

Rick Pieter Kool (Rick)

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Education:

2011-2016 HZ University of Applied Sciences
Bachelor Civil Engineering

2005-2011 Scholengemeenschap St. Ursula Horn

- 2005-2008 VWO
- 2008-2011 HAVO

Work experience:

December 2016 – Present Project Preparation at Waterschap Scheldestromen – Middelburg

In order to bridge my Bachelor to my Masters I started working at the Water Board Scheldestromen, which is a centuries old Dutch governmental institution aimed at providing and maintaining safety in the field of coastal and inland water protection. The work mainly involves project preparations in the early design stages of a project. The focus is on maintenance work in water related projects.

February 2016 – June 2016 Graduation Intern at Royal Haskoning DHV - Jakarta

"Enhancing Coastal Protection at Future Reclamation Projects in Jakarta Bay with Building with Nature Techniques and Ecological Alternatives" A collaboration between HZ University, ITS Surabaya, Nuffic Neso living labs and Royal Haskoning DHV. The aim was to find suitable alternatives to the current land reclamation designs using Building with Nature techniques.

February 2015 – July 2015 Research Internship in Vietnam

"Improving safety, ecology and profits in Soc Trang by using different strategies of coastal protection"- Starting out as a collaboration between Can Tho and HZ University of Applied Sciences the research aim was to develop a sustainable flood design for the Soc Trang province. The challenge was to get support, data and feedback in a new environment at different governmental levels while acclimatizing in an immersive and rich culture. After 5 months the results were presented to the local agricultural department as a sustainable alternative to the current plans ultimately aiming at being beneficiary for the region.

September 2014 – February 2015 at Royal Boskalis N.V.

Working with a team to prepare an innovative sanitation project of the Canal through Walcheren in Middelburg. This involves removing copper pollution while dealing with difficult circumstances. This requires innovative approaches and project specific designs to successfully remove the pollution.

February – July 2014 Intern at Royal Boskalis N.V.

As an intern for Boskalis I worked at three different locations

Main office Rotterdam

-Preparing tenders for diverse projects

BAS dike reinforcement

-Project guidance and preparation

Sanitation of the Canal through Walcheren

-Project planning and preparation



Winter 2013 - Zeeweringen Wiki Projectbureau Zeeweringen

The HZ University of Applied Sciences is cooperating with Projectbureau Zeeweringen and Rijkswaterstaat to make an Online Wiki of all the improvements in Coastal defense that have been implemented during projects in the last fifteen years in the Southwest Delta (Zeeland).

Pre-season 2013 - Surf instructor at Tabo Surf, Lago di Como, Italy

Providing Surf lessons for all ages in Dutch, German and English. Very challenging lessons that required a flexible work attitude. This was because the groups fluctuated from 2 up to 20 students ranging from beginner to advanced.

2011 – Present Surf instructor at Thijs Surfschool

Providing lessons for both beginner and advanced (private) lessons in Dutch, German and English. The students are of all ages (from 7 years old).

Groups consists of two up to six students.

Summer - 2010 Sail and Surf instructor at Zeilschool het Uitgeestermeer

Providing Sail and Surf weeks for children age 10-15. The aim of these weeks was to teach the children surfing and/or sailing in a week. The most important aspect was to let the children have fun while sporting.

Before summer 2010

Working at supermarket and as a gardener

Extracurricular activities

Completed Vol VCA (Building site safety exam for building site management)

Participated in the Boskalis innovation Challenge

Presentation and Publication A.P. Hydro 2016

My Study colleague and I were asked by our professor at Can Tho University to present our Soc Trang research at the A.P. Hydro Conference in Vietnam. Our research was published via the *publishing house for science and technology*. We also received the second place in the *Best Young Scientist Paper award*, organized by the committee of the A.P. Hydro 2016.

Computer programs

A list of programs in which I attained experience in during my study:

Arc GIS

Autodesk Autocad

Autodesk Autocad Civil 3d

D-sheet piling

Microsoft Office

Microsoft Project

Plaxis (2d)

Sobek Hydraulics

Sketchup

Technosoft

Interests**Sports**

Swimming (also competition)

Judo

Ice speed skating (also competition)

(Wind) Surfing

Fitness

Hobbies

Guitar