



## Summary Report

**2<sup>nd</sup> ASEAN Hydroinformatics Data Centre (AHC) Meeting**  
08:30 – 14:10 hrs., 15 December 2019, HII building, Bangkok, Thailand

### 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 Second Meeting of the ASEAN Hydroinformatics Data Centre (AHC) was held on 15 December 2019 at the Operation and monitoring water crisis situation room (War room), 2<sup>nd</sup> Floor, Hydro – Informatics Institute (HII), Bangkok, Thailand. The Meeting was chaired by Dr. Sutat Weesakul, Chairman of ASEAN Hydroinformatics Data Centre (AHC).
4. The Meeting was attended by delegates from the Kingdom of Cambodia, the Republic of Indonesia, the Lao People's Democratic Republic, 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 Second AHC Member Meeting and to Bangkok, Thailand. 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 1<sup>st</sup> AHC MEETING

7. The Meeting noted the highlights of the AHC-01 Meeting presented by AHC Chairman. The report appears as ANNEX 3.

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

#### **3.1 New**

8. The Meeting noted there were no new projects/activities/initiatives proposed.

#### **3.2 On-going**

##### **3.2.1. Progress**

##### **3.2.1.1. Update from AHC report in the 48<sup>th</sup> Sub-Committee on Microelectronics and Information Technology (SCMIT) Meeting**

9. The Meeting noted the update information arising from the 48th Sub-Committee on Microelectronics and Information Technology (SCMIT) Meeting wherein AHC shall be proposed as a related SCMIT activity by SCMIT to the “STI Framework for Action Converging towards the Development of an ASEAN Platform on Science, Technology and Innovation for Disaster and Climate Resilience”.

##### **3.2.1.2. Asia – Pacific Advanced Network (APAN) – Collaboration on the Utilization of Himawari Real-time Web**

10. The Meeting was informed of the potential for collaboration on the utilization of the Himawari Real-time Web developed by the National Institute of Information and Communications Technology (NICT), Japan for ASEAN countries. The Meeting noted that each member country may need to explore for its own fastest route to link to for access to Himawari information.

##### **3.2.2. Potential Financial Support**

##### **3.2.2.1. Asi@Connect – 4<sup>th</sup> Call for Proposal**

11. The Meeting noted the Thailand’s project proposal on “Climate-Resilient Agriculture for Disaster Risk Reduction – CRADR” in response to the Asi@Connect 4<sup>th</sup> Call for Proposals. If the project is funded, all current ASEAN members shall be eligible to participate in it. The outcome announcement of this proposal will be in January 2020.

##### **3.2.2.2. ASEAN Chief Information Officer Association (ACIOA)**

12. The Meeting was informed of the ASEAN Chief Information Officer Association (ACIOA)’s aim which is to develop and co-create a sustainable ASEAN towards greater quality of living. ACIOA intends to support the initiative of AHC on the sharing of knowledge on hydroinformatics via AHC’s data centre platform.

##### **3.2.2.3. Friends in Need (of "PA") Volunteers Foundation, Thai Red Cross**

13. The Meeting noted the information on collaboration between Friends in Need (of “PA”) Volunteers Foundation (FOP) and Hydro – Informatics Institute (HII), with potentially collaborative efforts in Lao PDR and Myanmar. FOP will shift its focus from “relief” to “prevention” so as to minimise losses that may occur after the situation. AHC noted FOP’s interest for collaboration with it.

### **3.2.3. Project**

#### **3.2.3.1. A Novel Decision Support Tool for Flood Risk Management (FloRiMaT)**

14. The Meeting was informed of the ASEAN – India Collaborative Research and Development Project under the ASEAN – India Science, Technology and Innovation Cooperation and the proposal for a collaboration project, “A Novel Decision Support Tool for Flood Risk Management (FloRiMaT)”, from India partners to ASEAN and AHC.
15. The Meeting commented that in future project considerations, Intellectual Property (IP) issues must be addressed before a project is funded.

### **3.2.4. Update progress of each member on internal discussion**

16. Each member country updated on its progress for the year as shown in **ANNEX 4**.

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

17. The Meeting discussed and updated Contributions and Needs from each of the countries as shown in **ANNEX 5** and agreed on the 5 Thematic Areas namely: 1) HIC Development 2) Big Data and Data Analytics 3) Observation Technology 4) Modeling and 5) Sustainable Water Management as shown in **ANNEX 6**. The Meeting discussed and agreed to proceed with the AHC Roadmap as shown in **ANNEX 7** and will start AHC work with Thematic Areas 1 and 3.

## **AGENDA ITEM 5: REVIEW OF REVISED AHC TOR**

18. Arising from ASEAN COSTI’s request to all ASEAN Centres to review their Terms of Reference (TOR) using the endorsed ASEAN Secretariat Template, the Meeting has reviewed and revised AHC TOR as shown in **ANNEX 8**.

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

19. The Meeting agreed to appoint a “Focal Point” from each country who shall then be the person in charge for coordinating future activities/collaborations. The qualifications and functions of the Focal Point or person who will be such that it will perform the CIO role as shown in **ANNEX 9**. With the “International Conference on Policies, Law and Regulations for Water Resources Management in Southeast Asia Countries” which had active participation from most of the AHC members (12 – 13 December 2019), AHC Chairman had thought it timely to remind the Meeting on the rule of law in terms of equity, continuity and participation amongst member countries. The Meeting agreed on the principle and will take this issue into account.
20. For ease of access to all AHC members, the Meeting agreed to create an AHC mailing list and AHC secretariat will be responsible for this issue.
21. The Meeting endorsed AHC secretariat to proceed with the request that AHC be recognized as an official ASEAN Centre. AHC members expressed their concern regarding the name of AHC that may cause some confusion and delay of the establishment. AHC secretariat will explore possible solutions and update all members in the next meeting. In this connection, AHC secretariat shall circulate information on the Sub-Committee on Microelectronics and Information Technology (SCMIT)’s focal points for each country to AHC members for in-country discussions and follow-up.

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

22. The Meeting agreed to the proposed venues of upcoming AHC meetings as follows:

Topic	Date	Venue
<b>3<sup>rd</sup> AHC Meeting</b>	May – June 2020 (TBC)	Videoconference
<b>4<sup>th</sup> AHC Meeting</b>	16-18 November 2020	Singapore
<b>5<sup>th</sup> AHC Meeting</b>	1 <sup>st</sup> Half of 2021	Videoconference (TBC)
<b>6<sup>th</sup> AHC Meeting</b>	2 <sup>nd</sup> Half of 2021	Vietnam (TBC)

**AGENDA ITEM 8: ADOPTION OF THE REPORT OF THE 2<sup>nd</sup> AHC MEETING AND CLOSING**

23. The Meeting adopted the Report of the 2<sup>nd</sup> Meeting of the ASEAN Hydroinformatics Data Centre (AHC-02), and AHC secretariat will thereafter forward the endorsed report to ASEAN Secretariat and to Sub-Committee on Microelectronics and Information Technology (SCMIT).
24. The delegates from Cambodia, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore, Thailand and Vietnam expressed their sincere appreciation to Thailand, the Secretariat, and Chair for the warm hospitality and the arrangements made for the Meeting.

**List of ANNEXES**

ANNEX 1: List of Delegates

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

ANNEX 3: Report of the 1<sup>st</sup> ASEAN Hydroinformatics Data Centre Meeting

ANNEX 4: Update from Each Member

ANNEX 5: Contributions and Needs

ANNEX 6: AHC Thematic Areas

ANNEX 7: AHC Roadmap

ANNEX 8: Revised AHC TOR

ANNEX 9: Function of Focal Point or CIO Roles