

## **5<sup>th</sup> APN Meeting Program**

“Sustainable Urban Water Quality Management in Southeast Asia:  
Implementation of Research Development Tools”

Dates: **Nov. 1, 2011**

Venue: Depak C. Jain Meeting room (1<sup>st</sup> Fl.), Sasa international House, Chulalongkorn University, Bangkok

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8.40-9.00: Registration

### **Session 0: Opening ceremony**

(Chair: Dr. Chantra Tongcumpou)

9.00-9.30: - Opening ceremony (by BMA representative, Drs. Linda Stevenson, Jariya Boonjawat (APN), and Dr. Suthipong Sthiannopkao (APN's project leader))

- Introduction of participants

- A group photograph

### **Session 1: APN project overview**

(Chair: Dr. Chantra Tongcumpou)

9.30-9.45: Overview of APN project (Dr. Suthipong Sthiannopkao)

### **Session 2: Water quality risk assessment in Southeast Asian rivers**

(Chair: Dr. Suthipong Sthiannopkao)

9.45-10.15: Risk assessment – A case study of microbiological contamination in Southeast Asian rivers (Dr. Kenneth Widmer)

10.15-10.45: Risk assessment – A case study of heavy metals contamination in Southeast Asian rivers (Ms. Penradee Chanpiwat, Dr. Suthipong Sthiannopkao)

10.45-11.00: Break

**Session 3: Application of research developed tools for urban water quality management I**

(Chair: Dr. Setiawan Wangsaatmaja)

11.00-11.30: Application of SWAT model to predict water quality in the Chao Phraya river basin (Dr. Kyung Hwa Cho)

11.30-12.00: Development and applications for a regional water quality index (Dr. Nguyen Thi Van Ha)

12.00-13.30: Lunch

**Session 4: Application of research developed tools for urban water quality management II**

(Chair: Prof. Nguyen Cong Thanh)

13.30-14.00: Development of water sustainable index (Dr. Soydoa Vinitnantharat)

14.00-14.30: SWOT applications for urban water policies (Dr. Setiawan Wangsaatmaja)

14.30-14.50: The future of SEAWED (Southeast Asian Water Environment Database) – Where we intend to expand. What the future plans are for the database. How public administrators can utilize this now and for future issues regarding urban water quality (Dr. Kenneth Widmer).

14.50-15.15: Break

**Session 5: Discussion on SEAWED and Implementation of Research tools**

(Chairs: Dr. Kenneth Widmer, Dr. Suthipong Sthainnopako)

15.15-16.00: Gathering comments/suggestions from invited participants on applying and improving SEAWED & other research tools for urban water quality management (Dr. Kenneth Widmer, Dr. Suthipong Sthainnopako)

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