

1. Higher Education Degrees

2005 MSc. Civil Engineering, Delft University of Technology, Delft, The Netherlands, specialisation Hydraulic and Geotechnical engineering

2. Doctoral Degree

2009 PhD Delft University of Technology, Delft, The Netherlands, Thesis: "On the Modelling of Pile installation", supervisor Prof. A.F. Van Tol

3. Post-doctoral positions

- Marie Curie Fellowship, Norwegian Geotechnical Institute, Norway, June 2012-August 2012
- Visiting Academic, University of Strathclyde, Glasgow, UK, April 2011-June 2011
- Post-Doc, Delft University of Technology, Delft, the Netherlands, July 2009- February 2011
 - Visiting Academic, Centre for Offshore Foundation Systems (COFS) at the University of Western Australia (UWA), Perth, Australia, January 2010 – March 2010 & November 2010

4. Docent

May 1st, 2013.

5. Specialist certification

not applicable

6. Current Position

Chalmers University of Technology, Associate Professor in Geotechnical Engineering Gothenburg, Sweden, approximately 75% time for research

7. Previous employment (since graduation only)

- **Delft University of Technology**, Assistant Professor (2011-2013), Delft, NL
- **Delft University of Technology**, Post Doc (2009-2011), Delft, NL
- **Delft University of Technology**, PhD Researcher (2005-2009), Delft, NL

8a. Persons who have completed their doctoral degrees with the applicant as the first supervisor

- not applicable

8b. Persons who have completed their doctoral degrees with the applicant as the co-supervisor

- my first PhD student will have his defence in September 2014 (TU Delft)

9. Mentorship of post-doctoral fellows

- Jean-Philippe Gras (Marie-Curie Fellow)

10a. Recognitions/awards

- I received CUM LAUDE for my PhD, this corresponds to distinction, awarded typically only to 5% of all PhD defendants at TU Delft.

10b. Major Grants and Projects awarded:

- On the fundamental relations between soil creep and cyclic pile-soil response, PI: Prof. Karstunen, TRV 2014/22553, 2200tkr (ca. €246k)

CV of Dr Jelke Dijkstra (May 2014)

- Effect of sample quality for deformation analyses in road construction on soft soils, Trafikverket, TRV 2014/22936, 530tkr (ca. €60k)
- On electrokinetic material response in marine clays. Marie Curie IEF 2014-2016, EC/FP7-PIEF-GA-2013-623613, €200k (awarded with score of 99.4 out of 100)
- Geothermal foundations in soft clays, 2014-2016, co-applicant, PI: Prof Karstunen, FORMAS 243-2013-771, SEK 4911tkr (ca. €550k)
- Monitoring systems to Assess Geotechnical Infrastructure subjected to Climatic hazards (MAGIC), Marie Curie IAPP 2013-2017, EC/FP7 PIAP-GA-2012-324426, €272K of total €1.85M
- Prorail (industry grant), granted July 2012 (250 k€), 'Predicting the impact of mechanical loading on archaeological sites by line infrastructure' (coordinator Dr Ngan-Tillard TU Delft, in collaboration with Dr Rohe of Deltares)
- 3 IPA research grant in the years 2007-2012 (\$20k): Experimental and numerical research into pressed-in piles (in collaboration with Prof. van Tol)
- Several industry projects in the years 2007 – 2011 (200 k€) for big clients such as Shell and Sellafield Ltd on experimental testing and physical modelling in collaboration with co-workers at TU-Delft.

10c. Special external commissions:

- **Member of TC104** (Physical Modelling in Geotechnics) of ISSMGE (International Society for Soil Mechanics and Geotechnical Engineering), 2010-
- **Member of TC105** (Geo-Mechanics from Micro to Macro) of ISSMGE (International Society for Soil Mechanics and Geotechnical Engineering), 2010-
- Committee member on the **Dutch CUR standardization** committee on sampling disturbance (2012 – 2013)
- Committee member on the **Dutch CUR standardization** committee on axial loaded piles (2005 – 2006)

10d. Experience in communicating results with stake-holders/end users

I. Course / Conference organisation (since 2008 only):

- Review Editor and Session chair of the Similitude and scaling/Education 1 session of the 8th International conference on physical modelling in geotechnics, 14-17 January 2014, Perth, Australia
- Organisation of Final international GEO-INSTALL Conference, 24-27 March 2013, R'dam, NL
- Organisation of European EUROFUGE Conference 23 & 24 April 2012 Delft, NL
- Session chair of the geotechnical session of 30th International Conference on Ocean, Offshore and Arctic Engineering (OMAE 2011), from June 19th - 24th 2011, Rotterdam The Netherlands. <http://www.asmeconferences.org/omae2011/>

II. Invited talks in events focussing on end users:

- Deltares Academy State-of-the-art design of pile foundations (course leader, Prof. Randolph, UWA), 21 June 2010: "Pile Installation"
- Invited speaker at Plaxis User Forum, 2006: "Numerical modelling of pile foundations"

III. Industrial advisory roles

- November 2011: Strategic advisor for long term strategy of Deltares on experimental testing