

**World Federation of Engineering Organizations  
Standing Technical Committee on Disaster Risk Management**

**Annual Face-to-Face Meeting No. 5**

**When:** Dec. 11 (Thurs), 2015, 14:00 – 16:00

**Where:** Room XIII (B2) at UNESCO Bonvin Building

**Meeting materials:** Agenda for CDRM Face-to-Face Meeting (one page)  
Minutes of Annual Face-to-Face Meeting No.4 @ Singapore, 2013

**Agenda**

1. Opening Remarks by DRM committee Chair (Prof.Komatsu)
2. Introductions (each participant)
3. Meeting summary:  
WFEO-CDRM Annual Face-to-face meeting, No. 4 at Singapore, September 9, 2013 (by Moderator)
4. 2014 activities report by committee chair and others  
Reporters: Prof. Komatsu, Prof. Tsukahara, Dr. Kanga, etc.  
Sub-moderator: Prof. Tsukahara
5. Subsequent planning activities  
Reporters: Prof. Komatsu, Prof. Tsukahara, Dr. Kanga, etc.  
Sub-moderator: Prof. Tsukahara
6. Other businesses
7. Closing remarks and adjournment (Prof.Komatsu)

Note: Moderator and Recorder: Dr. Kimura

## **0. Attendance List**

### Chair

Prof. Toshimitsu Komatsu      Japan

### Water-related Disaster Risk Management (WDRM) Subcommittee Members

Prof. Kenichi Tsukahara      Japan (leader of WDRM & Secretary of CDRM)

Dr. Kazumasa Ito              Japan (former Secretary)

Dr. Yumio Ishii                Japan (former Chair of CDRM)

### Earthquake-related Disaster Risk Management (EQDRM) Subcommittee Members

Prof. Paul S. Nacouzi          Lebanon

### Capacity Building for Natural Disaster Risk Management (CBNDRM) Subcommittee Members

Dr. Marlene Kanga              Australia (Vice-chair of CDRM, Leader of CBNDRM)

Er. Ashok K. Basa              India

Eng. Ahamad Banman         Kuwait

Prof. Vilas Mujumdar          USA

### Observers

Eng. Pratarp Singh              South Pacific Engineers Association

Dr. Jun'ichi Sato                Japan (WECC2015 Organizer)

Eng. Farai Mavhiya              Engineering Council of Zimbabwe

Eng. Darrel Danylok            Canada (CEE Chair)

Eng. Tomas A. Sancho          World Council of Civil Engineers

### Secretariat

Dr. Nobuaki Kimura            Japan (Deputy secretary of CDRM)

## **1. Opening Remarks**

The Chair (Prof. Komatsu) provided welcome greetings and emphasized that the roles of the DRM committee become more important because of recent disaster situations worldwide.

## **2. Introductions**

Each participant briefly introduced his/her name and affiliation to the others.

## **3. 2013 Face-to-Face Meeting summary**

Basic minutes for the previous face-to-face meeting in Singapore were reported, noting the important issues (see Appendix-I).

## **4. 2014 activities report**

The Chair discussed the DRM committee midterm report that shows the committee organizational chart and 2014 activity progress from March through October. The report includes the international symposium (held at Kobe, Japan, on September 13), international collaborations, new guideline updates and other items. There was some Q&A as follows: (Q) How is the progress toward new and renewed disaster-related guidelines? (A) Progresses

toward creation and updating of new guidelines remain slow or pending. The new guideline for water-related disasters may be greatly changed after the 3rd WCDRR outcomes and consideration of climate change impacts. It may also be necessary for the guideline to be substantially updated after determination of the UN post-2015 development agenda (hereafter, post-2015 agenda).

Dr. Kanga addressed the creation of the resource-sharing website for “Global Natural Disaster Risk Management” as a sub-committee activity of the CBNDRM and presented a demonstration of the website. This website was developed with WFEO webmaster assistance, and is supported by a private insurance company. It is unlikely that the website has security or copyright problems because of the preview system checked by Dr. Kanga and the webmaster. Dr. Kanga also discussed the 2014 international conference, I3R2, at Purdue Univ., in which Chair and Prof. S. Chen Wirasinghe (a CBNDRM member) participated (see Appendix-II). Insurance companies worldwide are likely to be interested in the DRM. The JICA is currently working for the DRM in Asia regions.

### **5. Subsequent planning activities**

Based on the 2013–2017 term plans of the CDRM targeting severe disasters under climate change, the Chair addressed near-future activities for the DRM committee, including 2015 international symposium during the WECC2015, potential renewal of organization structure, international collaboration with 2015-I3R2 and other items. For inputs to the post 2015 agenda, some members (the Chair and Prof. Tsukahara) have dedicated themselves to the IRDR and UN-ISDR program, which will hold a preparatory meeting (Tokyo Conference on DRRR) in January 2015 in strong-collaboration with the SCJ. The IRDR was established under the UN-ISDR and the ICSU. The audience for this presentation had several questions, for example: (Q) Why not provide inputs directly to the 3rd WCDRR and SDGs? (A) The Tokyo Conference (January 2015) is a two-month-ahead preparatory meeting for the WCDRR. This meeting has been already prepared by other organizations, including UN systems and the Japanese Government; it is too late to join their preparation committees. However, the WCDRR still has room for input for the preparatory meeting, because the preliminary preparations are currently done with about half complete state. This is why the Chair and Prof. Tsukahara are working for the preparatory meeting. Conversely, inputs to the SDGs are more complicated at present. The DRM committee may not now directly affect the SDGs.

Other comments were as follows:

- Prof. Nacouzi announced that about five people in the DRM committee members may be invited to the Earthquake Risk Management workshop, which will be held in early May, 2016, in Lebanon. He will give more detailed information on the workshop to the potential participants and the Chair.
- In India, disasters differ depending on the region, so each region will prepare international meetings for disaster reduction. These meetings may be potentially advised by the DRM

committee (Er. Basa's report).

- Because the FEIAP (<http://www.feiap.org/>) has a committee associated with the DRM, the Chair may have a consideration of coordinating with the FEIAP in the Asian-Pacific regions (Dr. Kanga's suggestion). The Chair will think about this issue carefully.

## **6. Other businesses**

The committee-name abbreviation could be changed to DRM, Resilience, Disaster Resilience, Disaster Risk, Management & Resilience etc. Committee members will continue the discussion regarding a new name. "Disaster Resilience" could be one such name. In USA and UN systems, "Resilience" is a more popular key word for disaster related issues. "Resilience" refers to the effectiveness of risk management before and event and recovery afterward.

## **7. Closing remarks and adjournment**

The Chair expressed to us his appreciation for the participants who had valuable discussions and requests for continuous contributions to committee activities."

## **Abbreviations**

CBNDRM	= Capacity Building for Natural Disaster Risk Management (subcommittee of CDRM)
CDRM	= WFEO-Committee on Disaster Risk Management
DRM	= Disaster Risk Management
DRRR	= Disaster Risk Reduction and Resilience
Eng.	= honorific title of Engineer
Er.	= honorific title of Engineer
FEIAP	= Federation of Engineering Institutions in Asia and the Pacific
I3R2	= International Institute for Infrastructure Renewal and Reconstruction
ICSU	= International Council for Science
IRDR	= Integrated Research on Disaster Risk
JICA	= Japan International Cooperation Agency
SCJ	= Science Council of Japan
SDGs	= Sustainable Development Goals
STC	= Standing Technical Committee
UN	= United Nations
UN-ISDR	= United Nations International Strategy for Disaster Reduction
WCDDR	= World Conference on Disaster Risk Reduction, the 3rd conference in 2015 March, held in Sendai, Japan
WECC2015	= World Engineering Conference and Convention in 2015, held in Kyoto, Japan

**Appendix-I**  
**World Federation of Engineering Organizations**  
**Standing Committee on Disaster Risk Management**

**Annual Face-to-Face Meeting No. 4**

Monday September 9, 2013, 9:00 to 13:00

Marina Bay Sands, Sands Expo and Convention Centre (Room 3011) at Singapore

**Agenda**

1. Opening
2. Welcome address by committee chair
3. Meeting summary: Face-to-face meeting No. 3 – Slovenia, September 17, 2012
4. Activities report by subcommittee leaders
  - 4.1. Overall Committee report
  - 4.2. Water-related Disaster Risk Management
  - 4.3. Earthquake-related Disaster Risk Management
  - 4.4. Capacity Building for Natural Disaster Risk Management
  - 4.5. Discussion and Q&A
5. New members of the Committee
6. Planning activities for the 2nd phase
  - 6.1. New committee structure and organization
  - 6.2. New strategic plan of the committee
  - 6.3. Water-related disaster risk management subcommittee plan
  - 6.4. Earthquake-related disaster risk management subcommittee plan
  - 6.5. Capacity building for Natural Disaster Risk Management subcommittee plan
  - 6.6. Discussion and Q&A
7. Other topics
8. Closing remarks and adjournment

-- Important remarks --

\*Past activities:

- Sub-committee CBNDRM headed by Dr. Kanga started since 2012.
- Joint international symposium on DRM was held in Japan, Sept. 2013.
- International collaborations were performed by individual members.
- New organization structure started since Sept. 2013, with Prof. Komatsu Chair (Dr. Kanga: Vice Chair; Prof. Tsukahara: subcommittee WDRM leader and Secretary; Dr. Kimura: deputy Secretary; two new members)

\*Future plan: 2014 Joint international symposium on DRM, International collaboration with IIRR, UNESCO etc., CDRM inputs to SDGs and 3<sup>rd</sup> WCDRR, Creation of web-based resources, Maintenance of membership, etc.

(NOTE) IIRR= International Institute for Infrastructure Renewal and Reconstruction; SDGs= Sustainable Development Goals; WCDRR= World Conference on Disaster Risk Reduction.

## **Appendix-II**

### **WFEO Committee for Disaster Risk Management Activities of the Sub-Committee for Capacity Building for Natural Disaster Risk Management Sept 2013- Dec 2014**

#### **1. Approval of name of the Sub-Committee**

The name of the Sub Committee as Capacity Building for Natural Disaster Risk Management was approved at the CDRM meeting in Singapore. September 2013.

#### **2. Portal for Sub Committee documents**

A portal has been established for sub-committee documents and works in progress. Access can be provided to all members who are working on the sub-committee.

#### **3. Australian Earthquake Engineering Society Conference, Hobart 15 November 2013**

A discussion on the work of the sub-committee and a call for contributions was made at the Australian Earthquake Engineering Society Conference in November 2013. Information on the Conference was included in the CDRM Newsletter, January 2014.

#### **4. Call for Participation in I3R2 Conference, USA May 2014**

A Call for papers and proposal to participate in the International Conference of the International Institute for Infrastructure Resilience and Reconstruction (I3R2) held in Purdue University in May 2014 was sent to all members. The CDRM Chair, Prof. Komatsu, and CDRM member, Prof. S. Chan Wirasinghe, participated and presented papers.

The Call for Papers for the next I3R2 conference is attached to this report. This will be held in Korea from August 27 to 29, 2015.

#### **5. Web Page for resource established with sponsor**

A web page for natural disaster risk management resources was developed and discussed at the Executive Council meeting in April 2014 in Paris where some members of the CDRM were present. Further development was done subsequently include a search function.

The web page is now live. Members can easily add resources to the web page using the “add resources function”. Members of the CDRM are requested to provide information for the resources page. Please visit: <http://www.wfeo.net/ndrm/>

I am pleased to report a corporate sponsor for the web-page Liberty international Underwriters. The sponsorship is for 3 years from July 2014.

Dr. Marlene Kanga Hon. FIChemE FIEAust CPEng  
Member, WFEO CDRM Committee  
Chair, Subcommittee for Capacity Building for NDRM  
2 November 2014