

APPENDIX XXX [PCTA Item 10.5]

**AGENDA FOR THE 6TH MEETING OF THE
WORKING GROUP ON SUSTAINABLE DRAINAGE (WG-SDRG)**

05 September 2019, 14:00-16:00 hours (Session I)

05 September 2019, 16:15-18:15 hours (Session II)

Bali, Indonesia

Strategy Theme: Scheme

Presented by the Chair

Year of Establishment: 2013

Completion of the Mandate: 2019

Mandate: (a) To promote drainage as part of integrated water resources management; and (b) To promote sustainable approaches for drainage and related projects through a balanced integration of (i) environmental, (ii) economic, and (iii) social and cultural aspects. The WG will work on – (a) Soil management and (integrated) water (resources) management; (b) Traditional and wise drainage management including (i) dry drainage and bio drainage, (ii) arid and semi-arid zones v/s rain fed zones, and (iii) controlled drainage and regulated drainage; (c) Operation and maintenance; (d) Promotion of multi-stakeholders approaches; (e) Reuse and multiple uses; (f) Promotion of risk assessment under global change, and (g) Assessment of drainage needs.

WG-SDRG Agenda Item 1: Action taken report by the Chair¹

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held at Saskatoon in August 2018.
2. ICID Central Office vide e-mail of 19 November 2018 to all Chairs/ Vice Chairs/ Secretaries suggested to make full use of web-ex platform for virtual meeting so as to ensure regular contribution from the WG members as well as discuss and initiate follow-up actions emerging from the minutes of the previous WG meeting and review the progress of the action points. In order to organize the WebEx Meetings, Webinars and e-Discussions, Chair of the workbodies were requested to send the 'Expression of Interest' to initiate the processes. No virtual meeting of the WG could be arranged during the period since last meeting in Canada.
3. The Indian National Committee on Surface Water (INCSW) has nominated Dr. Ratan Chand Jain for the membership of the WG. Mr. Chen Hung-Kwai (Chinese Taipei), and Dr. (Ms.) Bilge Omar (Turkey) have not contributed to the activities of the group during last two years so they are recommended to be discontinued and new members would be invited from the National Committees as well as other NCs. Chair in consultation with Vice Chair, Secretary of the WG and the Central Office have updated the membership of the WG as given at **Annex 1** (*refer electronic version for latest list*). New nominations, if any, for the membership received will be dealt suitably after the meeting.

WG-SDRG Agenda Item 2: Road Map to ICID Vision 2030 – Status of activities on sustainable drainage

4. During the Saskatoon meeting, the group reviewed the activities on sustainable drainage as part of Road Map to ICID Vision 2030 and updated it (refer **Annex 2**). The group noted that the roadmap and the rolling plan of the WG are in a good way of achievement however, it was felt that the following points will be hard to reach as data are rarely available.

- (a) Promotion of multi-stakeholders' approaches,
- (b) Promotion of risk assessment under global change,
- (c) Assessment of drainage needs,
- (d) Reuse and multiple uses.

WG-SDRG Agenda Item 2. 1: Publication of the WG

5. At Saskatoon, the group noted that the document titled "Bio-drainage for Management of Waterlogging and Soil Salinity" authored by Dr Gurbachan Singh (India) is available at http://www.icid.org/report_bmw_n_ss.pdf for download. Chair will provide further updates of bringing out publication/report at the meeting.

¹ This will also include details of membership of WG as **Annex**

SUPP: In August 2019, Mr. Ardavan Azari (Iran) informed that as part of compilation of experiences on bio-saline agriculture, he has prepared a design of pilot complex of bio saline agriculture activities for a region located in southern coastal area of Iran. In this connection, he proposed to make a presentation on "Bio-saline Agriculture Pilot complex in sought coastal area in Iran" during WG-SDRG meeting at Bali. He has also requested all members of the WG to provide the related documents/ experiences from their countries on the issue.

WG-SDRG Agenda Item 3: Updating database on 'Drained area in the world'

6. The updated database of drainage area is available at <http://www.icid.org/world-drained-area.pdf>. During Saskatoon meeting, Chair encouraged members to provide the latest information in respect of their countries every year regularly. ICID Central Office has requested members to provide the updated information about the drained area in their respective countries for uploading the same on the website. Chair will provide further updates at the meeting.

WG-SDRG Agenda Item 4: Updating Multilingual Technical Dictionary (MTD)

7. At Saskatoon meeting, the group discussed the updation of terms related to chapters of MTD however, it was noticed that members never shown willingness to participate in the above job. After discussion, it was proposed that Chair will do the job in consultation with the ICID Central Office. Accordingly, ICID Central Office has requested the Chair to update the status, WG Chair will provide update during the meeting.

WG-SDRG Agenda Item 5: Dissemination of activities of WG

8. The website of the WG http://www.icid.org/wg_sdg.html was fully updated with new membership list, agenda, minutes, events, etc. During Saskatoon meeting, Chair encouraged members to provide interesting articles/ papers/ presentations/ documents related to the activities of the group for uploading on the website. ICID Central Office has uploaded the presentation of Ardavan Azari (Iran) on the ICID's website at http://www.icid.org/wg_sdg.html. ICID Central Office has requested members to share relevant documents/ reports/articles related to the mandate of the WG to ICID CO for uploading on the website of the WG. WG will discuss the mechanism of updating information on web site.

SUPP: Dr. Momon Sokik Imanudin (Indonesia) has shared his power point presentation titled "DRAINMOD model adaptation for developing recommendations to maintain water table in the tertiary block of tidal lowland reclamations areas (A Case Study in Sugihan Kanan under Corn Cultivation)".

WG-SDRG Agenda Item 6: Organization of 14th International Drainage Workshop, 2020

9. The National Committee of Georgia had shown their interest for organizing the 14th IDW however, during the Saskatoon meeting, representative from Russian National Committee explained that the Georgian proposal is on hold due to local re-organisation. After discussion, Chair suggested some of the options, all at the stage of proposal and with no formal involvement of NC's viz. (a) 14th IDW should be in 2020 as another world wide event. IDS being organized by ASABE and CIGR will be in 2021 and it is proposed to combine both the events in one to avoid the risk of over competition since the drainage community is not able to feed both events at a short step of time; (b) In China, namely Wuhan University and the National State Key Laboratory could be keen to welcome the event with considerable advantage of the huge capacity of Wuhan University to organize.

10. The representative from the National Committee of Georgia and Chair will provide further updates of the event at the meeting. WG will further discuss how and when 14th IDW can be organised in near future.

WG-SDRG Agenda Item 7: To revisit the mandate and include urban drainage – new item

11. Since urban flooding and its drainage is one of the important aspects of drainage which has direct bearing on live of citizens in urban areas, environment, water quality and to some extent on urban agriculture also so it has been suggested and felt that IDW may also deliberate on the topic of urban drainage. Accordingly, it is proposed to revisit the mandate of International Drainage Workshop (IDW) and explore possibility of including urban drainage etc. also as part of IDW. The group may like to discuss this issue of inclusion of urban drainage in the mandate of IDW at the meeting and provide the recommendation to PCTA.

WG-SDRG Agenda Item 8: International Young Professionals Training Program, 22-25 April 2019, Gyeonggi Province, Republic of Korea – Response from YPs on questionnaire

12. As agreed at Saskatoon meeting in August 2018, the Korean National Committee (KCID) organized the International Young Professionals Training Program (YP-TP) on “Climate Resilient Smart Irrigation Systems” from 22-25 April 2019 at Gyeonggi Province (Republic of Korea) in collaboration with the Chinese National Committee (CNCID) and ICID. KCID has also organized an International Workshop on “Irrigation Technologies to Mitigate Climate Change” on 26 April 2019 to provide an opportunity to the young professionals to have a broader and in-depth exposure to emerging irrigation technologies and management scenarios considering the urgent need for a sustainable climate change-resilient agriculture sector. During the YP training, thirty-four young professionals from 17 countries participated and gained the knowledge. As part of YP training, each YP was requested to provide their response to the following five questions: (i) How the recent climatic extremes are affecting water management for agriculture in your country/region? (ii) What new and innovative approach and technologies are being adopted to address these climate change issues? (iii) What management approach and solutions are being considered to adapt to climate change? (iv) How would you like to modify/augment water management practices and policies in region to generate a long-term strategy? (v) What is your view and contribution to promote climate smart agriculture?

13. The responses received from the YPs have been compiled, and the same is available at: <https://www.icid.org/ypqresponse.pdf>. It is felt that some of the responses relate to the mandate of the WG and the group may like to take note of the views and suggestions from YPs from different countries and discuss it during the meeting. Chair will provide further updates at the meeting.

WG-SDRG Agenda Item 9: Closure report and Scoping Document for the new Working Group

14. As per the mandate of the group, the group was established in 2013 for a six-year term i.e. upto 2019. Hence, the group may like to discuss the preparation of closure report or extension for completion of the remaining activities. The group may also like to set up a team of 3-4 persons to prepare the scoping document for the establishment of new WG. WG will discuss the matter and present its recommendations to PCTA.

WG-SDRG Agenda Item 10: Any other business



NOTES FOR CHAIRPERSON:

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Bali, Indonesia after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 6 September 2019.

A. Membership of the group at 2017 and 2018 meetings

No	Members	Member from	2017		2018		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Mr. Bernard Vincent, Chairman (France)	2013	•	•	•	•	
2.	Dr. Momon Sodik Imanudin, Vice Chairman (Indonesia)	2013		•	•	•	
3.	Dr. James Ayars (USA)	2013		•			
4.	Mr. Chen Hung-Kwai (Chinese Taipei)	2013					No contribution during last two years. Recommended for discontinuation
5.	VPH Shinsuke Ota (Japan)	2013		•		•	
6.	Dr. Yuri Yanko (Russia)	2013	# ²		#		
7.	Dr. Gurbachan Singh (India)	2013		•	•		
8.	Mr. Mati Tonismae (Estonia)	2013	#			•	
9.	Mr. Ardavan Azari (Iran)	2013	•	•	•	•	
10.	Ms. Helena Aijo (Finland)	2013	•	•	•	•	
11.	Dr. Ashraf El Sayed Ismail (Egypt)	2013	•	•			
12.	Ms. Wang Shaoli (China)	2013	•	•			
13.	Engr. Mohd Anuar Musardar bin Yusoff (Malaysia)	2013			•		
14.	Dr. Henk Ritzema (Netherlands)	2015		•			
15.	Prof. Seong Joon Kim (Korea, Rep. of)	2016		•			
16.	Dr. (Ms.) Naoko Koshiyama (Japan)	2016	•	•	•		
17.	Prof. Aidan Senzanje (South Africa)	2016	•		•		
18.	Dr. (Ms.) Bilge Omar (Turkey)	2016					No contribution during last two years. Recommended for discontinuation
19.	Mr. Fazal Rehman Kashif (Pakistan)	2017		•			
20.	Prof. LB Roy – Direct Member (India)	2018				•	
21.	Eng. Mohamed Saleh El-Basyony (Egypt)	2018					
22.	Eng. Maiada Mohamed Anwar (Egypt)	2018					
23.	Eng. Dina Mahmoud Mohamed Ali - Young Professional (Egypt)	2018					
24.	Secretary General, ICID						

² Through representation

B. New nomination received from the National Committee

No.	Name	Country	Remarks
1	Dr. Ratan Chand Jain	India	Recommended as member, subject to his presence else provisional member

Annex 2 [Appendix XXX, Item 2]

ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES

Goals/ Strategies	Activities	Outcomes / Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021
Goal C: Facilitate exchange of information, knowledge and technology							
C4. Strategy: Compile, collate and share knowledge and experiences	4.23 Collection and compilation of drainage irrigation data	Database	Updating database	Updating database	Updating database		
Goal E: Encourage Research and Support Development of Tools to Extend Innovation into Field Practices							
E5. Strategy: Compilation of Global Data Sets on Irrigation and Drainage	5.3 Datasets for Drainage Area						

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)

