

LET'S TALK RESILIENCE!



AUSTRALIA - NETHERLANDS WATER CHALLENGE 2015

TRAINEESHIP PROGRAM

18 October – 7 November 2015, the Netherlands

Dear Tracey, Ashlee, Tom and Ray,

On behalf of all participating organisations from Australia and the Netherlands, it is a great pleasure to present your traineeship program.

The coming three weeks will offer you a rich mix of activities and experiences that give you access to the very best the Dutch water sector has to offer: meetings with top experts from academia, private sector and government, company visits, field trips, social activities and... *participation in the Young Professionals program of the Amsterdam International Water Week!*

We look forward to the project work you will be doing with Deltares, Waternet and Royal HaskoningDHV on your Resilience Index and Coastal Engage concepts and sharing your insights and findings with us. We believe there is great potential for Australia and the Netherlands to work together and you are our first ambassadors!

I wish you every success and an unforgettable time in the Netherlands!

Gregor van Essen
Organiser, Australia-Netherlands Water Challenge

PS. Check-out this video about your exciting journey so far: www.youtube.com/watch?v=dOjkRvDsxWo

The Australia-Netherlands Water Challenge is proudly supported by:



Program Highlights

A detailed day-to-day program is available in our BlueSpring community group (<https://www.mybluespring.com/groups/viewgroup/168-traineeship-program-2015.html>)

PROJECT ASSIGNMENT



Team: Tracey Lloyd and Tom Perfrement, University of New South Wales



Title: Enhancing Resilience via a Composite Disaster Resilience Index; Case Study Comparison of Amsterdam & Brisbane

This project aims to assess and quantify resilience to natural hazards in communities across the City of Amsterdam and City of Brisbane via a composite disaster resilience index. Via the numerical analysis of resilience across the domains of the economic, built environment, social and natural environment categories, this project seeks to highlight variance and identify vulnerabilities across communities in these two cities. The identification of comparative resilience levels is intended to drive relevant policy actions and may assist Waternet in identifying priority areas across Amsterdam. Further, a resilience comparison study of Amsterdam and Brisbane using the results of the index is intended. It is hoped that this comparison will identify relative strengths, weaknesses, similarities and differences between these two global cities.

Waternet and Royal HaskoningDHV are supporting the team with this project. Tom and Tracey will have their home base at the offices of Waternet in Amsterdam and Royal HaskoningDHV in Rotterdam during the first two weeks of the program.

Main contacts

- Peter Jansen, Waternet
- Bart-Jan van der Spek, Royal HaskoningDHV
- Paul Hart, Royal HaskoningDHV (Australia)



PROJECT ASSIGNMENT



Team: Ashlee Clarke and Ray Laine, graduates of the University of Wollongong



Title: CoastalEngage: Decision support aiding informed civic participation in coastal management

With coastal management best practice rightly emphasising the need for a collaborative, transparent and inclusive approach to improve community resilience, we propose the innovative idea of developing a Coastal Engagement Decision Support System (CEDSS). A CEDSS will be a smart user-friendly online tool that allows citizens to explore various coastal management options, learn about the options advantages and disadvantages, build networks and provide informed recommendations/submissions to government. In doing so, It is envisaged a CEDSS will aid decision makers and empower communities to make more balanced collective resilient coastal management decisions.

The CoastalEngage project is supported by Deltares. Ray and Ashlee will work from Deltares' offices in Delft during the first two weeks of the program.

Main contacts

- Simone De Kleermaeker, Deltares
- Lydia Cumiskey, Deltares
- Simone van Schijndel, Deltares



RESEARCH & EDUCATION



Delft University of Technology and UNESCO-IHE are international powerhouses of education and research in many water-related disciplines, including water resources management, hydrology, coastal engineering, ports & waterways, offshore engineering, sanitary engineering, etc. The Delft University of Technology faculty of Civil Engineering was recently ranked second in the QS World University Rankings (2014).

A program has been set-up for the teams to get to know both institutes, including meetings with key faculty, a tour of the TUD water lab and a meet & greet with students.

Main contacts

- Professor Bas Jonkman, TU Delft
- Gerben Jan Vos, TU Delft
- Professor Chris Zevenbergen, UNESCO-IHE
- Dr. Kim Anema, UNESCO-IHE

GETTING TO KNOW THE DUTCH WATER SECTOR



Several company visits and expert meetings are organised to give the teams a good insight into the work of the Dutch water sector, both as it relates to their activities in the Netherlands and abroad.

Ministry of Infrastructure & the Environment



Ministry of Infrastructure and the Environment

Both teams will be presenting their projects during a lunch seminar at the Dutch Ministry of Infrastructure and the Environment on Monday 2 November. The seminar will be attended by staff of the Ministry as well as representatives from several companies and organisations involved with the cooperation with Australia.

Meet & Greet with Australian Ambassador Dr Brett Mason



Australian Government



His Excellency the Ambassador of Australia to the Netherlands, Dr. Brett Mason, will meet the teams to learn about their projects and hear about their experiences in the Netherlands.

The Ambassador is member of the Board of Recommendation of the Australia-Netherlands Water Challenge.

Field Trips – Dutch Water Works



During their stay, the teams will be making several field trips to discover first-hand how the Dutch “live with water”.

Amsterdam International Water Week



Starting 1st November, the teams will be participating in the Young Professionals program of the Amsterdam International Water Week, comprising of an exciting line-up of conferences, workshops, events and challenges.

The AIWW offers young water professionals an opportunity to exchange knowledge with international colleagues, to learn from each other and to extend their network. Because the programme is integrated with the regular AIWW programme, participants will meet with other (young) professionals from the broad water sector, offering them a great chance to voice their ideas on an international stage.

Website: <http://www.young-iww.com/>

Organisation

The Australia-Netherlands Water Challenge is organised under the umbrella of the Holland Water Challenge, commissioned by the Netherlands Enterprise Agency (RVO) on behalf of the Partners for International Business (PIB) consortium Water Australia.

Contact

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