

Symposium 2010

Global problems, local solutions

Different views on water scarcity



Introduction

This year the topic of the symposium will be water scarcity in all its forms: both problems and solutions. The aim of this Symposium is to give, in the morning session, an overview of problems generated by water scarcity at different scales (World, Europe, Developing Countries) and how the scientific community is reacting to them. Then, in the afternoon session, separate workshops (two sessions) will take place in relation to solutions for specific issues. Different topics have been selected in the domains of Drinking Water, Water Resources and Wastewater.

We are glad to announce that professor Jules van Lier will be the chairman of the day for this symposium

Practical information:

When: Thursday May 20th 2010
9.30 – 17.00

Where: Faculty of Civil Engineering Room E, TU Delft

Prices:

€ 7.50	Student members Dispuut Watermanagement
€ 10.00	Other students
€ 35.00	Old members Dispuut Watermanagement and members of the Watermanagement department
€ 70.00	Externals

How to subscribe: Send an email to dispuut.watermanagement@ct.tudelft.nl

Water scarcity

Experts and media are talking about problems and solutions around water scarcity, but do you know what is water scarcity and what it concerns? What are the causes, consequences and possibilities to deal with it?

According to Cambridge Advanced Learner's Dictionary:

Water *noun* - a clear liquid, without colour or taste, which falls from the sky as rain and is necessary for animal and plant life.

Scarcity *noun* when something is not easy to find or get

Asking a researcher would probably add the following questions:

- When was the last time there was sufficient water with sufficient quality?
- During which periods is there enough water?
- What is the current quality of the water?

And asking an engineer would possibly add the following questions:

- What is the required quality for the water: waste water is not so scarce as drinking water
- What is the required quantity for the water: only drinking or complete irrigation?

As you can see, there are a lot of different aspects in water scarcity. On the other hand, a lot of people refer water scarcity to problems: problems on different levels, but problems that must be solved. So the symposium is a nice opportunity to get an overview, by well-known specialist, of all the different problems and possible ways to deal with them.

Preliminary day program

9:30 – 10:00	Introduction <i>Prof. dr. ir. J.B. van Lier (TU Delft)</i>
10:00 – 10:45	General problems on water scarcity on a global scale
10:45 – 11:00	Coffee break
11:00 – 11:45	General problems on water scarcity focused on Europe <i>Drs. A.E. Jansen (TNO)</i>
11:45 – 12:30	General problems on water scarcity focused on developing countries <i>G. Rundberg (World Waternet)</i>
12:30 - 13:30	Lunch
13:30 – 14:15	Workshops round 1: Drinking water: Drinking by the wind <i>C.A. Averink (Hatenboer – Water B.V.)</i> Wastewater: Productive use of sanitary flows: technological challenges in wastewater treatment and sanitation <i>Prof. dr. ir. J.B. van Lier (TU Delft)</i> Water Resources: Remote Sensing for Water Accounting of Closed River Basins <i>Prof. dr. ir. W. Bastiaanssen (Water Watch)</i>
14:15 – 14:30	Coffee + change
14:30 – 15:15	Workshops round 2: Drinking water: Removal of micro pollutants in Drinking Water Wastewater: Water Scarcity solutions in agriculture <i>Dr. ir. F. Huibers (WUR)</i> Water Resources: Effects for the Netherlands in case of long dry periods
15:15 – 15:30	Coffee + change
15:30 – 16:15	Final discussion
16:15	Drinks