

**Minutes of the 31<sup>st</sup> Meeting of the  
WORKING GROUP ON COMPREHENSIVE APPROACHES TO  
FLOOD MANAGEMENT (WG-CAFM)**

10 November 2016, 09.00-10.30 hours (Session-I)  
10 November 2016, 11.00-12.30 hours (Session-II)  
Chiang Mai, Thailand

**Strategy Theme: Basin**

**Presented by the Chairman**

**Year of Establishment: 1999**

**Completion of the Mandate: 2016**

**Mandate:** To identify and disseminate various structural and non-structural measures of flood management, and to study the social, political and economic aspects of flood mitigation measures, ecologically sound development, international cooperation, as well as people's participation in disaster preparedness. The objective is to help the planners, managers and designers setting up holistic, integrated and adaptive flood management schemes in view of uncertainties resulted from the climate and hydro systems changes.

**Members Present:** (1) Dr Karman Emami (Iran), Chairman; (2) Dr Takao Masumoto (Japan), Vice-Chairman represented by Dr Masayoshi Satoh; (3) Ir. Mohd Adnan Mohd Nor (Malaysia), Secretary; (4) Mr. Marcel Marchand (Netherlands); (5) Mr. Arthon Suttigarn (Thailand); (6) Mr. Maurice Roos (USA); and (7) Er. Harish Kumar Varma, Executive Director of ICID Central Office, New Delhi, India.

**Observers:** (i) Ir. Ouango Francois (Burkina Faso); (ii) Ir. Yean Yuan, Chen (Chinese Taipei); (iii) Dr. Gurbachan Singh (India); (iv) Dr. Momon Sodik (Indonesia); (v) Dr. Ismail Widadi (Indonesia); (vi) Ir. Sahar Norouzi (Iran); (vii) Ir. Ashyaf Makvandi (Iran); (viii) Dr. Mu Mu Than (Myanmar); (ix) Ir. Mohd Razali bin Mohd Nazri (Malaysia); (x) Ir. Mohd Anuar Musardar B. Yusoff (Malaysia); (xi) Ir. Mohd Azmi Ismail (Malaysia); (xii) Ir. Mukhlis Bin Zainal Abidin (Malaysia); (xiii) Ir. Adeyinka A Adenopo (Nigeria); (xiv) Ir. Waseem Nazir (Pakistan); (xv) Ir. Carlo Q Pimentel (Philippines); (xvi) Dr Sylvester Mpandeli (South Africa); (xvii) Mr. Chawakorn Reutragulpaibul (Thailand); (xviii) Ir. Kajamawon Nilklud (Thailand); (xvix) Ir. Bharadee Soontronrojna (Thailand); (xx) Ir. Roekrat Panomkwan (Thailand); and (xxi) Ir. David Varneck (UK).

**Website:** [http://www.icid.org/wg\\_cafm.html](http://www.icid.org/wg_cafm.html)

**WG-CAFM Minutes Item 1: Action Taken Report by Chair**

1. Dr. Kamran Emami, Chairman of the WG-CAFM presented the report on actions taken on the decisions made during the Montpellier (2015), France. Chair recapitulated on the mandate and objectives of the WG. Mr. Mohd Adnan Mohd Nor (Malaysia), Secretary of the WG expressed his opinion that the output of this WG should emphasise on adaptive flood management in the Agriculture rather than urban areas. Mr. Marcel Merchand (The Netherlands) agreed that the focus Agriculture Sector is in line with the focus area of ICID. The Chair explained the historical background of this WG that considered flood in total and that urban and agriculture floods are inter-linked. In any case the mandate can be revised and updated during the review by PCTA. During the Gwangju meeting (2014), the PCTA did not agree to the proposal of the WG to organize an International Workshop on 'Floods and Agriculture' during 67<sup>th</sup> IEC and 2<sup>nd</sup> WIF in November 2016 at Chiang Mai, Thailand and instead suggested that members of the WG to take active part in the organization of the sub-theme 2: Managing impacts of climatic extremes with focus on floods and droughts activities of the WIF2. In this context the WG-CAFM supported organization of activities under sub-theme 2.

**WG-CAFM Minutes Item 2: ICID Action Plan 2030: Activities on Flood Management issues**

2. The Chair presented the Action Plan 2030 of the WG prepared by him in consultation with ICID CO. The members after deliberation broadly agreed to the Action Plan 2030 of the WG and updated action plan is at **Annex**. However, the WG Chair requested the members of the WG to further review the action plan and forward their suggestions and additional activities of the Group, if any to him at the earliest.

**WG-CAFM Minutes Item 3: Publication of the Working Group on Flood Risk Management**

3. The Chair reported that since the last meeting held at Montpellier (2015), France draft of publication titled 'Adaptive Flood Risk Management' covering both structural and non-structural aspects of floods management has been prepared. In order to finalise the publication WG Chair requested the members to submit brief (two-page) case studies write-up from their countries by the end of December 2016. Mr. Marcel Merchand (The Netherlands), Mr Arthon Suttigarn (Thailand), Mr Maurice Roos (USA), Dr Masayoshi (Japan) on behalf of Dr Takao Matsumoto and Mr. Mohd Adnan Mohd Nor (Malaysia) agreed to contribute case studies for inclusion in the publication of the WG. In this context, the WG Chair gave a presentation on 'Adaptive Flood Risk Management'. Other members of the group were also urged to contribute their papers for inclusion in the publication of the WG.

**WG-CAFM Minutes Item 4: Presentation on Floods (Country Case Studies)**

4. WG Chair, Mr. Arthon Suttigarn (Thailand) and Mr. Marcel Merchand (The Netherlands), members of the WG-CAFM made presentations on “Flood Management in the Western Chao Phaya River Basin - a Case Study of the Bangbal Bangsai Drainage Canal” and “The Review of Design Standards for Flood Protection in the Brahmani-Baitrani river basins in India”, respectively. A video on the Moses Flood Management Project in Venice was also shown in the meeting.

**WG-CAFM Minutes Item 5: Report of the Sub-theme 2 – Management of climatic extremes with focus on floods and droughts, November 2016, Chiang Mai**

5. The Chair informed that the WG-CAFM took active part in WIF2 sub-theme 2 providing support for review of papers, managing few sessions and preparing background paper for sub-theme 2 as Member of the team for preparation of background paper. WG Chair also informed that few members of the WG-CAFM contributed and presented their papers during the event.

**WG-CAFM Minutes Item 6: Updating Multilingual Technical Dictionary (MTD)**

6. The WG could not be discuss this item in the meeting and agreed to discuss it during next meeting of the WG. WG Chair requested members to review the MTD terms related to mandate of the WG and provide their suggestions to him.

**WG-CAFM Minutes Item 7: Dissemination of activities of WG – Website of the group**

7. The Chair reminded the members of the WG to actively contribute information, papers, presentations made on topics related to scope of work of the WG to the ICID Central Office for uploading on the website of the Members were as well as requested to visit the WG Website in order to keep themselves up-to-date with new developments in the field of flood management encompassing both structural and non-structural approaches. In order to ensure regular contribution of the members, WG encouraged members to make full use of Web-Ex platform for virtual meetings in between face-to-face meeting during IEC.

**WG-CAFM Minutes Item 8: Closure report and revised mandate of the WG**

8. WG members discussed the issue of the closure of the WG. WG finalised the closure report of the WG and recommended the establishment of a new WG on ‘Adaptive Flood Management’. The PCTA endorsed the recommendation and suggested WG to prepare and finalise scoping document with new mandate.

9. As per procedure approved by the IEC for setting up of the new WGs, WG core group will prepare scoping document (SD) and circulate to its members for comments, if any and submit updated SD incorporating comments of the members to the ICID CO for circulation to all NCs to ascertain their interest in the activities of the WG and providing their suggestions/comments as well as for nominating members for the WG. The SD will be further discussed and finalized during the next meeting at Mexico City in 2017 for its approval by PCTA/IEC. The membership status is given in **Annex 5 (page 33)**.

**WG-CAFM Minutes Item 9: Any other item****Webinar/ web-based seminar**

10. WG supported and considered suggestion of organizing webinars which will promote sharing of vast expertise available with ICID fraternity with Members of the NCs. However, no decision was taken and it was agreed that this issue will be reviewed during next meeting of the new WG at Mexico City 2017.



## Annex [Appendix XIII, Item 2]

## ICID ACTION PLAN VISION 2030 – ACTIVITIES BY WORKBODIES

**Name of the Chairman and members filling this questionnaire:** Dr. Kamran Emami (Iran), Dr. Takao Masumoto (Japan), Vice-Chairman; and Ir. Mohd Adnan bin Mohd Nor (Malaysia), Secretary

**Date:** 10 November 2016

		Outcomes / Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021
<b>Goal 2: Be a catalyst for change in policies and practices</b>	2.1 Publication of the WG on Adaptive Flood Risk Management	Report	Finalisation and publication of report				
	2.2 Develop Guidelines on Flood Risk Management strategies	Guidelines		Release first draft guidelines	Release of the finalised guidelines		Updating of the guidelines
	2.3 Case Studies on flood mitigation measures	Report		Finalise and publish first set of case studies		Finalise and publish second set of case studies	
<b>Goal 3: Facilitate exchange of information, knowledge and technology</b>	3.1 Organise internal / international Workshop	Proceedings of the workshop	Invite member countries and IOs like WMO, ICOLD, IAHR, APFM etc (discussion in WG meeting)	Workshop	Workshop	Workshop	
<b>Goal 5: Encourage research and support development of tools to extend innovation into field practices</b>	<b>WG Activity 5.1</b> Promote Value Engineering as a tool for enhancing creativity and innovation		Gather case studies of application VE in flood management project	Gather case studies of application VE in flood management project	Prepare a report on the case studies of application VE in flood management project		
<b>Goal 6: Facilitate capacity development</b>	<b>WG Activity 6.1</b>						
	To launch e-Discussion on Flood Risk Management	Outcome	e-Discussion on Flood Risk Management (discussion in the WG meeting)	To invite member countries/ IOs for e-Discussion on Flood Risk Management	Organise a Side Event in WIF3		



