

IGU Hazard and Risk Commission meeting minutes

Approval: September 5, 2016

Recorded by M. Zaiki

I. ATTENDEE

NAME	Organization	Role in Steering Committee
Takashi OGUCHI	The University of Tokyo	chair
Masumi ZAIKI	Seikei University	secretary
Honglin HE	China Earthquake Administration	member
Alessandro C. MONDINI	Istituto di Ricerca per la Protezione Idrogeologica	member
R.B. SINGH	University of Delhi	Vice president of IGU
Pavel Ya. GROISMAN	NOAA, National Climatic Data Center	
Owen GRAHAM		Secretary of the commission of Land Degradation & Desertification

II. MEETING DATE & TIME

September 25, 2016

8:00-9:30 (CST)

III. MEETING PLACE

VIP room 3-1, China National Convention Center

Beijing, P. R. China

IV. AGENDAS

1. Mission Statement 2016-2018 (see VII: HANDOUT 1)
2. Steering Committee Members 2016-2018 (see VII: HANDOUT 2)
3. Suggested actions

V. SUGGESTED ACTIONS

- Let IGU Hazard and Risk commission to be the main or co-organizer when our

members organize or propose sessions in related workshops or conferences. Some related meetings are listed in Handout 1. For example, OGUCHI will propose a joint session concerning GIS and Remote Sensing in Geomorphology at the International Conference on Geomorphology (9th ICG), New Delhi, India in November 6-11, 2017.

- Propose and organize excursions particularly when funds are available.
- Collaborate with other IGU commissions such as “Land degradation and Desertification” and “Geomorphology and Society”. Joint sessions and business meetings with these commission at future IGC meetings is one of possibilities.

VI. NEXT BUSINESS MEETING OF STEERING COMMITTEE

- International Geographical Union Regional Conference held in Quebec City, Canada in August 6-10, 2018
- We will discuss via e-mail when urgent issues are raised.

VII. HANDOUTS

1. Mission Statement 2016-2018

- A) Develop geographical approaches to hazards through international collaborations. Hazards (especially natural hazards) are serious problems worldwide, and their characteristics need to be investigated from geographical viewpoints. Related subfields in geography are various, including those of both physical and human geography. Numerous studies have been conducted on this topic, but we need to develop relevant research further by utilizing strong international connections and functions of IGU.
- B) Develop applications of digital geospatial data and GIS/RS technologies for investigations of hazards and risk. They includes recent techniques such as handy RS using drones, photogrammetry supported by artificial intelligence, and terrestrial laser scanning. We will also discuss how to utilize existing geospatial databases effectively for geographical research on hazard sand risk.
- C) Encourage and support young geographers particularly undergraduate and graduate students. For example, we will discuss the possibility of providing online educational materials to learn how to use geospatial data and GIS for geographical analyses related to hazards and risk. Increasing availability of open source software and data is making such approaches realistic for students worldwide including those in developing countries.
- D) Increase collaborations with other commissions of IGU and other scientific associations. For example, activities of two IGU commissions, “Land Degradation

and Desertification” and “Geomorphology and Society” have common aspects to our activities. We will have frequent communications with steering committee members of such commissions, and seek for possibilities of effective collaborations. Communications will also be made with relevant societies other than IGU such as the International Associations of Geomorphologists (IAG).

E) Organize academic sessions on hazard and risk at the conferences of IGU and other associations. We plan to have such sessions at:

- IGC, China, 2016
- All other IGC and IGU regional meetings to be held between 2016 and 2020.
- Meeting at JpGU (Japan Geoscience Union), Makuhari, Japan, 2017
- ICG (International Conference on Geomorphology), Delhi, India, 2017
- ICC (International Cartographic Conference), Tokyo, 2019

2. Steering Committee Members 2016-2018

- **Chair: Takashi OGUCHI**
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<http://researchmap.jp/read0007832/?lang=english>
- **Secretary: Masumi ZAIKI**
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