



## Summary Report

### 4<sup>th</sup> ASEAN Hydroinformatics Data Centre (AHC) Meeting

09:00 – 12:00 hrs UTC+7, 15 June 2021, Webex

#### INTRODUCTION

1. The ASEAN Hydroinformatics Data Centre (AHC), proposed by Hydro - Informatics Institute (HII), Thailand, has been approved as a centre under the ASEAN Committee on Science, Technology, and Innovation (ASEAN COSTI). AHC reports to the Sub-Committee on Microelectronics and Information Technology (SCMIT).
2. The AHC shall be a platform to support data connectivity among ASEAN's water, weather and disaster related agencies. ASEAN member states can also share their knowledge and technology through AHC to broaden future implementation and operation.
3. The Fourth Meeting of the ASEAN Hydroinformatics Data Centre (AHC) was held on 15 June 2021 virtually through Webex hosted by Hydro – Informatics Institute (HII), Thailand. The Meeting was chaired by Dr. Sutat Weesakul, Chairman of ASEAN Hydroinformatics Data Centre (AHC).
4. The Meeting was attended by delegates from 8 countries, including the Kingdom of Cambodia, the Republic of Indonesia, Malaysia, the Republic of the Union of Myanmar, the Republic of the Philippines, the Republic of Singapore, the Kingdom of Thailand and the Socialist Republic of Vietnam. Representatives from HII were also in attendance. The list of delegates appears as ANNEX 1.

#### AGENDA ITEM 1: OPENING AND ADOPTION OF THE AGENDA

5. Dr. Sutat Weesakul, Chairman of AHC warmly welcomed the participants to the Fourth AHC Official Meeting online. He expressed his confidence that AHC will be an important ASEAN platform to move forward for sharing, accelerating, and strengthening the regional collaboration. He asked the attendees to briefly introduce themselves.
6. The Meeting discussed and adopted the agenda which appears in ANNEX 2.

## **AGENDA ITEM 2: HIGHLIGHTS OF THE 3<sup>rd</sup> AHC MEETING**

7. The Meeting noted the highlights of the AHC-03 Meeting presented by AHC Chairman, e.g. the Climate-Resilient Agriculture for Disaster Risk Reduction Workshop (CRADR) project, and the need to identify National CIO Focal Point. The report of the 3<sup>rd</sup> AHC meeting appeared in ANNEX 3. AHC Chairman also asked all the countries who had yet nominated their National CIO Focal Point to inform the AHC secretariat via e-mail by the Lead Member.

## **AGENDA ITEM 3: STATUS OF AHC**

### **3.1 Progress**

#### **3.1.1 Asi@Connect – “Climate-Resilient Agriculture for Disaster Risk Reduction” project**

8. AHC Chairman reported the summary of the “Climate-Resilient Agriculture for Disaster Risk Reduction (CRADR)” project in response to the Asi@Connect 4<sup>th</sup> Call for Proposals.
9. The Asi@Connect project is the research project supporting by the European Commission (EC) through the Trans-Eurasia Information Network\* Cooperation Centre (TEIN\*CC). Asi@Connect aims to support collaborative programmes in areas such as earth observation, disaster warning, climate research, food security, delivery of e-health and e-learning.
10. Hydro – Informatics Institute (HII) submitted the “Climate-Resilient Agriculture for Disaster Risk Reduction (CRADR)” proposal under the Asi@Connect 4<sup>th</sup> Call for Proposals and was awarded by TEIN\*CC. The project agreement was signed by TEIN\*CC and HII in January 2021 and HII reported the progress in the last AHC meeting. Now, since the project period started from December 2020 and ended on May 2021, Dr. Sutat presented the summary of the project including its background, objectives, activities, and the outcome of the project. Due to COVID-19 pandemic and restriction of national and international travel policy, all activities under this project were shifted from physical to virtual format.
11. In the last meeting, the AHC members suggested that the workshop could be of benefit to stakeholders in different fields e.g., agriculture and climate. So HII had a separate communication with each AHC members to extend the invitation to participate in the project to all the related stakeholders in ASEAN. Representatives from all the 9 countries of AHC had participated in this project.
12. The CRADR workshops were successfully organized in February, March and May 2021. The ASEAN participants had participated and presented “Smart Agricultural Technology” in their own country to the workshop. For example, representatives from Cambodia, Indonesia, Singapore and Thailand shared their technologies under

the topic “Agricultural utilization of drones’ in your country” and “Other Smart Agricultural Technology in my country”. Delegates from Malaysia presented “How are drones helping Malaysia’s move towards sustainable farming and agriculture?”.

13. Finally, Dr. Sutat summarized the outcome of the CRADR project to AHC that can be framed into “Principle of achievement at 3 levels” which are Communities, Provinces and Supporters. The development itself can also be classified into 3 phases; Phase 1: Standard (Present), Phase 2: Advance (Future), and Phase 3: Professional (Sustainable Development).

### **3.2 Update progress of each member on internal discussion**

14. AHC members from Cambodia and Singapore updated their respective progress for the year as shown in ANNEX 4.

## **AGENDA ITEM 4: AHC ROADMAP 2020 – 2030**

### **4.1 Review of AHC Roadmap 2020 – 2030**

15. The meeting reviewed the AHC roadmap and discussed the impact of COVID-19 to the workplan. There had been a slight delay in term of activity and the change of format from physical to virtual activity due to COVID-19 related constraints. However, the main roadmap of AHC was still not affected.

### **4.2 AHC Knowledge Sharing**

16. Dr. Sutat proposed new activity plan, “AHC Knowledge Sharing”, to all participants. This activity will be organized in accordance with the 5 Thematic Areas (5 TA); TA1 Hydroinformatics Centre, TA2 Big Data and Data Analytics, TA3 Observation Technology, TA4 Modeling, and TA5 Sustainable Water Management, and also aligned with the 3 AHC Framework: Knowledge Sharing, Technology Matching and Capacity Building. All activities are designed to be organized in the virtual format. It is scheduled as a 3-hour session, every 3 months. At the end of each workshop, the participants will discuss about how can they match with their existing technology and build capacity of all members in the future.
17. The theme and topic of each knowledge sharing sessions are based on the shared technology and common interest of members. AHC members can invite other local partners to participate in the Knowledge Sharing which AHC Secretariat will support by sending the official invitation letter to all participants.
18. AHC members discussed about the relationship and continuity of each session, and the flexibility of topic selection and prioritization. The meeting agreed that the themes and topics can be altered according to the need of members, and the presentation content can also be linked subjected to each countries. Meanwhile, the members

expressed interest in the usage of drone and agreed it could be beneficial to all. And the topic “Groundwater” should also be identified in the TA5 Sustainable Water Management as well.

19. The first workshop is planned to be held in September 2021 with TA3 Observation Technology. The topic could be related to “Telemetry” which is the shared technology and common interest among all members. The topic for other theme could be discussed later via online communication after the first workshop finish.

#### **AGENDA ITEM 5: SELECTION OF AHC CHAIRMAN AND VICE-CHAIR**

20. AHC Chairman informed members on the terms and conditions of Chairmanship. The current chairmanship will end in June 2021 after the 4<sup>th</sup> AHC meeting, but the term of HII team as AHC secretariat will end in 2022.
21. As the next alphabetical order country, AHC Chairman asked Vietnam’s Representative for their possibility to be the next Chairman of AHC. But the Vietnamese representative expressed they were not available for this responsibility. Therefore, member from Singapore gently volunteered to be the next Chairman of AHC.
22. Member from Singapore proposed to extend the term of current Chairmanship to the end of December 2021 so that the next Chairmanship period can coincide with the calendar year, and all members agreed for this amendment. The new term of chairmanship will start from January 2022 – December 2023.
23. The 5<sup>th</sup> AHC Meeting will be organized before the end of December 2021 and will also select the new AHC Vice-Chairman in this meeting.

#### **AGENDA ITEM 6: OTHER MATTERS**

24. Thailand National CIO Focal Point presented the effect of the tropical storm “Koguma” which had direct effect to Lao PDR, Thailand and Vietnam. In the future, more discussion about the extreme case could be organized to exchange knowledge and collaboration among AHC members.

#### **AGENDA ITEM 7: DATE AND VENUE OF THE NEXT AHC MEETING**

25. The Meeting agreed to the proposed date of the 5<sup>th</sup> AHC Meeting in December 2021.

**AGENDA ITEM 8: ADOPTION OF THE REPORT OF THE 4<sup>th</sup> AHC MEETING AND CLOSING**

26. The Meeting agreed that the report would be adopted ad referendum. AHC secretariat will thereafter forward the endorsed report to ASEAN Secretariat and to Sub-Committee on Microelectronics and Information Technology (SCMIT).
27. The AHC Chairman expressed his appreciation to all AHC members for their support and valuable assistance.
28. The Meeting was held in the traditional spirit of ASEAN cordiality and solidarity.

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Written by: AHC Secretariat team, Thailand

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**List of ANNEXES**

ANNEX 1: List of Delegates

ANNEX 2: Agenda of the 4<sup>th</sup> ASEAN Hydroinformatics Data Centre Meeting

ANNEX 3: Report of the 3<sup>rd</sup> ASEAN Hydroinformatics Data Centre Meeting

ANNEX 4: Update from Cambodia and Singapore