



INTERNATIONAL CONSORTIUM  
ON GEO-DISASTER REDUCTION

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# 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**



United Nations  
Educational, Scientific and  
Cultural Organization



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

## **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, Mingguai 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

<p><b>From Railway Stations to Banshan Hotel</b></p>		<p>From Yichang East Railway Station</p> <ul style="list-style-type: none"><li>● By Taxi (taxi fee: 30 Yuan approximately).</li></ul>
<p><b>From Airports to Banshan Hotel</b></p>		<p>From Yichang Three Gorge Airport</p> <ul style="list-style-type: none"><li>● By Taxi (taxi fee: 120 Yuan approximately).</li></ul>



# General Program

Saturday, 21 April

<b>08:30-09:00</b>	<b>Registration</b>	<b>Banshan Hotel</b>
<b>Time: 9:00-12:15 Opening Ceremony &amp; UNESCO Chair Workshop</b> <b>Venue : Banshan Hotel</b>		
<b>09:00-09:30</b>	<b>Opening Ceremony</b>	
<b>09:30-09:55</b>	<b>Fawu WANG</b> (Shimane University, Japan) UNESCO Chair on Geoenvironmental Disaster Reduction: Improving the Relationship between Geoenvironment and Society	
<b>09:55-10:20</b>	<b>Masakatsu MIYAJIMA</b> (Kanazawa University, Japan) Quick Report on Damage Investigation of the 2017 Iran-Iraq Earthquake	
<b>10:20-10:45</b>	<b>Tonglu LI</b> (Chang'an University, China) Water Migration in Loess	
<b>10:45-11:00</b>	<b>Break</b>	
<b>11:00-11:25</b>	<b>Qiang XU</b> (Chengdu University of Technology, China) Landslide early warning based on deformation monitoring	
<b>11:25-11:50</b>	<b>Bolin HUANG</b> (China Three Gorges University) Impulse wave generated by landslide in Three Gorges Reservoir	
<b>11:50-12:15</b>	<b>Huabin WANG</b> (Huazhong University of Science and Technology, China) Key issues and solutions to the mechanical behavior of geomaterials in the meso-scale	
<b>12:15-13:30</b>	<b>Lunch</b> <b>Place: Banshan Hotel</b>	



**Time: 13:30-18:00 UNESCO Chair Workshop**

**Venue : Banshan Hotel**

<b>13:30-13:55</b>	<b>Chun LIU</b> (Tongji University) Deformation Monitoring and Spatial-Temporal Characteristic Analysis of Large-Scale Landslides with Spaceborne Radar Remote Sensing
<b>13:55-14:20</b>	<b>Xin YAO</b> (Institute of Geomechanics, Chinese Academy of Geological Sciences) Geo-hazards Reduction by InSAR Methodology in China
<b>14:20-14:45</b>	<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
<b>14:45-15:10</b>	<b>Chaosheng TANG</b> (Nanjing University) Improvement of soil desiccation cracking resistance by discrete fiber reinforcement
<b>15:10-15:30</b>	<i>Break</i>
<b>15:30-15:55</b>	<b>Ying GUO</b> (Northeast Forestry University) Engineering and environmental geological issues related to highway construction in the Background of Permafrost Degradation in High Latitude Permafrost Regions
<b>15:55-16:20</b>	<b>Xianglong YAO</b> (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
<b>16:20-16:45</b>	<b>Kun SONG</b> (China Three Gorges University) Reservoir landslide deformation behavior triggered by water level fluctuations in the Three Gorges Reservoir, China
<b>16:45-17:10</b>	<b>Kai GU</b> (Nanjing University) Full section monitoring of land subsidence borehole using Distributed Fiber Optic Sensing techniques



<b>18:00</b>	<i>Dinner</i>
<b>Place: Banshan Hotel</b>	
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](mailto:wangfw@riko.shimane-u.ac.jp))