**Workshop on “SMART Informatics for Sustainability”**

**Session 3: Country Showcase & Demonstration on
“SMART Informatics in operation towards sustainability**

***Introduction (Why SMART Informatics?):***

 “SMART Informatics” is an essential component for today and future achievement. It supports the disaster management cycle and also valuable for the development toward SDGs. The utilization of smart informatics makes a better life of humankind and leaves no one behind. This workshop will exchange knowledge and experiences in conducting research and development for water resource management, climate change adaptation and disaster risk reduction. The participants will get to expose to cost-efficient tools and technologies including intelligent modelling and simulation of real time information.

***The booklet complied by:***

Hydro and Agro Informatics Institute (HAII) is a government agency focusing on research and promoting used of informatics in Thailand, especially on hydrology, water resource management and agriculture. HAII has collaboratively worked with public, private, academic and non-profit organization from national to local level. From the success of National Hydroinformatics and Climate Data Center (NHC) ([www.thaiwater.net](http://www.thaiwater.net)), HAII will scale up from national to regional level as the ASEAN Hydroinformatics and Climate Data Center (AHC) ([www.aseanwater.net](http://www.aseanwater.net)).

***To be published in:***

The “Workshop on SMART Informatics for Sustainability” on 21st March 2018. This workshop is a part of the Thailand’s ASEAN NEXT 2018 “Rising STI Networking for Innovative ASEAN” to be held in Royal Orchid Sheraton Hotel, Bangkok, Thailand during 19th – 23rd March 2018

***Booklet objectives:***

This booklet is a collection of practical examples of tools and technologies that demonstrate at the Workshop on “SMART Informatics for Sustainability”. It will provide valuable knowledge and experiences in area of water, weather and disaster; focusing on: 1) Flood and drought, 2) Disaster and 3) Water operation; which will be beneficial to all ASEAN Member States to adopt and apply for their country advantages.

***Key dates:***

12th January 2018 Call for submission of Demonstration

16th February 2018 Submission of Demonstration abstract

23rd February 2018 Editing and layout

28th February 2018 Print and Publication

***Outline of Booklet:***

1 Page Preface

1 page Welcome message

2 Pages Introduction to ASEAN Hydroinformatics and Climate Data Center (AHC)

7 Pages Abstract and Short Biography of Speakers

10 Pages Abstract of ASEAN Demonstration and Presentation

**DEMONSTRATION ABSTRACT**

**Title:**

**Author and affiliation:**

**Organization name and brief organization profile *(50-80 words)*:**

**Abstract: *(100 – 150 words)***

**Please insert Figure, diagram or picture**

Abstract is written for the purpose of concise summarizing the main points of the demonstration. The abstract must clearly demonstrate relevance to accessibility operation. It must also describe the purpose, the scope, the methods and the used of *the SMART Informatics tools and technologies* *in operation.*

**Application of tools and technologies:**

List of the SMART Informatics tools and technologies that used for demonstration

**References (if any):**