

**APPENDIX XIV [PCTA Item 7.5]**

**AGENDA FOR 1<sup>ST</sup> MEETING OF THE  
WORKING GROUP ON CLIMATE CHANGE AND  
AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**

10 November 2016, 11.00-12.30 hours (Session I)

10 November 2016, 13.30-15.00 hours (Session II)

Chiang Mai, Thailand

**Strategy Theme: Basin**

**Presented by the Chairman**

**Year of Establishment: 2015**

**Completion of the Mandate: 2021**

---

**Mandate:** (a) To share the information about prediction of the global and regional climate change and climate variability; (b) To explore and analyze the implications of climate change and climate variability for agricultural water management including irrigation, drainage, and flood control; (c) To promote archiving useful information and case studies on climate change for practical use in improved impact assessment and adaptation development; (d) To enhance discussion on climate change and water management at national and regional scales among the stakeholders including academicians, practitioners, decision makers, media as well as farmers and water users in a region; and (e) To join the international dialogue on Climate change and water management.

**Website:** <http://wg-climate.icidonline.org/>

---

**WG-CLIMATE Agenda Item 1: Action taken report by Chair**

1. During the last International Executive Council (IEC) all the workbodies were requested to make use of the video conferencing facilities now being made available by the Central Office which enables monitoring of the actions taken on the decision of the WG. A virtual meeting through video conference also provides opportunity of participating in the activities of the WG for those members of the WG who are unable to attend the meeting physically and to continue their membership. WG may please take note. The Chair will present report on the actions taken on the decisions and proposals of the working group at its last meeting held at Montpellier.

**WG-CLIMATE Agenda Item 2: ICID Action Plan 2030 – Activities on climate change and agricultural water management**

2. The 66<sup>th</sup> International Executive Council (IEC), vide Resolution IEC-4/66 has approved the new Vision, Mission and six Organizational goals of ICID. In order to develop action plan, the Consultative Group (CG) requested inputs from ICID Work Bodies in the prescribed format in May 2016 to identify actions to achieve the Organizational Goals in their area of activities which would form part of ICID Action Plan for Vision 2030.

3. Accordingly, in August 2016, Chair Dr. Watanabe has prepared the draft action plan of the group in consultation with the Vice Chair and Secretary and circulated it to all members with a request to provide their feedback/ comments (**Annex 1.**). WG will discuss and finalize the action plan of the group. WG Chair will provide further updates at the meeting.

**WG-CLIMATE Agenda Item 3: Global Framework for Climate Services**

4. A three-day Regional Consultation on Climate Services for the Third Pole and other High Mountain Regions, was jointly organized by India Meteorological Department (IMD) and World Meteorological Organization (WMO), from 9-11 March 2016 at Jaipur, India. Secretary General Avinash Tyagi attended the regional consultation representing the needs of climate information from the perspective of irrigation managers. More than 50 experts from 12 countries<sup>1</sup> of 3rd Pole region, WMO, Geneva, RIMES Thailand, and experts from USA, Australia, Germany and other global and Indian Institutions also attended the consultation. Eight Technical Sessions were held. More information is available at <http://public.wmo.int/en/media/news/climate-services-third-pole>.

5. It may be recalled that WMO and ICID have signed a MOU in 2013 with a view to enhance WMO's ability to appropriately make use of outreach, capabilities and expertise of ICID in the areas of flood/ drought/ irrigation management by the irrigation and drainage community around the world. WG may discuss and review the possible activities through which NC experts in agriculture water management may have interaction with their national

<sup>1</sup> Afghanistan, Bangladesh, Bhutan, China, India, Kyrgyzstan, Mongolia, Myanmar, Nepal, Pakistan, Tajikistan and Uzbekistan

counterparts and the possible collaboration with WMO to design and develop roadmap for greater use of climate information in future as a way forward to materialize the commitments made by parties in Paris. Further, to share the most current international context of climate service, a representative of WMO was invited to deliver a talk about the on-going WMO's actions for the Global Framework during WG meeting.

**WG-CLIMATE Agenda Item 4: Dissemination of activities of WG – Website of the group**

6. After the Montpellier meeting held in 2015, group photos and materials were uploaded by WG on its website (<http://wg-climate.icidonline.org/>). Members have been requested to provide additional material such as documents, reports, articles as well as photos for uploading on the web site. In June 2016, Dr. Fuqiang Tian has provided power point presentations and photos which have been uploaded on the group's website. The new members are recommended to email to the WG Secretary (Dr. Fuqiang Tian)/ ICID Central Office and provide additional material for uploading on the WG website for wider dissemination. Members may like to discuss and evolve methodology for sharing of information and updation of WG website. In order to ensure regular contribution of the members, WG is encouraged to make full use of Web-Ex platform for virtual meetings in between face to face meeting during IEC.

**WG-CLIMATE Agenda Item 5: Updating Multilingual Technical Dictionary (MTD)**

7. At the 65th IEC, it was decided that ICID Central Office will bring out an online version of the MTD and make it available through ICID website. In this connection, Central Office is collecting the terms available with different NC in their respective languages, based on 2010 version of MTD. During Montpellier meeting in October 2015, the Permanent Committee for Technical Activities (PCTA), considering this as an important input for working towards SDGs, recommended setting up of new workbody to review/ update the existing MTD with representatives from various specialised fields at the same time representing various languages. Accordingly, a Task Force on MTD has been proposed to be set up with WG Chair/ nominee as members along with members from various experts from international organizations (Refer PCTA Agenda Item 4, page 82).

8. At the Montpellier meeting, the working group discussed the issue and set up a task team led by Dr. Waleed Hassan M. Abou El Hassan (Egypt) to update the MTD on behalf of the WG. In June 2016, Dr. Waleed Hassan contacted and requested all members to review and update the terms/ definitions etc. in MTD related to scope of the WG. Similarly, Chair also requested all members to actively contribute in updating the MTD. In response, Mr. Michael Davidson (USA), Prof. Ray Shyan Wu (Chinese Taipei) and Mr. Mika Turunen (Finland) have confirmed their contribution in updating the MTD. The team leader Dr. Hassan will provide further progress at the meeting.

**WG-CLIMATE Agenda Item 6: Report of the Sub-theme 2 – Management of climatic extremes with focus on floods and droughts, November 2016, Chiang Mai**

9. The Sub-theme 2 of the Second World Irrigation Forum (WIF2) to be held in November 2016 at Chiang Mai is 'Management of Climatic Extremes with Focus on Floods and Droughts'. Chairman Dr. Watanabe, who was the Leader of team for preparation of background paper, will present the background paper for the Sub-theme 2 of WIF2. Since the subject of 'climate change' will be covered in details under Sub-theme 2 of WIF2, members are requested to take active part in the activities of the sub-theme-2. Dr. Tsugihiko Watanabe (Japan), Dr. Nozar Ghahreman (Iran), Dr. Waleed Hassan (Egypt), Dr. Guy Jobbins (UK) have agreed to be part of the 'International Review Committee' for online reviewing the abstracts/ papers submitted under sub-theme 2.

10. WG Chair may like to brief members of the WG on the outcomes of the WIF2, especially on the Sub-theme during the working group meeting. WG may also consider incorporating recommendations from sub-theme 2 of WIF2 in their work plan appropriately.

**WG-CLIMATE Agenda Item 7: Review of membership of the working group**

11. In order to increase the efficiency and functioning of the Working Group during annual face to face meeting and avoid spending a lot of time on administrative matters, it was decided by the Management Board that the admission of new members or discontinuation of the membership of the group will be dealt by Chairman in consultation with Vice Chair, Secretary and ICID Central Office prior to the meeting itself through emails/ web conference.

12. National Committees were informed about the re-establishment of WG-CLIMATE vide notification no.10 of 2016 dated 4 March 2016 and nominations were invited from them. In response, nominations have been received from the National Committees of India, Indonesia, Pakistan, and Sri Lanka for the membership of the new WG. Mr. Atin Kumar Tyagi (India) has informed that he will be replacing Dr. Santosh Deshmukh who has left Jain Irrigation Systems Limited (JISL).

**SUPP: In October 2016, Mr. Atin Kumar Tyagi (India) informed the WG that Dr. P. Soman will represent Jain Irrigation Systems Limited (JISL) in place of Dr. Santosh Deshmukh.**

**Iraq National Committee (IRQCID) vide their email of 18 October 2016 has nominated Mr. Hatem Hameed Hussein and Jafer Kathom Alwan Alamiryi (as Young Professional) for the membership of the group.**

13. Accordingly, Chairman in consultation with Vice Chair, Secretary of the WG and the Central Office have updated membership of the WG as given at **Annex 2** (refer *electronic version for latest list*). New nominations, if any, for the membership received will be dealt suitably after the meeting. The new members are requested to make a short presentation about their activity plan, R&D in the member country and on other relevant topics.

**WG-CLIMATE Agenda Item 8: Workshop on management of the climate change: post 2015 Paris**

14. The working group will hold a small international workshop on 'Agricultural Water Management under the Changing Climate' after the Paris Agreement on the 21<sup>st</sup> United Nations Conference on Climate Change. Some guest speakers and the working group members will present in the workshop held in the second part of the meeting. In the workshop, the outcomes of the WIF2 will be discussed, mainly on the Sub-theme 2 and climate change related topics. Members of the working group are encouraged to make presentations at the workshop.

**WG-CLIMATE Agenda Item 9: Report of the side event on 'Environmental performances of paddy rice systems in the context of climate change: approaches and case studies – Towards climate-smart and sustainable paddy rice systems', November 2016, Chiang Mai**

15. During the 2<sup>nd</sup> World Irrigation Forum (WIF2), a Side Event on 'Environmental performances of paddy rice systems in the context of climate change: approaches and case studies – Towards climate-smart and sustainable paddy rice systems' will be jointly organized by WG-ENV, WG-CLIMATE, ASRWG, INWEPF, PAWEES, AFEID, CIRAD on 8 November 2016 in Chiang Mai. The half-day event will discuss recent advances in research and development on the environmental performances of paddy rice systems in the context of climate change. The event will be coordinated by Dr. Sylvain Perret and Ms. Caroline Coulon of AFEID, French National Committee. Chairman may like to provide a brief report of event at the meeting.

**WG-CLIMATE Agenda Item 10: Any other business**

**SUPP:**

**WG-CLIMATE Agenda Item 10.1: Webinar/ web-based seminar**

16. **Webinar/ web-based seminars are organized on web platform using video conferencing. This platform is used to organize workshop, seminar, presentations, etc. Many international organizations are using this platform to disseminate their knowledge. In order to share vast expertise available with ICID fraternity with Members of the NCs, it is proposed to organize on average about 2 webinars per month with the support of WG experts. WG will discuss and suggest 5-6 topics, based on the mandate of the WG, on which webinar can be considered along with name of the relevant experts who could be contacted to develop webinars.**



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Chiang Mai (Thailand) after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 11 November 2016.



**ICID ACTION PLAN VISION 2030 – ACTIVITIES BY WORKBODIES**

**Name of the Chairman and members filling this questionnaire:** Tsugihiko Watanabe (Chair), Ray-Shyan Wu (Vice-chair), and Fuqiang Tian (Secretary)

**Date:** August 15, 2016

		<b>Outcomes / Outputs</b>	<b>Milestone for Year2017</b>	<b>Milestone for Year2018</b>	<b>Milestone for Year2019</b>	<b>Milestone for Year2020</b>	<b>Milestone for Year2021</b>
<b>Goal 1: Enable higher crop productivity with less water and energy</b>	1.1 Develop Guideline for Water Management Practices under Changing Climate	Guidelines			Release the First Draft Guidelines in WIF3		Release the Final Draft Guidelines
	1.2 Prepare Position Paper on Smart Water Management for Mitigation Climate Change	A Position Paper of ICID	2nd Workshop on Post Paris 2015	3rd Workshop on Post Paris 2015	Discuss in a Side Event and Release the Draft in WIF3		
<b>Goal 2: Be a catalyst for change in policies and practices</b>	2.1 Organize Introduction of the Cases to be Applied to Other Regions	Compilation of Cases	2 Case Studies in humid region(introduction in WG Meeting)	2 Case Studies in arid/semi-arid region(introduction in WG Meeting)	2 Case Studies on unique examples (introduction in WG Meeting)	Extra Case Studies and comparison of the cases (introduction in WG Meeting)	Integration to conclude in general
<b>Goal 3: Facilitate exchange of information, knowledge and technology</b>	3.1 Organize Workshop, Seminar and Symposium	A Position Paper on Adaptation to Climate Change	Communication with International Organizations	Communication with International Organizations	Release the First Draft Paper in WIF3		Release the Final Draft

		<b>Outcomes / Outputs</b>	<b>Milestone for Year2017</b>	<b>Milestone for Year2018</b>	<b>Milestone for Year2019</b>	<b>Milestone for Year2020</b>	<b>Milestone for Year2021</b>
<b>Goal 4: Enable cross disciplinary and inter-sectoral engagement</b>	4.1 Develop Integrated Assessment of Climate Change Impacts	Brief Guidelines with Compilation of Case Studies	2 Case Studies with focus on technical background and uncertainty (introduction in WG Meeting)	2 Case Studies with previous year's focus plus economic and social aspects (introduction in WG Meeting)	2 Case Studies with previous year's focus plus financial and institutional arrangement (introduction in WG Meeting) and Introduction of state-of-the-art methodologies and their outcomes in WIF3	2 Case Studies with previous year's focus plus interest groups (introduction in WG Meeting)	Release the Brochure
<b>Goal 5: Encourage research and support development of tools to extend innovation into field practices</b>	N/A		Milestone 1	Milestone 2	Milestone 3	Milestone 4	Milestone 5
<b>Goal 6: Facilitate capacity development</b>	N/A		Milestone 1	Milestone 2	Milestone 3	Milestone 4	Milestone 5

**A. Members and their attendance at 2015 meeting**

Sl. No.	Members	Member from (Year)	2015		Remarks
			Self	Contributed by mail	
1.	Dr. Tsugihiko Watanabe, Chairman (Japan)	2015	•		
2.	Dr. Ray Shyan Wu, Vice Chairman (Chinese Taipei)	2015	# <sup>2</sup>		
3.	Dr. Tian Fuqiang, Secretary, (China)	2015	•		
4.	Dr. Juan A. Rodriguez-Diaz (Spain)	2015			
5.	Prof. Dr. Choi, Jin-Yong (Korea)	2015	•		
6.	Dr. Nozar Ghahreman (Iran)	2015	•		
7.	Dr. Waleed Hassan M. Abou El Hassan (Egypt)	2015	•		
8.	Mr. Michael Davidson (USA)	2015	•		
9.	Dr. Guy Jobbins (UK)	2015	•		
10.	Mr. Mika Turunen (Finland)	2015	•		
11.	Dr. S.K. Deshmukh – Direct Member, JISL (India)	2015			JISL informed that Mr. Deshmukh has left JISL
12.	Secretary General, ICID				
<b>Observers/Permanent observers</b>					
(i)	WMO representative				
(ii)	IWMI Representative				
(iii)	FAO Representative				

**B. New nominations received from the National Committees**

Sl. No.	Name	Country	Remarks
(1)	Eng. (Ms.) Talatha Janaki Meegstenna	Sri Lanka	Recommended by Chair subject to her presence or else Provisional Member
(2)	Mr. Javeed Iqbal Bokhary	Pakistan	Recommended by Chair subject to his presence or else Provisional Member
(3)	Mr. Sanjay Kumar Singh	India	Recommended by Chair subject to his presence or else Provisional Member
(4)	Dr. (Ms.) Fransisca Mulyantari	Indonesia	Recommended by Chair subject to her presence or else Provisional Member
(5)	Mr. Atin Kumar Tyagi – Direct Member, JISL in place of Dr. Santosh Deshmukh	India	Recommended by Chair subject to his presence or else Provisional Member
(6)	<b>Mr. Hatem Hameed Hussein</b>	<b>Iraq</b>	<b>Recommended by Chair subject to his presence or else Provisional Member</b>
(7)	<b>Jafer Kathom Alwan Alamiryi (as Young Professional)</b>	<b>Iraq</b>	<b>Recommended by Chair subject to his presence or else Provisional Member</b>

<sup>2</sup> # Through representation

