

Report of IGU Hazard and Risk Commission 2020

- Membership

The following 10 people are the current members of the steering committee (SC).

Takashi OGUCHI (Chair)

Center for Spatial Information Science, The University of Tokyo, Japan

oguchi@csis.u-tokyo.ac.jp

<http://researchmap.jp/read0007832/?lang=english>

Masumi ZAIKI (Secretary)

Faculty of Economics, Seikei University, Japan

mzaiki@econ.seikei.ac.jp

<https://researchmap.jp/zaikimasumi?lang=en>

Honglin HE

Institute of Geology, China Earthquake Administration, China

honglinhe123@vip.sina.com

http://en.igl.earthquake.cn/wwwroot/c_00000006/d_0010.html

Jr-Chuan HUANG

Department of Geography, National Taiwan University, Taiwan

riverhuang@ntu.edu.tw

<http://www.geog.ntu.edu.tw/en/people/professors?id=896>

Edilia JAQUE Castillo

Departamento de Geografia, University of Concepcion, Chile

edjaque@udec.cl

https://www.researchgate.net/profile/Edilia_Castillo

Veena JOSHI

Department of Geography, University of Pune, India

veenaujoshi@gmail.com

https://www.researchgate.net/profile/Veena_Joshi9

Cary J. MOCK

Department of Geography, University of South Carolina, USA

mockcj@sc.edu

<http://artsandsciences.sc.edu/geog/cary-j-mock>

Alessandro C. MONDINI

Geomorphology Research Group, Istituto di Ricerca per la Protezione Idrogeologica, Italy

Alessandro.Mondini@irpi.cnr.it

<http://geomorphology.irpi.cnr.it/staff/alex>

Sergey A. SOKRATOV

Faculty of Geography, Lomonosov Moscow State University, Russia

sokratov@geogr.msu.ru

https://www.researchgate.net/profile/Sergey_Sokratov

Marie-Jeanne S. Royer

School of Anthropology and Conservation, University of Kent, UK

M.S.Royer@kent.ac.uk

<https://www.kent.ac.uk/anthropology-conservation/people/991/www.kent.ac.uk/anthropology-conservation/people/991/royer-marie-jeanne>

There are other 122 corresponding members who regularly receive information via e-mail. The members are from the following countries (number of people in parentheses): Bangladesh (1), Brazil (1), Cameroon (1), Chile (2), China (34), China (HK) (1), Fiji (1), France (3), India (16), Indonesia (1), Iran (2), Iraq (1), Israel (1), Italy (3), Japan (13), Kuwait (1), Mexico (1), Myanmar (1), Nepal (1), Oman (1), Poland (1), Portugal (1), Romania (4), Russia (1), Singapore (2), Slovenia (1), Spain (1), Taiwan (5), Turkey (1), UK (2), USA (8), and Vietnam (1)

- Meetings

1) Co-organizing the IGU Thematic Conference on Agriculture, Food, Water, Biodiversity and Health in Changing Climate, at Bardhaman University, Bardhaman, India, on March 6–8, 2020

This thematic conference was organized by the Department of Geography, the University of Burdwan, India, along with the five IGU Commissions: Biogeography and Biodiversity, Climatology, Geo-heritage/Geo-parks, Land use and Land Cover Changes, and our Hazard and Risk commission. More

than 200 papers were presented during the conference. Participants were from India, Bangladesh, Nepal, Bhutan, Australia and Sri Lanka. Although the chair of our commission, Takashi Oguchi, tried to attend the conference to deliver a talk at a plenary session, he could not get a visa to enter India due to COVID-19 restrictions. However, he sent the video file of his talk, and it was played at the session.

2) Co-organizing the two-day international webinar: Innovations in Disaster Risk Reduction: Aiming towards a Resilient Society, on Sept. 10–11, 2020.

This webinar focusing on disaster risk reduction was organized by the Department of Geography, Diamond Harbour Women's University (DHWU), India, with our commission. About 70 papers were presented in two plenary sessions and six technical sessions, and presenters were from India, Bangladesh, Italy, Japan, Poland, and South Africa. Three SC members of our commission, Takashi Oguchi, Alessandro Mondini, and Veena Joshi became resource persons of the webinar, and they gave talks at plenary sessions. In addition, three other SC members of our commission, Masumi Zaiki, Jr-Chung Huang, and Edilia Jaque Castillo became members of the Advisory Committee of the webinar.

IGU Commission on Hazard and Risk **IGU UGI**

Department of Geography, Diamond Harbour Women's University
In collaboration with
IGU Commission on Hazard and Risk, International Geographical Union (IGU)

Organising
A two-day International Webinar on
INNOVATIONS IN DISASTER RISK REDUCTION: AIMING TOWARDS A RESILIENT SOCIETY

Thursday | 10 September 2020, 11 am. – 3 pm. (IST) and Friday | 11 September 2020, 10 am. – 3 pm. (IST)

<http://dhwu.ac.in>

Registration: <https://forms.gle/Msh8EjXGIBwFCgm29> Abstract submission: <https://forms.gle/shZ9jQ3Kw4P6t2hg5>
Telegram group to get updates: <https://t.me/joinchat/RvMaiko77rRbWHGVuxMYeA>
Join us on **Google Meet** and **YouTube** (There is no registration fee. E-Certificate will be provided to all attendees.)
Contact us: dhwugeo@gmail.com ☎ +91 9735163186 (Dr. Kapil Ghosh) / +91 9831232726 (Dr. Anindya Basu)

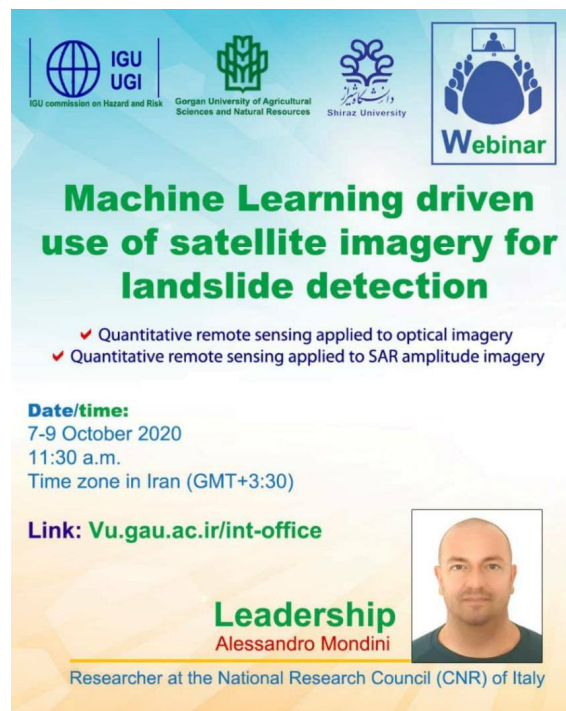
Poster of the webinar organized by DHWU and our commission



Screenshot of the webinar. Veena Joshi (upper left) and Takashi Oguchi (upper right) were from our commission. Sujit Mandal (lower left) from DHWU was the main convener of the webinar.

3) Supporting the three-day online seminar: Machine Learning Driven Use of Satellite Imagery for Landslide Detection, on October 7–9, 2000

Alessandro Mondini, a steering committee member of our commission, became the academic leader of this thematic online seminar organized by Gorgan University of Agricultural Sciences and Natural Resources, Iran. He gave a series of talks on quantitative remote sensing applied to optical and SAR amplitude imagery. Our commission became an official supporter of the seminar.



Poster of the online seminar

4) Co-organizing the IGU GeoNight Event in Japan on December 19, 2020

As one of IGU GeoNight events in 2020, our commission organized the Workshop on Disaster Reduction and Digital Maps in collaboration with the Japan National Committee for IGU, Outreach Research Group of the Association of Japanese Geographers, and the Center for Spatial Information Science, the University of Tokyo. It was an online event because of COVID-19. Eighteen people including high school and university students, graduate students, high school teachers, researchers, and governmental officials attended the event. At the beginning, the chair of our commission, Takashi Oguchi gave a lecture. Then PhD students of his laboratory conducted online exercises of digital mapping in relation to natural hazards.



Poster of the GeoNight event

The following events are currently planned:

- 1) Co-organizing the webinar: Geospatial Technology for Sustainable Development on February 5 and 6, 2021.

The Department of Geography, University of Mysore, India, plans to have the GIS-related webinar in collaboration with some IGU commissions including ours. Details of the webinar will be announced soon. The chair of our commission, Takashi Oguchi, will be one of keynote speakers.

2) Co-organizing the ICEO & SI Conference in 2021

The ICEO & SI Conference has been held annually by TGEO (Taiwan Group on Earth Observations) and our commission was a co-organizer of the ICEO & SI in 2019. Our commission was supposed to be a co-organizer of the ICEO & SI in 2020 at National Central University, Taoyuan, Taiwan, on June 21–24, 2020. However, the conference was cancelled due to COVID-19. If the ICEO & SI will be held in 2021, our commission is likely to be a co-organizer.

3) Official partner/sponsor of the Geomorphometry 2021 Conference in Perugia, Italy, on September 6–10, 2021 (<http://www.geomorphometry2020.org/>)

The Geomorphometry Conference, focusing on quantitative land surface analysis, is usually held every one or two years. The 2020 conference was planned to be held by the Research Institute for Geo-Hydrological Protection of the Italian National Research Council (CNR IRPI) and the Department of Physics and Geology of the University of Perugia, but was postponed to 2021 due to COVID-19. Our commission is an official partner of the conference. Alessandro Mondini, an SC member of our commission, is working for the CNR-IRPI, and has been negotiating with the conference organizing committee as a representative of our commission.

4) Session at the 34th International Geographical Congress in Istanbul, Turkey, on August 17–21, 2021.

For the IGU Congress in Turkey, our commission has proposed a session “Contribution of Geography to Understanding Natural Disasters: Research, Education, and Society”. The session will be chaired by two SC members of our commission: Takashi Oguchi and Marie-Jeanne Royer.

- Publications

URL of the website of commission:

http://oguchaylab.csis.u-tokyo.ac.jp/IGU_Hazard/index.html