

Johan Oost

Organiser, networker and trainer in the water sector

oosterschelde@hotmail.com

Samenvatting

Johan Oost works as Project Officer for the World Water Academy and he is the manager of the Wetskills Water Challenges program. As board member of Young - Royal Netherlands Water Network (the network for young professionals in the Dutch water sector) he is in charge for the organisation of the YWP program of the International Water Week in Amsterdam (November 2013) including a bridging the generation gap conference and the Wetskills Water Challenge. Since July 2013 he is also freelancer under the name of H2Oost.

Johan's background is water and flood risk management, combined with expertise at water education and capacity building in the water sector. He studied Water Engineering & Management at the Twente University and he did a minor about sustainable development in a north-south perspective, partly at the Wuhan University in China. After working at the Dutch consultants HKV and DHV, Johan is involved capacity development & training and water students & young professionals exchange projects in the water sector. He organized several events about the inflow of talented professionals and the intergeneration cooperation. Besides The Netherlands, he worked in countries as Romania, South Africa, China, Indonesia, Oman and Mozambique.

Passion for his work is expressed when Johan works at water challenges worldwide to come to tailored solutions in cooperation with other people. "Water challenges are mainly technical solutions that have to be in harmony with the cultural historic and social economic context. Wetskills is a perfect example; the mixed teams of international participants comes to concrete and out-of-the-box concepts with should be tailored on a specific area. Teambuilding is essential to come to a good result and it generates a lot of energy"

Specialismen

Water Management; Multi-layer flood risk; Capacity building in water sector; Water education & training

Ervaring

Manager bij Wetskills Foundation

September 2015 - Present (9 months)

Wetskills Foundation organizes events where Young Professionals and students from the water industry and/or with a passion for water in an international context meet, cooperate and come to out-of-the-box concepts for water challenges. These so-called Wetskills Water Challenges runs since 2010 and events are organized around the globe.

In September 2015, Wetskills became a self-supportive foundation.

Besides Wetskills Water Challenges, Wetskills Foundation organizes follow-up activities under the name of WetsNext. Wetskills is a link between international universities and the water industry.

Owner bij H2Oost

July 2013 - Present (2 years 11 months)

Freelance company (for 2,5 to 3 days in the week).

In this time I execute some project, mainly based on the activities of the Wetskills program and the Romania country platform of Netherlands Water Partnership.

Advisor Romania bij Netherlands Water Partnership

July 2013 - Present (2 years 11 months)

Project Manager World Water Academy bij Wateropleidingen

November 2010 - Present (5 years 7 months)

Wateropleidingen offers tailor-made, inspiring and practical training programmes for the global water sector with a focus on various levels.

Programme manager Wetskills Water Challenges bij Wetskills

September 2009 - September 2015 (6 years 1 month)

Wetskills Water Challenge is a two-weeks program where international Water students and Young Professionals work together on water challenges from the work field in mixed teams. Wetskills events were held in ten different countries all over the World: China, Morocco, The Netherlands (2x), Indonesia, Oman, South Africa, Egypt, Romania, Moçambique and Israel.

Core Team bij Dutch Delta Design 2012

September 2009 - November 2010 (1 year 3 months)

DHV, partner of Dutch Delta Design 2012 gave me time to work for DDD 2012. I was responsible for the issues around young people/students/young professionals in the DDD2012 programme.

Hydraulic and Coastal Engineer bij DHV

April 2009 - October 2010 (1 year 7 months)

Advising in the matters of hydraulics and hydrodynamics. Expertise in the field of flood safety management, including hydraulics, breach and overland flow modeling and damage & casualties assessment.

Consultant bij HKV Consultants

May 2007 - March 2009 (1 year 11 months)

The company is specialised in water management for the water safety (e.g. determination of flood chances/risks, 1D2D modelling, disaster management).

Cursussen

Master, Civil Engineering

Wuhan University

Internship about Three Gorges Project in the Yangtze River Basin

Projecten

Centre of Expertise course waste water treatment

maart 2012 tot Huidig

Members:Johan Oost, Agnes Maenhout, leo meijer (Evides), Claudia Peters (Wateropleidingen), Teddy Gounden (EWS), Mohammed Moodliar (EWS), Jeroen Bosboom, Simon Scruto (EWS), Kees De Korte

A very practical training for operators grade 10 is designed, developed and delivered in Durban for the Centre of Expertise. Water professionals from Ethekwini Water & Sanitation are trained to become trainer for their peers

Wetskills Water Challenges program

december 2009 tot Huidig

Members:Johan Oost, Rick (T.H.) Heikoop, Janneke Diels, Janneke Duiven - Wiegersma

The Wetskills Water Challenge is a two-week event for students from all over the world. The Challenges are organized during formal water sector related events where the Dutch water sector show itself. The participating students develop their own innovative and creative concepts for broad water issues in a changing world, sponsored by organizations within the water sector. In multidisciplinary and intercultural groups, the students gain more in-depth knowledge on the challenge topic by workshops of renowned water experts and field trips. Moreover there will be attention for development of presentation skills and collaboration in intercultural and multidisciplinary groups.

The Wetskills Water Challenges program has organized seven Challenges since 2010! Wetskills Water Challenges were held during the World Expo 2010 in China, the 400-year economic relations in Morocco (2010), the International Water Week in The Netherlands (2011), the Delta Summit in Indonesia (2011), the Royal visit of the Dutch Queen in Oman (2012), the WISA conference in South Africa (2012) and the bilateral meeting of Egyptian and Dutch experts in Egypt (2012). 150 students from more than ten Dutch water-related universities and universities of applied sciences and more than 25 foreign universities participated in one of the seven Wetskills Water Challenges. Next Wetskills Water Challenges are planned in 2013: Romania in June, Mozambique in August and The Netherlands in October/November.

Wetskills-Romania 2013

februari 2013 tot juni 2013

Members:Johan Oost, Janneke Diels, Dennis van Peppen, Violeta Cozianu, Elena Manea

The eighth Wetskills Water Challenge will be held in Romania. Twenty students from Dutch and Romanian universities will be selected and put in five groups of four students. Each group has one specific water

issues. The issues are formulated by organizations of the Dutch water sector with projects or interests in the Romanian water sector. The students work on a their concept in collaboration within their group during an extensive two-week program in Romania (29th May – 12th June).

Expo-Apa Bucharest 2013

The groups present the case during a presentation event at the Expo Apa 2013 in Bucharest (10-12 June). The final product needs to be presented through an inspiring poster and a catching elevator pitch. Firstly the pitches (with Q&A) will be given by the groups in front of the public and a n international oriented jury. They will focus on the following criteria: creativity, feasibility, social & environmental aspects, exportability and Pitch & Poster presentation. The posters will be presented through a poster market. Based on the public opinion and its own view, the jury will decide the winning groups. It is planned that the winning group will be announced through an central awarding ceremony at the Expo Apa.

Wetskills-South Africa 2012

februari 2012 tot Huidig

Members:Johan Oost, Janneke Diels, Anjelica Cicilia, Harold Hoiting

On the occasion of the biannual water conference of the Water Institute of South Africa (WISA) the Wetskills Challenge took place in Cape Town, South Africa in May 2012. For two weeks students from all parts of the world joined the Water Challenge:

"Each teams was assigned to a specific project that was provided and sponsored by Dutch water sector organizations. The topics that were addressed ranged from water retention functions, to large scale water sanitation ideas, technical solutions to reduce the water spilling, energy from wastewater and re-use of effluent water for agricultural purposes."

Wetskills-Israel 2013

september 2013 tot december 2013

Members:Johan Oost, Janneke Diels

Students will work in mixed and multidisciplinary teams of four to develop concepts to case studies, provided by the water sector during an extensive two-week program at GWRI, Technion-IIT in Haifa, Israel (26th Nov–10th Dec).

The program will start with a team building trip of 2-3 days, in order to get familiar with each other and will be followed by field trips to water-related and cultural sites later. An intensive period will follow, that will combine work on the assigned case study. Dutch and Israeli supervisors will guide you during the week and facilitate your group to find your own solution. Finally, the groups will present their case studies during a central presentation event at the Water event of the Wittenburg Council in Israel (8th December). This water seminar was held during the official visit of the Dutch government delegation to Israel, headed by Dutch Prime Minister Rutte, who was accompanied by Dutch ministers Timmermans and Ploumen. The awarding was held by Mr. Bernard Wientjes (President of the Confederation of Netherlands Industry and Employers (VNO-NCW)).

Romanian Netherlands Water Platform (RNWP)

juni 2014 tot Huidig

Members:Johan Oost, Bianca Pricope, Ciprian Nanu, Ioana Dobrescu

Romanian Coordination for RNWP Activities & Projects. Water financing & local support activities.

Clustering Romanian & Dutch companies for international projects.

Wetskills Water Challenge - South Africa 2014

mei 2014 tot juni 2014

Members:Johan Oost, Anne de Nijs, Janneke Diels, Marga Oosterveld, Nakampe Modike, Erin Parenzee

(Pr.Sci.Nat), Maarten van der Meer, Sihle Magaga, Nina Jansen, Rick Hogeboom, Hendrik Everts, Frank

Meins, Agnes Maenhout, Gaopalelwe Meraba

<https://www.youtube.com/watch?v=77UxqNzEx-4&feature=youtu.be>

Vaardigheden en deskundigheid

Water Management

Civil Engineering

Capacity Building

water education

Sustainable Development

Team Building

Training & Development

Water

Wastewater Treatment

Water Resources

Employee Training

Organizational Leadership

Flood Control

Water Supply

Water Quality

Hydrology

Flood

Climate Change

Environmental Awareness

Dutch

Sustainability

Talen

English

(Full professional proficiency)

Dutch

(Native or bilingual proficiency)

German

(Professional working proficiency)

Chinese (Mandarin)

(Elementary proficiency)

Publicaties

Schadereductie door compartimentering in een dijkkringgebied

H2O, 16: 44-47 2007

Authors: Johan Oost, Arjen Hoekstra

Compartmentalization of dike ring areas is currently seen as one of the promising options for managing or reducing the risk of flooding. Recently, several studies on the effectiveness of subdividing dike ring areas by means of compartmentalization dikes were published. These studies show that the total damage after a flood could indeed be smaller, but that the damage could also turn out to be larger on a local level. The available studies on compartmentalization usually consider only one dike pattern in the area concerned. This article develops, assesses and compares three fundamentally different strategies, based on different configurations of the compartmentalization dikes. Not only do we examine the effects of the most probable flood scenarios, we also look at the worst-case scenario, whereby the water is able to flood into the dike ring area from all sides. The spatial layout of the area codetermines the effectiveness of each strategy. Dike ring area 14, which lies in the west of the Netherlands and that covers some cities, like Amsterdam, Rotterdam and The Hague, was chosen as the area of application. The results show that for this dike ring, the secondary dike strategy is most effective in reducing the number of expected victims under different flood scenarios.

Flood damage reduction by compartmentalization of an area: Comparing the effectiveness of three strategies

Journal of Flood Risk Management 2007

Authors: Johan Oost, Arjen Hoekstra

Verkennd marktonderzoek naar de potentie van het aantrekken van internationale studenten voor Nederlandse watergerelateerde studies

WaterForum Online January 20, 2010

Authors: Johan Oost, Sander Janssens

Comparison on Flood Safety Standards between China and the Netherlands [in Chinese]

Chinese Consulting Engineers Magazine October 2010

Authors: Johan Oost, caijun wang

In this article my good friend Wang and I handle the flood safety standards of China and the Netherlands.

After lots of deliberations since our meeting in 2004, we discussed several times about the flood risk situation of our countries. This resulted in this Chinese publication in which we describe the past and current the flood risk management in both countries. We compare the flood safety standards more into detail.

Wetskills, voorbeeld van gezamenlijke internationale profilering van Nederlandse wateropleidingen

H2O, 20: 14-15 October 14, 2011

Authors: Johan Oost, Rick (T.H.) Heikoop

Training vakmensen in Roemenië

H2O, 20: 20-21 October 14, 2011

Authors: Johan Oost, Claudia Peters, Job Udo, Susanne Groot, Fred Havinga, Jakolien Leenders, Dirk van Haaren

Where water and didactics meet – capacity building in the SA WATSAN sector

W&S Africa JAN/FEB January 2012

Authors: Johan Oost, Agnes Maenhout

In this article, we highlight the challenges and importance of this capacity building.

Opleiding(en)

Universiteit Twente

Ingenieur (MSc), Civil Engineering, 2000 - 2007

Activiteiten en verenigingen: Chairman student volleyball club, training and coaching volleyball teams, different committees from the volleyball club and the Sportraad (agency that represents all sporters at the Twente University)

Wuhan University

Master, Civil Engineering, 2004 - 2004

Activiteiten en verenigingen: Intern, Three Gorges Project, Research, Intercultural experiences, Country visit, basic Chinese

Thomas a Kempiscollege - Gymnasium

Secondary school, Diploma, 1994 - 2000

Activiteiten en verenigingen: Dutch, Latin, English, German, Physics, Chemistry, Maths (B) & Economics

De Bron - Basisschool

Primary school, -, 1985 - 1994

Interesses

Playing volleyball, water sector, coaching teams/individuals, travelling, skiing, history, China, Europe

Organisaties

Koninklijk Waternetwerk

Core team Young Water Professionals program Amsterdam International Waterweek

July 2010 to Present

Diploma's

Trainer Water sector

Wateropleidingen

Johan Oost

Organiser, networker and trainer in the water sector

oosterschelde@hotmail.com



[Maak contact met Johan Oost op LinkedIn](#)