

**Minutes of the 3rd Meeting of the
WORKING GROUP ON SUSTAINABLE DRAINAGE (WG-SDRG)**

9 November 2016, 13.30-15.00 hours (Session I)

9 November 2016, 15.30-17.00 hours (Session II)

Chiang Mai, Thailand

Strategy Theme: Scheme

Presented by the Chairman

Year of Establishment: 2013

Extended the 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.

Members Present: (1) Mr. Bernard Vincent, Chairman (France); (2) Dr. Momon Sodik Imanudin, Vice Chairman (Indonesia); (3) Ms. Wang Shaoli (China); (4) Dr. Sheng-Feng Kuo representing Mr. Chen Hung-Kwai (Chinese Taipei); (5) VP Mohamed Wahba representing Dr. Ashraf El-Sayed Ismail (Egypt); (6) Mr. Mika Turunen representing Ms. Helena Aijo (Finland); (7) Dr. Gurbachan Singh (India); (8) Prof. Ir. Robiyanto Hendro Susanto (Indonesia); (9) Mr. Ardavan Azari (Iran); (10) Ir. Mohd Anuar Musardar bin Yusoff (Malaysia); (11) Dr. Irene Bondarik representing Dr. Yurii Yanko (Russia); (12) Er. H.K. Varma representing Secretary General Avinash Tyagi.

Observers: (i) President Hon. Bart Schultz (The Netherlands); (ii) Ms. Jakia Akter (Bangladesh); (iii) Dr. Mohamed Elhagarey (Egypt); (iv) Mr. Toshihiko Kuno (Japan); (v) Dr. (Ms.) Naoko Koshiyama (Japan); (vi) Dr. Katsuhiko Yoshino (Japan); (vii) Dr. Tsugihiko Watanabe (Japan); (viii) Prof. Seong Joon Kim (Korea, Rep. of); (ix) Mr. Sitha Ketpratoom (Thailand); (x) Mr. Pongsakorn Tangsiamiwanit (Thailand); (xi) Dr. (Ms.) Bilge Omar (Turkey); (xii) Mr. David Vanneck (UK).

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

1. Chair welcomed all the members and briefed them on the various ongoing activities of the group viz. Action Plan 2030, compilation of bio-drainage document, organization of 13th IDW, etc. Chair further informed that two case studies were received viz. (a) 'Instream wetland as a potential low cost treatment technology in rural areas' - Dr. Ashraf from Egypt; (b) 'Application of land drainage model of DRAINMOD on peat land for oil palm cultivation based on land evaluation analysis' - Dr. Momon Sodik Imanudin from Indonesia. He also requested other volunteers to provide their case studies 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'.

WG-SDRG Minutes Item 2: ICID Action Plan 2030 – Activities on sustainable drainage

2. During the meeting, WG Chair presented the draft Action Plan 2030 of the WG prepared by ICID Central Office in consultation with him. The Chair discussed the draft action plan and stressed the need for circulation to all members of WG for inviting their feedbacks before its finalization in March 2017. It was agreed 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. *IEC decided that the inputs for AP 2030 may be submitted by WGs by 15th January 2017.*

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

3. As a part of sharing and compilation of experience in drainage, an internal workshop was organized during the Chiang Mai meeting where papers on bio-drainage, dry drainage, and controlled drainage were presented

by Mr. Mika Turunen (YP), Dr. Momon Sodik Imanudin (Indonesia), and Dr. Gurbachan Singh (India). Mr. Ardavan Azari (Iran) made two presentations about Dry Drainage and Bio Saline Agriculture during the meeting. During discussion, members expressed the view that technology is a worldwide concern even if modalities differ. After deliberation, WG agreed 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 encouraged other members to make a presentation at the next meeting in 2017.

4. Dr Gurbachan Singh informed that he had finalised draft document titled “Bio-drainage for Management of Waterlogging and Soil Salinity” incorporating suggestions/ observations received from members. Chair requested all the members to provide their comments as well as case studies from their countries, if any for its inclusion in the draft document by Jan 2017 so that document can be finalised and e-publication uploaded on WG website for wider dissemination.

WG-SDRG Minutes Item 4: Updating database on ‘Drained area in the world’

5. During the meeting, the Chair noted the continued efforts of ICID Central office in updation of the database on drained area. Chair informed that he has not received any feedback from members and requested members to provide latest information in respect of their countries every year by filing the ICID datasheet (*refer Annex 2, page 223 of 67th IEC Agenda*).

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

6. The group discussed the matter and issues related to updation of MTD during the meeting. Members shown keen interest in updating the MTD however, no person could be nominated to take up responsibility to facilitate review of the terms related to the activities of the group. WG agreed to discuss this issue in its next meeting. WG 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.

WG-SDRG Minutes Item 6: Updates on the 13th International Drainage Workshop, 4-7 March 2017, Ahwaz, Iran

7. WG Chair invited representative from Iran to provide updates on the 13th International Drainage Workshop (IDW). Mr. Ardavan Azari (Iran) on behalf of IRNCID provided brief updates on the organization of 13th IDW on the theme “Drainage and Environmental Sustainability” from 4-7 March 2017 at Ahwaz City. Mr. Azari informed that 5 keynote addresses have been planned and so far 105 papers from 22 countries have been received which are under review and acceptance of paper will be notified in January 2017. Chair encouraged all members to actively contribute and participate in the workshop.

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

8. This item could not be discussed in detail due to paucity of time and WG agreed to discuss this in proposed virtual meeting in March 2017. However, WG 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 Minutes Item 8: Review of the membership of the working group

9. The WG reviewed all the new nominations received from the National Committees for the membership of the group and accepted Prof. Seong Joon Kim (Korea, Rep. of), Dr. (Ms.) Naoko Koshiyama (Japan) and Dr. (Ms.) Bilge Omar (Turkey) as members and Prof. Aidan Senzanje (South Africa), Mr. Raed Abbood Awad (Iraq) and Mr. Amjed Mohammed Abbas (Iraq-*Young Professional*) as provisional members until the nominee attend the meetings or else contribute to the activities of the working group through email/ video conference meeting. Membership status is given in **Annex 5 (page 33)**. The group requested ICID Central Office to follow up with the Nepal National Committee (NENCID) and Pakistan National Committee (PANCID) for a fresh nomination in place of Mr. Krishna Prasad Rijal and Dr. M.N. Bhutta, respectively.

10. Since WG was not having any Secretary, Dr. Momon Sodik Imanudin, Vice Chairman of WG (Indonesia) agreed to act as Secretary for one year when regular Secretary would be elected by the WG.

WG-SDRG Minutes Item 9: Any other business

11. During discussion in PCTA some of the participants were of the view that the acronym of the group i.e. 'WG-SDG' is misleading and gives the impression that it deals with Sustainable Development Goals (known popularly as SDG) and this needs to be changed. After discussion, PCTA recommended that the acronym WG-SDRG may be used instead of SDG.

Webinar/ web-based seminar

12. WG could not discuss this item due to paucity of time and agreed that this issue will be reviewed during next meeting of the WG.



