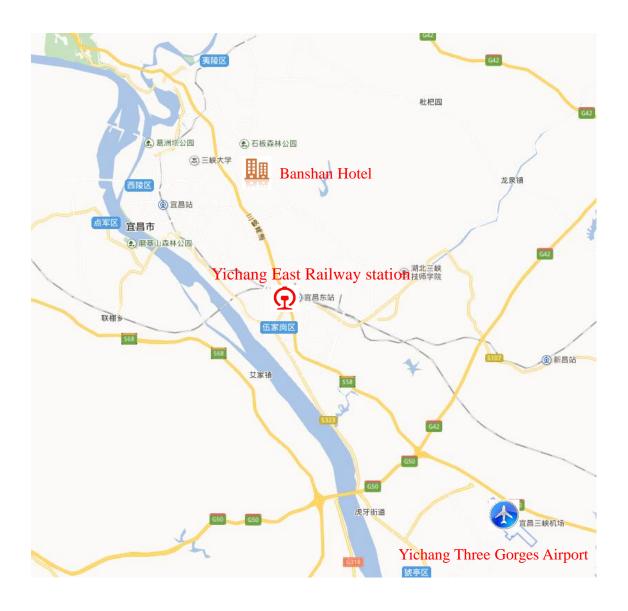
No. 56 Development Avenue of Dongshan Development Zone, Yichang, Hubei Province, China





# **Transportation**

| From Railway<br>Stations to Banshan<br>Hotel |   | From Yichang East Railway Station  By Taxi (taxi fee: 30 Yuan approximately). |
|--|---|---|
| From Airports to<br>Banshan Hotel            | 土 | From Yichang Three Gorge Airport  By Taxi (taxi fee: 120 Yuan approximately). |



# **General Program**

# Saturday, 21 April

| 08:30-09:00   | Registration  | Banshan Hotel  |  |  |  |
|---|---|--|--|--|--|
| Time: 9:00-12:15 Opening Ceremony & UNESCO Chair Workshop |   |  |  |  |  |
| Venue : Banshan Hotel                                     |   |  |  |  |  |
| 09:00-09:30   | Opening Ceremony  |  |  |  |  |
| 09:30-09:55   | Fawu WANG (Shimane University, Japan)  UNESCO Chair on Geoenvironmental Disaster Reduction: Improving the Relationship between Geoenvironment and Society |  |  |  |  |
| 09:55-10:20   | Masakatsu MIYAJIMA (Kanazawa University, Japan)  Quick Report on Damage Investigation of the 2017 Iran-Iraq Earthquake                                    |  |  |  |  |
| 10:20-10:45   | Tonglu LI (Chang'an University, China) Water Migration in Loess   |  |  |  |  |
| 10:45-11:00   |   | Break  |  |  |  |
| 11:00-11:25   |   | u University of Technology, China) ning based on deformation monitoring  |  |  |  |
| 11:25-11:50   | · · · · · · · · · · · · · · · · · · ·   | ina Three Gorges University) ated by landslide in Three Gorges Reservoir |  |  |  |
| 11:50-12:15   | China)  | solutions to the mechanical behavior of meso-scale                       |  |  |  |
| 12:15-13:30   |   | Lunch Place: Banshan Hotel   |  |  |  |

| Time: 13:30-18:00 UNESCO Chair Workshop |   |  |  |  |
|---|---|--|--|--|
| Venue : Banshan Hotel                   |   |  |  |  |
|   | Chun LIU (Tongji University)  |  |  |  |
| 13:30-13:55                             | Deformation Monitoring and Spatial-Temporal Characteristic<br>Analysis of Large-Scale Landslides with Spaceborne Radar Remote<br>Sensing                        |  |  |  |
| 13:55-14:20                             | Xin YAO (Institute of Geomechanics, Chinese Academy of Geological Sciences)   |  |  |  |
|   | Geo-hazards Reduction by InSAR Methodology in China   |  |  |  |
| 14:20-14:45                             | <b>Chong XU</b> (Institute of Geology, China Earthquake Administration)   |  |  |  |
|   | Landslides triggered by the 2017 Jiuzhaigou (China) earthquake and the implication to the earthquake energy release pattern                                     |  |  |  |
|   | Chaosheng TANG (Nanjing University)   |  |  |  |
| 14:45-15:10                             | Improvement of soil desiccation cracking resistance by discrete fiber reinforcement   |  |  |  |
| 15:10-15:30                             | Break   |  |  |  |
|   | Ying GUO (Northeast Forestry University)  |  |  |  |
| 15:30-15:55                             | Engineering and environmental geological issues related to highway construction in the Background of Permafrost Degradation in High Latitude Permafrost Regions |  |  |  |
| 15:55-16:20                             | Xianglong YAO (Institute of Geology and Geophysics, Chinese Academy of Sciences)  |  |  |  |
|   | Empirical Attenuation Models of the Peak Ground Acceleration (PGA) in the Near-field of an Earthquake and its relation to earthquake-induced landslides         |  |  |  |
|   | Kun SONG (China Three Gorges University)  |  |  |  |
| 16:20-16:45                             | Reservoir landslide deformation behavior triggered by water level fluctuations in the Three Gorges Reservoir, China   |  |  |  |
| 16:45-17:10                             | Kai GU (Nanjing University)   |  |  |  |
|   | Full section monitoring of land subsidence borehole using Distributed Fiber Optic Sensing techniques  |  |  |  |

Dinner 18:00

### **Place: Banshan Hotel**

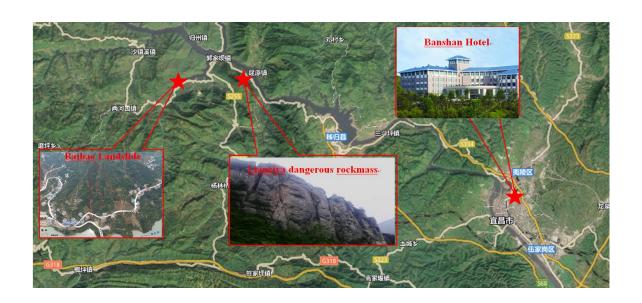
Time: 19:00-20:00 Council meeting of ICGdR

Venue: Banshan Hotel

## Sunday, 22 April

# Field trip

| Time                         | Route                       |
|------------------------------|-----------------------------|
| 22 <sup>th</sup> April 7:30  | Banshan Hotel               |
| 22 <sup>th</sup> April 10:00 | Baibao Landslide            |
| 22 <sup>th</sup> April 11:30 | Lianziya dangerous rockmass |
| 22 <sup>th</sup> April 13:30 | Lunch, Maoping              |
| 22 <sup>th</sup> April 15:00 | Three Gorges Dam            |
| 22 <sup>th</sup> April 17:30 | Banshan Hotel               |



## Other information

#### Contact us

Hubei Key Laboratory of Disaster Prevention and Mitigation, China Three Gorges University

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Prof. Fawu Wang (136-4123-3099, wangfw@riko.shimane-u.ac.jp)