



Training Workshop on Water Security Assessment

26-30 March 2018
Bangkok, Thailand

at
Asian Institute of Technology

WATER SECURITY



Background

Water is increasingly becoming a scarce natural resource in many parts of the world, and cannot be taken for granted. Multiple drivers like population growth, rural migration, urbanization, unregulated abstraction of water, indiscriminate pollution are already creating a stress on existing water resources. This is likely to be exacerbated by the imminent effects of climate change which will jeopardize water security in the future if appropriate remedial actions are not taken. Creating a water-secure society is therefore one of the top priorities for governments and policy makers across the globe.

Strategic decision-making related to enhancing water security has always been immensely challenging. One of the reasons for this is lack of quantitative information and contextual knowledge to inform decision making. ‘We cannot plan what we do not measure!’ is a remark that is very commonly associated with water security. Measuring water security is, therefore, central to any water security plans made at national or sub-national level. This workshop seeks to address this very important aspect of water security – water security assessment.

Objectives

The objectives of this training workshop are:

- i) To provide the participants with state-of-the-art knowledge of water security and its related implications;
- ii) To train the participants to perform a water security assessment at different scales; and
- iii) To identify and deliberate upon the research needs in “water security”

Scope of the Training

- i) Explaining the water security philosophy and its relevance to the global agenda
 - Definitions of water security as applicable to various disciplines
 - Water security and IWRM
 - Water security and the 2030 Developmental Agenda for Sustainable Development

- ii) Introducing water security assessments
 - Types: quick, comprehensive
 - Scales: national, basin, local
 - Examples: ADB, GWP, others.
- iii) Training in the methodology for water security assessment
 - Identifying relevant water security dimensions: DPSWR technique, story boarding, etc.
 - Identifying appropriate indicators: SMART indicators, sensitive indicators
 - Proxies: when data availability is a concern
 - Techniques for data identification
 - Interpreting water security
- iv) Carrying out an actual water security assessment
 - Practical exercise with real-life data
- v) Focused group discussion on identification of research needs and planning for “water security”.

Expected Outcomes

At the end of the workshop, participants will

- i) Have an improved understanding of water security—theory, practice, and policy— and its implications for sustainable development.
- ii) Have sound knowledge of the theory behind water security assessment methods, and the activities required to perform the assessment.
- iii) Be capable of conducting a real-life water security assessment at a particular scale.
- iv) Have identified potential areas/topics for research in water security

Workshop Organization

The workshop will take place at AIT (Bangkok) under supervision of Prof. Babel. The workshop is carried out within the framework of the exceed-Swindon project located at the technical University of Braunschweig, Germany.

SCHEDULE

Day	Date	Time	Activity
Sunday	25.03.2018		ARRIVAL
Monday	26.03.2018	9h -18h	Training Workshop
Tuesday	27.03.2018	9h -18h	Training Workshop
Wednesday	28.03.2018	9h -18h	Training Workshop
Thursday	29.03.2018	9h -19h	Training Workshop & Regional Meeting I
Friday	30.03.2018	9h -19h	Training Workshop & Regional Meeting I
Saturday	31.03.2018		DEPARTURE

Target Audience:

The target participants of this workshop are graduate (Masters and PhDs) students who have an inclination for water security research, and teaching/research faculty who supervise research work in water security related areas.

Number of participants:

The number of participants is limited to **30**. Nine participant groups will be formed:

Six groups (representing full members) from SEA (2 students and 1 lecturer)

One group (representing full member) from LA (2 students and 1 lecturer)

One group (representing full member) from SSA (2 students and 1 lecturer)

One group (representing full member) from MENA (2 students and 1 lecturer)

All are asked to register with a letter of motivation that states the relation to water security research and, probably, reports on own research initiatives and activities.

SEA Regional Meeting I:

The first regional meeting of the SEA exceed-SWINDON regional network will **take place during the training workshop**.

Deadline / Registration:

Please apply online until **15 January 2018**

<http://www.exceed-swindon.org/apply> under "Workshop or Training Course"

Deadline / Notification:

Selection and Notification to the applicants will be carried out until **22 January 2018**.

Funded by



Federal Ministry
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