

Singapore International Water Week (SIWW) Workshop:

New Concepts in Integrated Management of the Urban Water Cycle

Co-Hosts: UNESCO-IHE Institute for Water Education, Singapore Public Utilities Board (PUB), and the Asian Development Bank (ADB)

Location: Singapore WaterHub

Final Programme

June 22nd (Sunday)

Morning

Welcome and Introduction (15 minutes);
Harry Seah, Public Utilities Board (Singapore), and Gary Amy, UNESCO-IHE (Netherlands)

Integrated Management of the Urban Water Cycle: General Concepts;
Marko Ivetic (marko.ivetic@hikom.grf.bg.ac.yu), University of Belgrade (Serbia)

Managing the Urban Water Cycle in the City of the Future (the EU-SWITCH Project);
Kala Vairavamoorthy (k.vairavamoorthy@bham.ac.uk), UNESCO-IHE (Netherlands)

Urban Water Systems Modeling;
Wolfgang Rauch (wolfgang.rauch@uibk.ac.at), University of Innsbruck (Austria)

Integrated Urban Water Management: Planning, Economic and Financial Aspects;
Meine Pieter van Dijk (m.vandijk@unesco-ihe.org), UNESCO-IHE (Netherlands)

Afternoon

Alternative Water Source Development in Water-Stressed Urban Areas of Australia;
Mark Pascoe (m.pascoe@watercentre.org), International Water Centre (Australia)

The Future and Limits of Indirect Potable Reuse;
Joan Rose (rosejo@msu.edu), Michigan State University (USA)

A Semi-Closed Cycle for Indirect Potable Reuse: Case Study of Berlin;
Martin Jekel (martin.jekel@tu-berlin.de), Technical University of Berlin (Germany)

Role of Membranes in Exploiting Alternative Water Sources;
Harry Seah (Harry_SEAH@pub.gov.sg), Public Utilities Board (Singapore)

Closing and Concluding Remarks (15 minutes);
Harry Seah, Public Utilities Board (Singapore), and Gary Amy, UNESCO-IHE (Netherlands)

June 27th (Friday)

Morning

Summary of First Day (15 minutes)
Gary Amy, UNESCO-IHE (Netherlands)

Integrated Management of the Urban Water Cycle: The Singapore Experience;
Mun Fong Lee (LEE_Mun_Fong@pub.gov.sg), Public Utilities Board (Singapore)

Role of Natural Systems in Water/Wastewater Treatment within the Urban Water Cycle;
Gary Amy (g.amy@unesco-ihe.org), UNESCO-IHE (Netherlands)

New De-Centralized Approaches for Water Cycle Management;
Glen Daigger (Glen.Daigger@CH2M.com), CH2M-Hill (USA)

Integration of Models and Data for Urban Water Management in the City of the Future;
Zoran Vojinovic (z.vojnovic@unesco-ihe.org) and Arthur Mynett (a.mynett@unesco-ihe.org),
UNESCO-IHE (Netherlands)

Afternoon

Discussion: Take-Home Messages from the SIWW
(Facilitator to be announced)

Discussion: The Future of Integrated Management of the Urban Water Cycle
in Southeast/South Asia
(Facilitator to be announced)

Discussion: Research Needs and the Next Step Forward
(Facilitator: Gary Amy (UNESCO-IHE))