

**AGENDA FOR THE 4TH MEETING OF THE
WORKING GROUP ON SUSTAINABLE DRAINAGE (WG-SDRG)**

12 October 2017, 09.00-10.30 hours (Session I)

12 October 2017, 11.00-12.30 hours (Session II)

Mexico City, Mexico

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.

Website: http://www.icid.org/wg_sdg.html

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

1. During Chiang Mai meeting the group noted that two case studies have been received viz. (a) 'Instream wetland as a potential low cost treatment technology in rural areas' – from Dr. Ashraf from Egypt; (b) 'Application of land drainage model of DRAINMOD on peat land for oil palm cultivation based on land evaluation analysis' – from Dr. Momon Sodik Imanudin from Indonesia. As a follow-up of decision of the meeting of WG in Chiang Mai the ICID Central Office in February 2017 requested other volunteers to provide their case studies to the WG Chair viz. (a) Ms Wang and Aijo on 'Controlled drainage'; (b) Mr Ardavan Azari on 'Bio drainage, dry drainage, bio saline agriculture'; (c) Dr. Bondarik, Dr Asraf El Sayed Ismail on 'Wetlands'; (d) Dr Bondarik on 'Innovation in Russian speaking countries'; (e) Dr Wu from China on 'Dry drainage'; and (f) Dr. Wahba on 'Controlled drainage'. In response, Ms. Wang Shaoli has agreed to prepare and provide the case study. The Chair will provide latest status and present report on the actions taken on the decisions and proposals of the working group at its last meeting held at Chiang Mai in November 2016.

2. Egyptian National Committee (ENCID) has nominated Eng. Mohamed Fawzy Mohamed Mahmoud – as Young Professional for the membership of the group. As suggested by the group, the Central Office followed-up with the National Committees of Nepal and Pakistan for a fresh nomination in place of Mr. Krishna Prasad Rijal and Dr. M.N. Bhutta however but without any response. Since no contribution has been made by Mr. Krishna Prasad Rijal (Nepal) and Mr. Yeolkar (Direct Member), JISL (India) since 2015 to the activities of the WG so their membership has been discontinued. New members would be invited from the NCs. Chairman 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 - Activities on sustainable drainage

3. During the Chiang Mai meeting, the group discussed the draft Action Plan 2030 of the WG prepared by ICID Central Office and decided that WG Chair would circulate the action plan to all members and coordinate and facilitate finalization of the action plan of the WG and its submission to the ICID Central Office by March 2017.

4. Based on the inputs from the workbodies at the 67th IEC and fresh inputs received upto March 2017, the Consultative Group (CG) on Action Plan 2030 finalised Action Plan for ICID as presented in their report "A Water Secure World Free of Poverty & Hunger : A Road Map to ICID Vision 2030". Action Plan for WG-SDRG as presented in CG report is given as **Annex 2**. The group will discuss the action plan and may like to add few more activities as well as initiate action on the activities proposed for the WG.

WG-SDRG Agenda Item 3: Compilation of experiences in bio-drainage and bio-saline agriculture

5. During Chiang Mai meeting, WG discussed the document titled "Bio-drainage for Management of Waterlogging and Soil Salinity" finalised by Dr Gurbachan Singh (India) wherein WG Chair requested members to provide their

comment/suggestions as well as case studies from their countries, if any for incorporating in the publication. The group may discuss the issue of finalisation of the document at the meeting so that document can be uploaded on WG website as e-publication for wider dissemination.

6. During Chiang Mai meeting, it was decided to compile and issue scientific paper on controlled drainage with contribution from members/ participants from China, Finland, Iran and Egypt; paper on dry drainage bio-saline agriculture with contribution from China, India and Iran and publication on bio-drainage. Chair will provide further updates on compilation of paper at the meeting.

7. In response to Central Office's request, Dr. Naoko Koshiyama from Japan has informed that she will make a short presentation during Mexico meeting and talk about sub-irrigation using drainage pipes in consolidated paddy rice fields of Japan. Other members are also requested to make a presentation in consultation with the Chair at the meeting.

WG-SDRG Agenda Item 4: Updating database on 'Drained area in the world'

8. During Chiang Mai meeting, the Chair noted the continued efforts of ICID Central office in updation of the database on drained area and requested members to provide latest information in respect of their countries. In April 2017, the Central Office further requested members to update the existing database of drained area in respect of their country and provide the updated data so that it can be published in the Annual Report. The updated database of drained area is available at <http://www.icid.org/world-drained-area.pdf>.

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

9. During Chiang Mai meeting, the group discussed the matter and issues related to updation of MTD wherein members showed keen interest. However, no person was nominated for the task so it was decided to discuss this issue in Mexico meeting. Chair requested members to undertake the review of the concerned terms depending on their domain of expertise and suggest changes / modification and addition of new terms, if any along with contributing pictures, links and videos related to respective term. Members will deliberate on the issue of updation of MTD.

10. As per Resolution IEC-2/67 held at Chiang Mai on 12 November 2016, the Council approved the establishment of a Task Force for Updation and Maintenance of Multilingual Technical Dictionary (TF-MTD) under the Chair of PCTA. The Task Force will hold its first meeting during 68th IEC in October 2017 and shall report progress of its activities to IEC through PCTA (*refer page 95 of 68th IEC*). In the composition of the Task Force, Chair/ nominee of the WG-SDRG is one of the members besides IDM, IOA, SON-FARM, M&R and international organizations like FAO, IWMI, ADB. The group may discuss the issue and report/ updates in the meeting of the TF-MTD. Further updation of MTD will be undertaken as per direction of TF-MTD.

WG-SDRG Agenda Item 6: Brief report on the 13th International Drainage Workshop, March 2017, Ahwaz, Iran

11. The 13th International Drainage Workshop (IDW13) was organized by the Iranian National Committee on Irrigation and Drainage (IRNCID) under the auspices of the Ministry of Energy (MoE) and its subsidiary Khuzestan Water and Power Authority (KWPA), Islamic Republic of Iran from 4-7 March 2017 at Ahwaz, Iran. The main theme of the workshop was "Drainage and Environmental Sustainability". About 700 delegates from 23 countries attended the workshop and 36 papers were presented with 27 poster presentations. The theme was supported by rich discussions during the round table on "Alternative Drainage Methods" moderated by VPH Dr. Willem Vlotman, ex-Chair WG on Drainage and attended by VPH Dr. Ragab, Dr. Momen, VP Dr. Mohammed Wahba, Dr Parsinejad, Mr Mojtaba Akram, Dr Abdulmajid Liuaghat, and Dr Koupaie. Another roundtable on "Drainage Water Reuse" was moderated by Prof Reisberk, with participation from Dr Ali Madani, Dr Ritzema, President Hon. Prof Bart Schultz, and Dr. Kharsandi and others.

12. The theme 'Drainage and Environmental Sustainability' enabled discussion on issues related to environmental concerns of drainage, addressing its design, implementation and management duly factorizing these concerns. It requires management of not only the drainage water quality but also its volume. Hence, the workshop considered (a) Measures to improve drainage water quality; (b) Measures to lower volume of drainage water; (c) Adaption of new design criteria in favour of the environment; (d) Application of alternative drainage methods. More information about 13th IDW is available at http://www.icid.org/conf_idw.html.

WG-SDRG Agenda Item 7: Dissemination of activities of WG

13. During Chiang Mai meeting, the Chair requested and encouraged members to access the WG webpage and provide their comments/ suggestions for further improvement and also share relevant information/ documents/ reports/ articles etc. for uploading on website.

WG-SDRG Agenda Item 7.1: Website of the group

14. The website of the working group http://www.icid.org/wg_sdg.html has been updated with the new membership list, CVs, agenda, minutes, articles, reports, documents, presentations etc. Members are requested to provide interesting articles/ papers/ presentations/ documents/ links related to the activities of the group for uploading on the ICID website. Members may like to discuss and evolve methodology for sharing of information and updation of WG website.

WG-SDRG Agenda Item 7.2: Webinar/ Web based seminar

15. The organization of webinar/ web based seminar was not discussed during Chiang Mai meeting due to paucity of time however, it was decided to review the matter during Mexico meeting of the WG. 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. The group may discuss and suggest suitable topics for organizing webinars at the meeting.

WG-SDRG Agenda Item 8: Any other business



NOTES FOR CHAIRPERSON:

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mexico City (Mexico) after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 13 October 2017.

A. Membership of the group at 2015 and 2016 meetings

SI No.	Members	Member from	2015		2016		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.	VPH Prof. Brane Maticic (Slovenia)	2013		•			
5.	Mr. Chen Hung-Kwai (Chinese Taipei)	2013			#		
6.	VPH Shinsuke Ota (Japan)	2013		•		•	
7.	Dr. Yurii Yanko (Russia)	2013	# ¹		#		
8.	Dr. Gurbachan Singh (India)	2013			•	•	
9.	Mr. Mati Tonismae (Estonia)	2013	•				
10.	Mr. Ardavan Azari (Iran)	2013	•		•	•	
11.	Ms. Helena Aijo (Finland)	2013	•		#		
12.	Dr. Ashraf El Sayed Ismail (Egypt)	2013	•		#	•	
13.	Ms. Wang Shaoli (China)	2013	•		•	•	
14.	Engr. Mohd Anuar Musardar bin Yusoff (Malaysia)	2013	•		•		
15.	Dr. M.N. Bhutta (Pakistan)	2013					Discontinued No contribution for more than 2 years
16.	Dr. Hajime Tanji (Japan)	2014		•			
17.	Prof. Ir. Robiyanto Hendro Susanto (Indonesia)	2014			•		
18.	Dr. Henk Ritzema (Netherlands)	2015	•			•	
19.	Mr. Krishna Prasad Rijal (Nepal)	2015					Discontinued No contribution since 2015
20.	Mr. Yeolkar (Direct Member), JISL (India)	2015					Discontinued No contribution since 2015
21.	Prof. Seong Joon Kim (Korea, Rep. of)	2016			•	•	
22.	Dr. (Ms.) Naoko Koshiyama (Japan)	2016			•	•	
23.	Prof. Aidan Senzanje (South Africa)	2016				•	
24.	Dr. (Ms.) Bilge Omar (Turkey)	2016			•		
25.	Mr. Raed Abbood Awad (Iraq)	2016					Provisional member No contribution since Chiang Mai, recommended for discontinuation after Mexico meeting
26.	Mr. Amjed Mohammed Abbas - Young Professional (Iraq)	2016					Provisional member No contribution since Chiang Mai, recommended for discontinuation after Mexico meeting
27.	Secretary General, ICID				#		

B. New nomination received from the National Committee

No.	Name	Country	Remarks
1	Eng. Mohamed Fawzy Mohamed Mahmoud	Egypt	Recommended by Chair subject to his presence or else Provisional Member

¹ # Through representation

ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORKBODIES

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)

