

# CONFERENCE ANNOUNCEMENT AND CALL FOR PAPERS

Abstract submission extended to 30<sup>th</sup> June 2014



Organized by



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Knowledge Partner



## 1<sup>st</sup> Specialist Conference on Municipal Water Management and Sanitation in Developing Countries

From toilet to source - Accelerating uptake of sustainable  
and integrated wastewater management solutions

Bangkok, Thailand  
2-4 December 2014

[www.iwa2014ait.com](http://www.iwa2014ait.com)

## Specialist Conference





## INVITATION

On behalf the Organizing Committee, it is my great pleasure to welcome and invite you to the IWA Specialist Conference at the Asian Institute of Technology (AIT), Thailand. This unique opportunity allows us to celebrate the 50<sup>th</sup> Anniversary of the Environmental Engineering and Management of AIT with a generous consent by the three IWA specialist groups: Water and Sanitation in Developing Countries; Urban Drainage; and Sludge Management. In addition, the Japan Sanitation Consortium, Wastewater Management Authority (Thailand), Faculty of Engineering of the Prince of Songkhla University (Thailand) and Environmental Engineering Association of Thailand agreed to be co-organizers of the Conference with GIZ as a strategic knowledge partner where hundreds of professionals and researchers in the region could exchange the relevant researches and practical experience in water management and sanitation technologies with emphasis on integrated approaches and sustainable solutions.

Apart from knowledge sharing, the Conference will create a sociable platform for networking with peers and potential users of the innovations and interventions. A charming campus of AIT and well-equipped facilities at the Conference Center would offer decent atmosphere with its wonderful cuisines to ascertain your stay an unforgettable experience!

Thammarat Koottatep  
Associate Professor  
Asian Institute of Technology

## CONFERENCE OUTLINE

Despite immense efforts over the last decade to improve the access to sustainable wastewater management and sanitation solutions in developing countries the situation is still grim and has hardly improved. In the most populous regions, such as Asia, there is still a large number of the population that does not have access to any type of sanitation solution and this number is even on the raise. Further, even where access has been provided, often such technologies are doomed to fail due to the lack of operation and maintenance and, above all, institutional and economic hurdles.

Today there is a widespread consensus that traditional top-down approaches for infrastructure provision (see e.g. IWA Sanitation 21) as well as conventional technologies based on end-of-pipe solutions are at the center of the problem, and currently several organizations are developing alternative options and new solutions. However, recent research has shown that alternative approaches may suffer from similar shortcomings as conventional solutions and may not be a panacea to solve the wastewater and sanitation challenge. Even more, due to the proliferation of different types of concepts and technologies to address this problem, it became even more difficult to find the solutions that are best suited in a given context. For instance: should the problem be tackled at source, should it be more decentralized, do we need to re-engineer the entire sanitation chain or should we revive more centralized concepts.

Against this background, the conference aims at discussing the wastewater and sanitation challenge from an integrated perspective and different angles, following the “from toilet to source” concept, meaning that any toilet wastewater sooner or later becomes a water source. The term “integrated perspective” hereby mainly refers to a perspective which acknowledges that if a sector is analyzed in isolation, only sub-optimal solutions may be determined. Instead, wastewater should be tackled with consideration of storm-water, sludge as well as solid waste management (it is assumed that the importance of water supply in this context is already well understood). Due to institutional boundaries and different time frames, however, this may be difficult to achieve.

To foster the integrated perspective, this conference is supported by three IWA Specialist Groups; namely the Specialist Group on Water Management and Sanitation in Developing Countries, the Specialist Group of Sludge Management and the Specialist Group on Urban Drainage. The conference is also co-organized by the Japan Sanitation Consortium, Wastewater Management Authority (Thailand), Faculty of Engineering of the Prince of Songkhla University (Thailand) and Environmental Engineering Association of Thailand with GIZ as a strategic knowledge partner.



# CONFERENCE THEMES

The conference welcomes contribution in the field of municipal wastewater management in rural, peri-urban and urban areas and at small, medium and large scales, that falls under one or more of the following conference themes:

## **Theme 1: New conceptual approaches and technologies to wastewater management**

*(This theme targets any contribution that discusses non-conventional approaches and technologies)*

## **Theme 2: New approaches to planning, financing and implementation**

*(Planning, financing and modes of implementation are crucial factors for achieving sustainable solutions, and under this theme any contribution dealing with new approaches in these fields is welcome).*

## **Theme 3: Integrated solutions considering sludge, storm-water and solid waste management aspects**

*(Under this theme, contributions that illustrate benefits stemming from such integrated solutions are encouraged, including sludge/septage management)*

## **Theme 4: Independent evaluation and assessment of wastewater solutions**

*(A substantial barrier for the uptake of innovative solutions is the lack of independent evaluations and comparison with conventional technologies. Experience has shown that often developers of such technologies may even be reluctant to share openly data on technology performances. Therefore, under this theme contributions on such independent evaluations are sought)*

## **Theme 5: Case & pilot studies**

*(This is a cross-cutting theme and case & pilot studies that demonstrate any of the themes 1-4 are particularly welcome)*

## ORGANIZING COMMITTEE

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## CONFERENCE SECRETARIAT

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## INTERNATIONAL PROGRAM COMMITTEE



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Tsinghua University (China)

### **Prof. Tjandra Setiadi**

Institut Teknologi Bandung (Indonesia)

# SUBMISSION PROCEDURE

Abstracts will be accepted for oral and poster presentation, and shall be limited to a maximum of two A4 pages (including figures and tables).

The abstracts have to contain adequate information to allow a sound review, including:

- Clear description of the methodology applied
- Summary of the achieved results
- Expected impact of the work and learning points for future applications
- Supporting material where required

Abstracts shall be submitted via the Conference's email: [iwa2014ait.thailand@gmail.com](mailto:iwa2014ait.thailand@gmail.com). For guidelines on the abstract format and more information about the Conference, please visit our website at [www.iwa2014ait.com](http://www.iwa2014ait.com).

Submission of abstracts will be welcome until **31<sup>st</sup> May 2014**.

On the basis of the abstracts received, a review will be undertaken by the International Programme Committee to select papers for either oral or poster presentations at the Conference.

If selected, an author must submit on schedule an 8-page full paper manuscript in order to be included in the oral presentations of the Conference. Authors will be notified of their selection on **31<sup>th</sup> July 2014**.

At least one author of each selected paper or poster must register and attend the Conference to present the paper.

Authors must attend the Conference at their own expense for costs including the Conference registration fee, travel and accommodation.

## Contact Information

### Co-chair

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## KEY DATES

Closing date for abstract submission  
**31<sup>st</sup> May 2014** **Extended to 30<sup>th</sup> June 2014**

Date of notification to selected authors  
**31<sup>st</sup> July 2014**

Closing date for full paper and poster submission  
**30<sup>th</sup> September 2014**

Start of conference registration  
To be announced

## CONFERENCE SCHEDULE

### 1<sup>st</sup> December 2014

Registration  
Welcome Reception  
Field Visit (Optional)

### 2<sup>nd</sup> December 2014

Registration  
Conference Opening Sessions  
Plenary and Parallel Podium and Poster Sessions  
Exhibition and Networking

### 3<sup>rd</sup> December 2014

Registration  
Plenary and Parallel Podium and Poster Sessions  
Exhibition and Networking  
Conference Gala Dinner

### 4<sup>th</sup> December 2014

Conference Closing Sessions

## PUBLICATION

Following the conference, the papers selected by the International Program Committee will be published after peer review in IWA Journals such as Water Science & Technology and Water Practice & Technology.

### Conference Venue

AIT Conference Center  
Asian Institute of Technology, Thailand  
Please visit the websites for more detail  
[www.iwa2014ait.com](http://www.iwa2014ait.com)  
[www.aitcc.ait.ac.th](http://www.aitcc.ait.ac.th)

## 50<sup>th</sup> Anniversary of Environmental Engineering and Management



After establishment of the Asian Institute of Technology (AIT) in 1959, the postgraduate study program on "Sanitary Engineering" was firstly offered in 1964 which have been internationally recognized as a pioneer institution for development of sanitary and environmental engineering professionals in the region. Scope of the curriculum and research activities have been developed not limited to the engineering aspects but expanding to management and planning practices with socio-economic considerations, resulting in the present academic program namely "Environmental Engineering and Management".

Throughout the 50-year period, the Environmental Engineering and Management (EEM) Program at AIT has produced more than 4,000 PhD and Master graduates together with several hundreds of peer-reviewed publications in books, international journals, and monographs. In such an auspicious event of the 50th Golden Jubilee Anniversary of EEM program in Year 2014, we are proud to host the 1st Specialist Conference on "Municipal Water Management and Sanitation in Developing Countries" during 2 – 4 December at the AIT Conference Center, Pathumthani, Thailand. This event will be an international platform for sharing advanced knowledge and expertise through oral and poster presentations, including an exhibition of the reinvented technologies by local and international organizations.