

# International Expert Workshop on Linking Water Security to the Sustainable Development Goals

August 29 – September 1 of 2018  
São Paulo, Brazil



# Linking Water Security to the Sustainable Development Goals

## Overview

Water Security is emerging as a primary sustainability challenge across the globe in the 21st century. It is a determinant for security in various societal and environmental aspects including food, energy, economy, environment and public health, and thus has a complex political momentum that goes far beyond the traditional water sector. To understand, project, address and plan for water security challenges, we must collectively understand exposure to climate and environment driven hazards, as well as socio-economic determinants, and the cultural and political context within which we live, work and play. Technologies (ranging from model-based scenarios and predictions to green and grey infrastructure and treatment systems, and from remote sensing to social media) and innovative financing and governance systems are being proposed to address water security.

## Objectives

On the completion of the International Workshop, the attendees will have the opportunity to acquire knowledge on Water Security considering water governance and management, technological innovation and emerging solutions for water conservation, reuse and recycle in order to achieve the Sustainable Development Goals proposed by the United Nations. More specifically, each participant will be equipped with essential state-of-the-art knowledge concerning:

- (i) The Water Security and its role in addressing the Sustainable Development Goals
- (ii) Challenges and opportunities to reach Water Security considering quality and availability
- (iii) Water Security lessons learned and long term implications in developing countries

## Main Program Topics

- Water Security Concept
- The UN 2030 Agenda: understanding the SDG
- Challenges to achieve water security: in cities from developing world
- Integrated water management
- Climate change and water
- Technological innovation for drinking water, wastewater and reuse
- Indigenous and hybrid knowledge systems, common-pool resource systems
- Sustainable development, ecosystems and human health

## Lectures, debates, final work & technical visit

The Workshop consists of distinct lectures, discussions, round tables, work and discussions in groups, presentations session by the participants as a result of the Working Groups. It's planned a technical visit to the Serra do Mar National Park (tbc).

PROGRAM					
Day	Time		Speaker	Title, Place	
1	<b>Tuesday, 28th August 2018</b>			Arrival	
	7 – 9 pm		Light Dinner	Hotel	
2	<b>Wednesday, 29th August 2018</b>				
	8:30 – 9:00am	1	Registration	Institute of Advanced Studies-IEA-USP	
	9:00 – 9:15am	2	Organization Committee Prof. Marcelo Nolasco	Welcome Introduction to the Workshop	
	9:15-9:30am	3	IAS/IEA-USP Director	Opening Remarks	
	9:30am-11:00am	4	<b>Keynote Speech</b>		
	11:00-11:20am	<b>Coffee-Break</b>			
	11:20-12:15am	5	<b>Painel with Keynote Speaker</b>		
	12:15-2:00pm	<b>Lunch</b>			
	2:00-4:00pm	6	<b>Round Table 1</b>		
	4:00-4:20pm	<b>Coffee-Break</b>			
	4:20-4:40pm	7	<b>Organizing the Problem Based Solving Activities for the working Groups *</b>		
	4:40-6:00pm	8	<b>Groups and respective themes 1<sup>st</sup> meeting</b>		
	7:00-9:00pm	<b>Dinner</b>			
3	<b>Thursday, 30th August 2018</b>			Venue: IAS/IEA-USP	
	9:00 – 9:15am	1	<b>Organization Committee</b>	<b>Opening</b>	
	9:15-10:30am	2	<b>Round Table 2 (part 1)</b>		
	10:30am-10:45am	<b>Coffee-Break</b>			
	10:45am-12:15am	3	<b>Round Table 2 (part 2) - Closing remarks</b>		
	12:15am-2:00pm	<b>Lunch</b>			
	2:00pm-4:00pm	4	<b>Round Table 3 (part 1)</b>		
	4:00pm-4:15pm	<b>Coffee-Break</b>			
	4:15pm-5:30pm	5	<b>Round Table 3 (part 2) Closing remarks</b>		
	7:00-9:00pm	6	<b>Dinner</b>		
	<b>Friday, 31st August 2018</b>			Venue: IAS/IEA-USP	
	9:00 – 9:15am	1	<b>Organization Committee</b>	<b>Opening</b>	
	9:15-10:30am	2	<b>Working Groups **</b>		
	10:30am-10:45am	<b>Coffee-Break</b>			
	10:45am-12:15am	3	<b>Working Groups</b>		
	12:15am-2:00pm	<b>Lunch</b>			
	2:00pm-4:00pm	4	<b>Working Group presentations</b>		
4:00pm-4:15pm	<b>Coffee-Break</b>				
4:15pm-5:30pm	5	<b>Closing Remarks</b>			
7:00-9:00pm	<b>Dinner</b>				
4	<b>Saturday, 1<sup>st</sup> September 2018</b>				
	9:00am-12:30pm	Technical Visit			
	1:30-3:00 pm	<b>Lunch – Santos</b>			
	4:00-7pm	<b>Arrival at hotel and free time</b>			
	7:00-9:00 pm	<b>Dinner</b>			
5	<b>Sunday, 2nd September 2018</b>			<b>Participants Departure</b>	

## Key Dates:

<b>June 5</b>	Expert Workshop Announcement
<b>June 30</b>	Application deadline
<b>July 10</b>	Notification of selected participants
<b>August 28</b>	Arrival
<b>August 29-31</b>	Workshop
<b>September 2</b>	Departure

## Target Audience:

The expected attendees are **preferably Researchers, Scientists and Experts (persons from industry and private institutions cannot be funded)**, related to one or more Workshop's objectives and topics.

## Number of participants:

The number of funded participants is limited to 40 (this includes 32 candidates out of the Latin American Regions (e.g. exceed-Swindon LA associate members) and 8 exceed-Swindon full members. Candidates from exceed-Swindon universities members will be given priority. Funds for participants are dedicated for applicants from developing countries only.

## Application:

Please apply while using this link: <http://la.exceed-swindon.org/announcements/> and follow the instructions given.

In addition to your application, you are asked to upload an extended abstract paper. To prepare this paper, follow the instructions given on the website mentioned above. **Deviation from the instructions and the template for abstracts will not be accepted!**

Authors of the accepted abstracts (based on the abstracts submitted) are also requested to submit a full paper and copyright agreement. The submission of the full paper is made with the registration on-site (electronic copy of the full paper) during the first day of the workshop. The full papers will be printed in our exceed-Swindon Book Series with associated ISBN number and are published by Cuvillier Publisher, Germany.

Website of the Sustainable Water Management in Developing Countries Project: <http://www.exceed-swindon.org/>

For general information, e-mail: [exceed@tu-braunschweig.de](mailto:exceed@tu-braunschweig.de)

**Venue:** Universidade de São Paulo - São Paulo, Brazil (website: [www.usp.br](http://www.usp.br))

### Organizing Committee and Contacts:

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