



Den Haag/Airport (A4-E19)
 → Amsterdam → Ringweg/A10/RAI.
 Exit RAI/S109/S110

Amersfoort (A1-E231) → Amsterdam.
 Exit S110.

Utrecht (A2-E35) → Amsterdam.
 Exit S110.

Organising Committee

Roelof Kruize (chairman)	The Netherlands
Gertjan Zwolsman (secretary)	The Netherlands
Mark Beuhler	Amerika
Leonie Bolwidt	The Netherlands
Antonio Diaz Munoz	Spain
Jan Peter van der Hoek	The Netherlands
Bart van der Hurk	The Netherlands
Pavel Kabat	The Netherlands
Pradeep Mujumdar	India
Daniel A. Nolasco	Canada
Hideki Sawa	Japan
Henk van Schaik	The Netherlands
Kale Vairavamaarthy	UK

Risks of climate change to water management and utilities – from impact analysis to adaptation

Seminar

5 October 2007

Amsterdam, the Netherlands

Venue

Mercure Hotel Amsterdam Aan de Amstel
 Joan Muyskenweg 10
 1096 CJ Amsterdam
 Tel: +31 (20) 6658181 Fax: +31 (20) 6948735
 www.mercure.com

Visa

Delegates should check if they require visa for entry to the Netherlands.
 If any delegate experiences difficulty obtaining a visa please contact the Conference Secretariat.

Climate

The Netherlands has a maritime climate. In October the average daily temperature is 15 degrees Celsius and generally it is mild. A raincoat or umbrella is advisable.

Conference language

The official conference language is English. Therefore, all papers will be written and presented in English. There will be no translation facilities.

Insurance

Participants are advised to check whether they are insured during their stay in the Netherlands. Although good care will be taken of the participants, the organisers cannot be held responsible for any loss, damage or personal harm.

Other information

Information about the conference can be obtained from:
 Conference Secretariat Moorga
 Buerweg 51, 1861 CH Bergen, the Netherlands
 Tel: +31 (72) 5899062
 E-mail: info@moorga.com
 Internet: www.moorga.com

All information about the Mercure Hotel Amsterdam Aan de Amstel can be obtained from:
 Mercure Hotel Amsterdam Aan de Amstel
 Joan Muyskenweg 10,
 1096 CJ Amsterdam, the Netherlands
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All information about hotel reservation can be obtained from:
 RAI Hotel & Travel service
 P.O. Box 77777, 1070 MS Amsterdam, the Netherlands
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Organised by the IWA Specialist Group on Climate Change and Adaptation of the International Water Association (IWA) in co-operation with the Netherlands Association on Water Management (NVA) and the KVWN.

From 1 to 4 October 2007, the Board of IWA convenes in Amsterdam for their annual meeting. The Board meeting will be followed by a seminar on Water and Climate, organised by the recently formed IWA Specialist Group on Water and Climate. All Board members and members of the Specialist Group are invited to attend this one-day seminar on the 5th of October, as well as NVA/KVWN members and other interested individuals.

For members of the Specialist Group the seminar is an opportunity to meet the IWA Board members from more than 50 countries. And for Board members it is an opportunity to get acquainted with and contribute to the agenda and activities of the Specialist Group.

The mission of the Specialist Group on Climate change and adaptation is to inform the members of IWA – water utility managers and water resources managers – about the outcomes of relevant research and the availability of operational tools in the field of climate variability and change. The focus will be on coping mechanisms in policy and strategy development as well as in operations.

Managing water resources under changing hydrological conditions poses a new challenge to water professionals. The assessment reports of the Intergovernmental Panel on Climate Change indicate that global warming has already affected hydrological and biological systems. Obvious impacts are an increased risk of flooding, increased intensity of extreme weather events and decreased water availability in many water-scarce regions. These impacts will directly or indirectly affect both water resources and water supplies.

IWA has an active interest in Water and Climate. Recent events included the IWA conferences on climate change in Amsterdam (September 2004, 2006) and a special session during the IWA World Congress in Beijing (September 2006). These meetings addressed a wide ranging agenda of climate related issues for utilities, governments and water boards including:

1. **The impact of climate change on water resources (quantity and quality)**
2. **Vulnerability assessments of utilities to changes in climate**
3. **Example of coping mechanisms and adaptive strategies**

Based on the IWA conferences and a survey among the Specialist Group's members the management committee of the Specialist Group has drafted a Position Paper for Water and Climate.

The seminar will offer an attractive mix of presentations by water and climate specialists. Also the draft Position Paper will be presented. There will be ample time to discuss the draft and follow-up activities.

The seminar will thus be the first event of this new and much needed Specialist Group.



Programme

09.00 – 09.30	Registration
09.30 – 09.45	Welcome and opening address by Roelof Kruize, chairman of the IWA specialist group of Climate Change and Adaptation and CEO of Waternet, the Netherlands
Chairman session 1: Roelof Kruize, The Netherlands	
09.45 – 10.15	Bart van den Hurk, Royal Dutch Meteorological Institute, the Netherlands Projected Changes in the climate system affecting the regional water cycle.
10.15 – 10.45	Pavel Kabat, Wageningen University and Research, the Netherlands Costs and Benefits of adaptation.
10.45 – 11.15	Paul Reiter, director of IWA, UK Climate Change; a plea for portfolio management.
11.15 – 11.45	Coffee and tea break
Chairman session 2: Henk van Schaik, The Netherlands	
11.45 – 12.15	Casey Brown, International Research Institute on Climate and Society, USA The use of seasonal forecasting for water allocations.
12.15 – 12.45	William Keene, Environmental Compliance Manager, Sonoma County Water Agency, USA Looking through a Carbon Lense - A Regional Water Utility's Approach to Addressing Climate Change.
12.45 – 13.45	Lunch
Chairman session 3: Jan Peter van der Hoek, The Netherlands	
13.45 – 14.45	Presentation of the draft Position Paper by the authors Discussion of the Position Paper
14.45 – 15.15	David Garman, president of IWA, Australia Coping with climate change in Australian Water resources management and utilities.
15.15 – 15.45	Coffee and tea break
Chairman session 4: Gertjan Zwolsman, The Netherlands	
15.45 – 16.15	Frans Berkhout, Vrije Universiteit, Amsterdam Adaptive responses to climate change in the water industry
16.15 – 16.45	Steve Gilham, Umgeni Water, South Africa Climate, a corporate risk for the Umgeni water supply company.
16.45 – 17.00	Conclusions by the Specialist Group
17.00 – 17.30	Drinks

Surprising Amsterdam

Amsterdam is the largest and capital city of the Netherlands, situated alongside the river Amstel. The heart of the old city has beaten since 1275, but three centuries went by before the citizens of Amsterdam could claim to be the most prosperous of Europe. During the 17th century, the Golden Age, the famous canal system was dug around the mediaeval city walls. Among the banks of the three main canals, merchants built richly decorated houses to flaunt their wealth. More than 7,000 historical houses and buildings have been converted. By now, this creates a fascinating contrast between the old and the new. Within this modern cosmopolitan centre you will find the Royal Palace on the Dam, the West Tower and many old churches. Amsterdam is often called the gateway to Europe, not only because it is an important commercial and industrial centre at the border of the North Sea, but also because of its rich social and cultural life. Amsterdam is a melting pot of nationalities.

Things to do and see in Amsterdam

A canal trip is the best way to see the most characteristic parts of Amsterdam. In October the canals are illuminated with thousands of lights. In the Rijksmuseum, the Van Gogh Museum, the Amsterdam Historical Museum or the Municipal museum you will find a great collection of classic, historical and modern art. The house where Rembrandt lived and worked, the Rembrandt House Museum, is open to visitors.

Registration

The conference fee is € 200,- for IWA members and € 250,- for non-IWA members. You can register at www.moorga.com. After your registration has been received an invoice will be sent to you. All remittances should be made in Euro's (as a guide to delegates the current exchange rate of Euro 1,- = US \$ 1,33)

Hotel reservations

Hotel accommodation can be reserved at the special reduced rates. After receipt of your hotel reservation form and a deposit of/credit card guarantee, a hotel-voucher will be sent to you.

You can request a hotel reservation form at Hotelservice@rai.nl

