

Standing Technical Committee on Disaster Risk Management

Minutes of 4th Annual Meeting

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

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

Singapore

1. Attendance List

Chair

Dr. Yumio Ishii Japan

Water-related Disaster Risk Management Sub-Committee Members

Dr. Marlene Kanga Australia
Prof. Chan Wiransinghe Canada
Prof. Syunsuke Ikeda Japan
Prof. Toshimitsu Komatsu Japan (new chair of the STC on DRM)
Prof. Kazutoshi Kan Japan
Eng. Abdullah E. Al-Otaibi Kuwait
Prof. Kenichi Tsukahara Japan (new team leader of the sub-committee & secretary)
Dr. Kazumasa Ito Japan
Dr. Nobuaki Kimura Japan
Dr. Ali Chavoshian Japan

Earthquake-related Disaster Risk Management Sub-Committee Members

Prof. Vilas Mujumdar USA
Prof. Paul S. Nacouzi Lebanon

Capacity Development for Disaster Risk Management Sub-Committee Members (New)

Dr. Marlene Kanga Australia (new vice-chair of CDRM)

Observers

Eng. Eugene Liu Chinese Taipei
Eng. Yuan-Tang Lee Chinese Taipei
Eng. SeownTiang Keng Singapore
Eng. Pratrapp Singh Fiji
Eng. Ben Liaver Australia
Eng. Stephen Durkin Australia
Eng. Tendai Nharo Zimbabwe
Eng. Marwan Abdelhamid Palestine (The WFEO President-elected)
Manglin Pillay South Africa
Jorge Spitalnik WFEO-WURC
Maryam Al-tani UAE
Adil Al-hadithi UAE
Ben R. Arnaggei UK
Peter Greenwood Australia (Member of the evaluating committee)
Andrew Clelland New Zealand (Member of the evaluating committee)

Secretariat

Dr. Kazumasa Ito Japan
Dr. Nobuaki Kimura Japan

1. Welcome and Introductions

The moderator Dr. Ito declared the meeting opened and described the agenda. The chair Dr. Ishii welcomed participants and showed his expectations to the activities of CDRM that should help avoiding human loss and economic damages of disasters. He has informed to the committee members on some reports regarding projection of huge increase in disaster damage by 2050 and importance of the committee activities.

2. Meeting Summary: Face-to-Face Meeting No. 3 – September 17, 2012, Slovenia

The third face-to-face meeting organized in Slovenia. The meeting's minute has been distributed to the committee members as the part of CDRM annual activities report. The summary of the minutes was explained for the clarification. The minutes were confirmed and approved by committee members.

3. Activities Reports by Sub-committee Leaders

3.1. CDRM Overall Report

The annual report of the CDRM has been reviewed by Dr. Ali Chavoshian quickly to cover CDRM activities including the following items:

- The 3rd face-to-face meeting report, participants list and new members to the 3rd meeting
- Establishing the new sub-committee
- CDRM web page and content preparation
- CDRM activities highlight in the WFEO Newsletter and other media such as Engineer Australia magazine
- A list of the international activities of the CDRM
- The symposium report for the 7th JFES-JSCE-AIJ-WFEO Joint International Symposium on Disaster Risk Management

3.2. Sub-committee on Water-related DRM Report

Prof. Komatsu as the team-leader of the sub-committee (the new chair of CDRM) reported the following items:

- The large gap between disaster hazard and disaster risk management capacity that will bring our society much more terrible damage than what we expected.
- Findings from the Northern Kyushu Flood Disaster on 14 July 2012, Japan
- The original purposes of the sub-committee for 2012-2013 were a) Drawing up of guidelines on water related disaster risk management (the first edition was established in 2009), b) Revision and publication of the guideline, and c) Revision of the chapter on tsunami disaster in the light of our experience of Great Earthquake on March 11, 2011 and an addition of drought hazard were proposed in the subsequent committee. But,

unfortunately, we could not carry out these subjects from various reasons. Hopefully, the sub-committee will be able to achieve our purposes for 2013-2014.

3.3. Sub- committee on Earthquake-related DRM Report

Dr. Ito, on behalf of Prof. Wada briefly reported the sub-committee activities including 6th international joint symposium of WFEO-JSCE-AIJ and JFEES on Disaster Risk Management at Nagoya University on 13 September 2012.

3.4. Sub-committee on Capacity Building for DRM

Dr. Kanga as the sub-committee team leader (the new vice-chair of CDRM) reported on the followings:

- Importance of focus on natural disasters, international action on natural disaster risk management, and the need for capacity building for NDRM.
- The new WFEO sub-committee on capacity building for disaster risk management (reasons to establish the new sub-committee, TOR, proposed outcomes and sub-committee structure)
- Activities 2012-2013
 - Terms of Reference agreed by sub-committee members and approved by CDRM (15 Aug 2013)
 - Communication to members and CDRM Executive (3 reports)
 - Web portal to share information
 - Potential Contributors including a) July 2013 ó Presentation to the International Institute for Infrastructure Reconstruction and Restoration (I3R2) conference, Brisbane 2013, b) November 2013 ó Presentation to Australian Earthquake Engineering Conference, and c) May 2014 ó I3R2 Conference 2014, Purdue University
 - Annual Face-to-face meeting as part of WFEO CDRM meeting

** before moving to the next item in the agenda the sub-committee discussion has been interrupted by WFEO evaluating committee to report on their activities and evaluation result. The CDRM has been evaluated as B+ in overall.

3.5. Discussion, Q&A

There was a discussion regarding Dr. Kanga's suggestion that has been supported by a few CDRM members in order to expand sub-committee activities by inviting expert members to sub-committees that are not officially member of CDRM. According to the WFEO constitution there is no problem to have expert members in sub-committee without voting right.

4. New CDRM Members

Two new members have joined CDRM: Dr. Nobuaki Kimura (Japan) and Eng. Ahmad Bahmans (Kuwait).

5. Chair's Report

The Chair Dr. Ishii reported chair's activities in this year, including the Executive Board meeting in March 2013, inputs to Rio+20, and the status of cooperation with UNESCO/OECD. He has also reported on International Session on Disaster Risk Management at WEF2012 on 19 September 2012, publication of the IAHS Red Book Series No. 357 on Floods: From Risk to Opportunity by CDRM member, and new structure of CDRM.

6. Planning Activities for the 2nd Phase (2013-2017)

6.1 Introducing the New Structure of CDRM

Dr. Ishii informed the following changes in the CDRM:

New Chair: Prof. Komatsu from Japan

New Vice-chair: In addition to two exciting vice-chairs (Prof. Ikeda and Prof. Mujumdar) he has introduced Dr. Kanga from Australia as the new vice-chair of the CDRM

New sub-committee team leader: Prof. Tsukahara from Japan has been introduced as the new team-leader of the sub-committee on water-related disaster risk management. He will serve as the new secretary of the CDRM too.

Supporting member: Dr. Kimura will support Prof. Tsukahara in the CDRM Secretariat.

6.2 New Strategic Plan

Prof. Komatsu (the new chair) reported two main objectives for WFEO-CDRM in the 2nd phase as follow:

- Internationalization of CDRM
- Development of implementation oriented technology

He also reported the strategic plan in two parts as follow:

- Strategy and action plan in the 2nd term (2013-2017), Part-I
 - Activities for disaster reduction based upon Rio+20 outcomes
 - Proposal of disaster prevention reflected to Post MDGs from 2015
 - Collaboration with United Nations and International organization, such as OECD, UNESCO, WMO, etc
- Strategy and action plan in the 2nd term (2013-2017), Part-II
 - Good relationship and collaboration with local engineering organizations (e.g., ACECC, which likely wishes to have co-operation with WFEO)

- Reinforcement of the organization of CDRM, especially based upon regional characteristics
- Update of CDRM guideline
- Setup of international symposiums held not only in Japan but also in other countries (e.g., ASCE may collaboratively hold with CDRM in the US)

6.3 Water Related Disaster Risk Management Strategic Plan

The Leader Prof. Tsukahara (the new team leader of the sub-committee) described the planned activities of the Water-related Disaster Risk Management Sub-Committee. He will plan the sub-committee activities to achieve the following goals:

- Increase of coping capacity for water-related disaster through the use of structural and non-structural measures.
- Develop tools and necessary documents for water-related risk assessment, prediction and warning systems.
- Organize and support conferences, presentations and workshops related to water hazards.
- Develop a water-related disaster preparedness standard.

6.4 Earthquake Related Disaster Risk Management Strategic Plan

On behalf of the leader of the sub-committee Prof. Wada, who was absent due to inevitable reasons, Dr. Ito described the planned activities of the Earthquake-related Disaster Risk Management Sub-Committee.

6.5 Capacity Development for DRM Strategic Plan

Dr. Kanga made proposals for future activities of the new sub-committee as follow:

- Capacity Building Manual of good practices
- Training materials
- Web based information
- Seminars, workshops etc.

She also informed activities timeline, resources and communications of the new sub-committee activities as follow:

- Year 1 ó establish and develop resources as received
- Build up web resources, then put together as a manual
- Results will be produced gradually over time
- 2-3 year time frame for substantial information to be gathers
- Beyond 3 years ó maturity ó maintenance and ongoing development

6.6 Discussion, Q&A

-The homepage that capacity development sub-committee would create can be linked to CDRM homepage.

-Prof. Mujumdar discussed about goals of subcommittees, particularly, the goal of Earthquake-related DRM.

-Discussion on fund-rising problem to support CDRM activities. It has been decided that each sub-committee may independently work on this.

-APEC wishes to have some cooperation with WFEO-CDARM due to Asian-regional disaster prevention through Jakarta declaration.

-Post HYOGO framework can be linked to CDRM activities.

-All pieces of information discussed and introduced here will be shared with members through the CDRM website at WFEO web portal

7. 2013-2017 Strategic Plan Review and Approval

The Strategic Plans in item six were approved by committee members.

8. Other business

8.1 - Introduction of the Journal Paper

Prof. Ikeda introduced a research paper to highlight social responsibility of engineers and by good practices in design and engineering of a nuclear power plant facility that was not damaged in the Japan Earthquake and Tsunami in March 2011. (Reference: Sato K., 2013, A Study on Social Responsibility of Engineers and Managers, Journal of Disaster Research Vol.8 No.sp, 730-736). Prof. Ikeda is serving as the editor of the Journal.

8.2 Membership Review

Dr. Ito explained the requirement of re-registration as members of CDRM as there had been some members who remained out of contact. It was assured that those who attended the meeting were excluded from the re-registration procedure.

9. Closing Remarks and Adjournment

Dr. Ito and Dr. Ishii thanked the participants for the productive discussions made on the day and declared the meeting closed.