

**MINUTES OF THE FIRST VIRTUAL MEETING OF THE
WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)
16 MARCH 2023 AT 16:00 HOURS**

WG-SDTA Minutes Item 1: Welcome by Chairman of WG-SDTA

Chair of the group welcomed all the group members with greetings.

WG-SDTA Minutes Item 2: Review of the Membership

The Philippine National Committee of ICID has nominated Dr. Mona Liza F. Delos Reyes for the membership of Working Group on Sustainable Development of Tidal Area (WG-SDTA). CV of Dr. Mona Liza F. Delos Reyes has already shared to Chair, Vice-Chair and Secretary of the group. And she also participated in this first virtual meeting, Chair introduced her during the virtual meeting and the membership has been confirmed.

WG-SDTA Minutes Item 3: ICID Action Plan 2030: Activities of Sustainable Development of Tidal Areas

WG reviewed the Action Plan 2030 (Road Map to ICID Vision 2030) based on the mandate by updating the activities on sustainable development of tidal area issues and provided latest updates about the fresh action plan for 2018-2023 as indicated in the **Annex-1** of the WG agenda.

It is undeniable that since the end of 2019, affected by the global COVID-19 pandemic, many planned activities have also come to a standstill and cannot be carried out, which has greatly reduced the effectiveness of the implementation of the action plan.

During the last IEC was held in Adelaide, Australia in October 2022, the chair and vice-chair Dr. Nor Hisham bin Mohd Ghazali discussed that the mandate of WG-SDTA will expire in November 2023, but unfortunately, based on the original plan Many events of great significance cannot be held as scheduled. We will carefully review and discuss with members at the SDTA working group meeting in 2023 to postpone scheduled events and extend the upgrade of the new mandate, and strengthen the dissemination of new technologies and knowledge. In this virtual meeting of the working group, the Chair has explained the latest situation and he will work with the Vice-Chair and the Secretary to further develop a draft of future new mandates, and consult members at the next virtual meeting of the working group.

As for special issue review and editing work, Prof. Hsiao-Weng Wang sent an invitation to people who participated and presented their paper in the Workshop in Bali 2019 to submit their papers for a special issue after she had a thorough discussion with Dr. Bart Shultz and WG-SDTA Chair Ruey-Chy Kao, on May 25th and August 26th 2022, respectively. She learned later there are two papers from the Adelaide workshop can be considered in the special issue too. So far, four papers are received, and the other three papers expressed interests. There are 7 in total. Prof. Wang will discuss with Dr. Schultz what is the minimum number of papers to be included in a special issue. If a number of 7 is acceptable, She will send out a reminder to the authors of the three papers and ask them to submit their papers within four weeks or even sooner. Otherwise, we will need to consider an alternative plan. At the same time, Prof. Wang will conduct the review process for the received papers. She have discussed with Dr. Schultz about the review process, and we expect to receive reviewers' comments in about 6 weeks after they agree to review, and then revisions and edits and so on will be made before each can be officially accepted.

WG-SDTA Minutes Item 4: Upcoming WG Events

WG-SDTA Minutes Item 4.1: International Workshop of the WG-SDTA in 2023 at Vishakhapatnam, Andhra Pradesh, India

Based on the conclusions of the physical meeting of the WG-SDTA working group held in Adelaide, Australia on 8th October, 2022: due to the International Workshop on 'Integrated Solution for Irrigation and Drainage Tails and Land Subsidence in Tidal Areas' was held on 3rd October as planned and attended by approximately 50 participants. Unfortunately, only 2 out of a scheduled, 8 papers were

presented. It was decided that the remaining 6 papers be presented in the next international workshop. The WG will propose another International Workshop at the 74th IEC meeting & 25th ICID Congress in November 2023 at Vishakhapatna Andhra Pradesh, India. The scope, theme and sub-themes of the 2023 WG-SDTA workshop will be in line with the 2022 workshop and will include disaster issues in coastal and tidal areas under climate change, such as sea level rise, storm surge coastal erosion, flood drainage capacity, estuary tidal reach and coastal conservation. After the discussion at the working group meeting, the call for papers will be notified as soon as possible, and will be listed as candidate potential/papers for the next special issue.

WG-SDTA Minutes Item 4.2: Short Course titled ‘Tidal Prediction and Land Subsidence Prevention and Reclamation’ in 2022-23

Basically, this short course will be planned for one week and will not exceed ten days, including indoor lectures and on-site visits. Considering the amount of funding, support conditions and the number of participants, after consultation with the sponsoring organization, it is scheduled to be held after the 74th IEC meeting & 25th ICID Congress in November 2023, India. That is, at the end of 2023 to avoid repeating the original schedule in 2020 and 2021 Due to COVID-19, the event could not be held as scheduled, which caused the problem that the fund has been allocated but idle and does not meet the budgetary regulations. The chair will actively request the support of sponsoring agencies again and announce the planned content as soon as possible.

WG-SDTA Minutes Item 4.3: Side Event of the Working Group on SDTA in 2023

Side event usually focus on the pilot studies conducted at field level and discusses more on scaling and policy level planning. At present, from WG_SDTA there is no such pilot studies conducted any member directly or indirectly. So, Dr Vijay suggested for cancelling of the event in the performance of the working group in other activities is too slow. Chair and other members accepted the recommendation and the side event has been cancelled.

WG-SDTA Minutes Item 4.4: Web-based Seminar and e-Discussions

As per the minute of WG-SDTA (item 3.4), the group decided to organize a web-based seminar and e-Discussions through online platform. It was noted that the WG will organize a webinar on the topic “Tsunami/tidal wave protection in Japanese Case’ by Dr. Hiroki Minakawa (Japan) in April 2023. In order to give wider publicity to the webinar, we normally share the information about 20 days before the webinar date. The WG webinar will be 60-minute which would include about 35 minutes presentations (10 to 15 minutes each) and 15 to 20 minutes for Q/A session. We normally pick a time of the day when it is convenient for most time-zones. Referring to Dr. Hiroki MINAKAWA's email on 2023/3/15, he expects that this webinar can be held on 19th or 20th on April based on slot availability.

Further, e-Discussion of the group titled ‘Integration of Drainage Tail, Land Subsidence, Groundwater and management in Tidal Areas’ based on the mandate of the WG will be organized in 2023. Central Office requested Chair to discuss this information with the members of the WG and share the background note, date/time etc. Chair believes that this topic can effectively disseminate relevant knowledge and technology awareness in e-Discussion, and he will plan and discuss with the Vice Chair and Secretary of the working group how and when to start this activity.

WG-SDTA Minutes Item 4: Ground Water and the Land Subsidence on the Coastal Areas

It was noted that the relevant topic of Ground Water and Land Subsidence on the Coastal Areas will be continued as themes for future papers. Chair will provide further updates during the meeting.

This topic will be planned for the 2023 WG-SDTA workshop in India and the newly extended mandate

WG-SDTA Minutes Item 5: Dissemination of activities of WG

Chair will encourage the members of the WG and suggest them to share the information & knowledge experience and provide papers, presentations, articles, reports etc. related to scope of the WG to ICID CO for uploading on the WG website for wider dissemination and knowledge enrichment. In addition,

Chair will encourage them to participate and contribution the activities like online meetings, webinars etc.

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

As per item 7 of the WG minutes, it was noted that the group discussed about updating Multilingual Technical Dictionary (MTD) which have to be introduced properly to newly elected members of the group because they did not know how to contribute, if templates are available. In this regard, please access the link <https://icid-ciid.org/mtd/display.php?lang=en> where full version of MTD is available.

Regarding clearly MTD outline for contribution of the WG, ICID Central Office has requested Vice President Dr. Nor Hisham bin Mohd Ghazali (Malaysia) to get in touch with VPH Dr. Ding Kunlun, Chair of the Task Force on MTD for further clarifications. As a Nodal person of the MTD for the WG, please share your views to Secretary Paavan Kumar Reddy Gollapalli (India), who is assisting the data pooling of MTD and WG Chair Dr. Kao, with a copy to ICID CO. The Chair kindly requests Vice Chair Dr. Nor Hisham bin Mohd Ghazali, and Secretary Paavan Kumar Reddy Gollapalli to keep track of the implementation progress.

WG-SDTA Minutes Item 7: A format for the 2-page ‘Country Note’ – Sustainable Development of Tidal Areas

As per item 7 of the WG minutes, it was noted that the NCs - Japan, Korea, Malaysia, Indonesia, The Netherlands, India and Chinese Taipei Committee have shared two page country papers for the WG. NCs of China, Egypt and Thailand are requested to send their country notes (two pages) to ICID CO, with a copy to Chair of the WG. Chair will provide further updates during the meeting.

WG-SDTA Minutes Item 8: Any other business

8.1 ICID Members’ Profile Section: ICID had launched a new website (<https://www.icid.org/>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members with to access their profile section using their dedicated account. In this regard, ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their account and change their password to maintain secrecy and accuracy. Members are requested to review and update their information in the profile section using their credentials and help us to maintain accurate information.

8.2 Register on World Irrigation and Drainage Schemes (WI&DS): It was noted that ICID’s initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on “World Irrigation and Drainage Schemes (WI&DS)”. WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of command area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. The chair encouraged the members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail. Further, members of the group are requested to please disseminate the information with their NCs. Chair of the WG will provide further updates, if any.



ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WG-SDTA

	Activity	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023
Goal B: Be a catalyst for change in policies and practices									
Strategy B1 : Supporting Development of Appropriate Policies	1.1 Promoting Sophisticated water-saving irrigation development with IOT and water-saving irrigation model techniques exchanges	Technical report, workshop proceedings and water industry web site	Preparing: Promoting demonstrative plan	Site tests demonstration: Hardware construction and software tests	Site tests demonstration: Hardware, software and system control integrating process	Site tests plan: Workshop observation	Examination Plan results & improvement	Examination Plan results & improvement	Examination Plan results & Improvement ; expand to other areas
	1.2 Promoting up-to-date water-saving experience exchange	As above	As above	As above	As above	As above	As above	As above	As above
	1.10 Sustainable drainage management experience exchange	Internet of Things Water industry workshop					Web-based seminars on SDTA	Web-based seminars on SDTA	Internet of Things Water industry workshop
Goal C: Facilitate exchange of information, knowledge and technology									
Strategy C4 : Compile, Collate and Share Knowledge and Experiences	4.26 Special Issue of ICID Journal on SDTA	Special issue of IRD	Announcement of special issue, inviting authors etc.	Setup Review Committee for selected papers based on the workshops	Submission of final drafts	Review Papers: 2019 International workshop papers	1. Publishing Special Issue of IRD 2. 2021 International workshop "Integrated Solution for Irrigation and Drainage of Drainage Tails and Land Subsidence in Tidal Areas"	Review Papers: 2021 International workshop papers	Publishing Special Issue of IRD
Strategy C5 : Dissemination of Data, Information, Tools, Knowledge & Know How	5.8 Develop and maintain the ICID web site as a knowledge hub	On-line					Develop and maintain the ICID web site as a SDTA knowledge hub	Update and maintain the ICID web site as a SDTA knowledge hub	Update and maintain the ICID web site as a SDTA knowledge hub
Goal E: Encourage research and support development of tools to extend innovation into field practices									
Strategy E3 : Develop and Promoting Tools for AWM	3.2 The application for output of development tools from academic institutions			Prepare tidal prediction and typhoon wave model		Prepare Short Course (2021)	Prepare "Tidal Prediction and Land Subsidence Prevention and Reclamation"	Prepare "Numerical Simulation of estuary and drainage flood in Tidal areas"	Prepare "Numerical Simulation of estuary flood and coastal flow field"

	Activity	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023
Goal F: Facilitate capacity development									
Strategy F3: Technical Training of Young Professionals from Member Countries	3.7 workshop/Training Workshop on Sustainable Development of Tidal Areas	Technical transfer and internet information short course /training workshop	Scope, theme and announcement		Short Course/Training Workshop on SDTA		Short Course / Training Workshop on SDTA	Web-based seminars on SDTA	Short Course / Training Workshop on SDTA
	3.8 To launch e-Discussion on Sustainable Development	E-discussion	E-discussion on Sustainable Development of Tidal Areas		e-Discussion on SDTA		e-Discussion on SDTA	e-Discussion on SDTA	e-Discussion on SDTA

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

