

# Jan Jaap Meijer

## Curriculum Vitae

+31 6 417 09 565  
✉ [janjaapmeijer@gmail.com](mailto:janjaapmeijer@gmail.com)  
in [janjaapmeijer](#)  
🌐 [janjaapmeijer](#)  
📧 [meijerjanjaap](#)



*A flexible and motivated researcher seeking a position in (observational) physical oceanography, which will utilise the communication and numeracy skills developed during his studies as well as working experience (abroad) in companies and research institutes. During my degree I successfully combined my studies with internships and part time jobs, journeys and other commitments showing myself to be self-motivated, organised and being able to work with others. I have a clear, open mind with a practical approach to problem solving driven by societal and environmental innovation for sustainability. In conclusion, I would describe myself as an enthusiastic, hardworking, eager to learn and reliable person who has a passion for waves and seas.*

---

### Personal Data

Date of birth 3 March 1986  
Place of birth Winterswijk, the Netherlands  
Nationality Dutch

---

### Education

- 2011 – 2014 **Master of Science in Meteorology, Physical Oceanography and Climate**, UTRECHT UNIVERSITY, the Netherlands.  
Primary electives: Geophysical Fluid Dynamics, Ocean Waves and Physics of Coastal Systems  
Secondary elective: Ice and Climate
- 2012 **Visiting student at the department of (Physical) Oceanography**, ROYAL NETHERLANDS INSTITUTE FOR SEA RESEARCH (NIOZ), Texel, the Netherlands.  
Secondary elective: multidisciplinary oceanography course (Sea-going course)  
Project: Making, analysing and interpreting observations, "Temperature profiles along the Southern Boundary of the North Sea - measurements by seals".
- 2012 **Visiting student at the department of Coastal Engineering**, DELFT UNIVERSITY OF TECHNOLOGY, the Netherlands.  
Secondary electives: Coastal Dynamics, Coastal Zone Management and Waterpower Engineering
- 2011 **Summer school in Physics of the Climate System**, UTRECHT UNIVERSITY, the Netherlands.
- 2004 – 2011 **Bachelor of Engineering in Aeronautical Engineering**, INHOLLAND UNIVERSITY, Delft, the Netherlands.  
Major: Technical Engineering  
Minor: Lightweight structures design and Aerospace Technology

---

## Masters Thesis

- Title *Modelling the formation of coral cays on platform reefs.*
- Supervisors Prof. dr. H.E. de Swart, dr. M. van der Vegt and dr. ir. A. van Dongeren
- Description A modelling study to investigate the effects of wave dissipation, wave-generated currents and sediment transport on the formation and positioning of coral cays on platform reefs.

---

## Experience

### Research experience

- 2015 – 2016 **Research Associate**, STOCKHOLM ENVIRONMENT INSTITUTE (SEI), Stockholm, Sweden, <http://www.sei-international.org>.  
A case study in which a set of coastal risk tools developed in the RISC-KIT project are applied, to assess the Kristianstad Municipality coastline in Sweden on flooding and erosion during extreme storm events.
- 2013 – 2014 **Graduate intern at the department of Sediment transport and Morphology**, DELTARES - *institute for applied research*, Delft, the Netherlands, <http://www.deltares.nl>.  
A research study addressing the formation of coral cays on platform reefs.

### Sea-going experience

- 2015 **Scientist**, NIOZ - RV PELAGIA, Rainbow thermal field on the Mid-Atlantic Ridge near the Azores, 6 - 14 April 2015.  
Assisting in recovering deep-sea moorings, controlling CTD casts during "yo-yo" and "tow-yow" surveys and a first attempt in analysing the recovered mooring datasets.
- 2008 – Present **Seaman at the deck department**, REDERIJ HALFLAND - *shipping company*, Rotterdam, the Netherlands, <http://www.halfland.nl>.  
Assisting steersman and captain on two and three-masted sailing ships.

### Teaching experience

- 2015 **Teacher in Physics and Mathematics**, LYCEO/ INWIJS, Leiden, the Netherlands, <http://www.lyceo.nl> / <http://www.inwijs.nl>.  
Giving instruction and additional attention to secondary school students.

### Engineering experience

- 2011 **Undergraduate intern at the department of Research and Development**, CTC GMBH *subsidiary of* AIRBUS DEUTSCHLAND GMBH, Stade, Germany, <http://www.ctc-gmbh.com>.  
Developing processes for "Out of Autoclave" rework on the Airbus A350-1000 Fuselage, made primarily of carbon fibre reinforced plastic.
- 2003 – 2011 **Fieldworker**, NAWI BV, Borculo, the Netherlands, <http://www.nawi.nl>.  
Welding and assembling of steel structures in the food-industry.
- 2010 **Optimisation Engineer**, SPEARS & STIJNMAN, The Hague, the Netherlands.  
Analysing and optimising of mobile telecom networks.
- 2007 – 2008 **Intern at the department of Design/ Analysis and Project Management**, FACC AG, Ried im Innkreis, Austria, <http://www.facc.at>.  
Designing and analysing of composite components for the Boeing 787 Spoiler project.

2006 **Trainee Mechanic**, HET KLASSIEKER CENTRUM, Delft, the Netherlands,  
<http://www.klassiekercentrum.nl>.  
Repairing and restoring classic cars.

---

## Conference presentations

2016 **From storm hazards at the coast, to impacts on the hinterland - RISC-KIT project**, *Climate Change Adaptation in the Coastal Zone conference organised by FÖRENINGEN VATTEN (Swedish Association for Water) in cooperation with the LUND UNIVERSITY and the WORLD MARITIME UNIVERSITY*, Malmö, Sweden.

---

## Languages

Dutch	Native language	
English	Fluent	<i>speaking and writing</i>
German	Intermediate	<i>speaking and writing</i>
French	Basic knowledge	<i>speaking and writing</i>
Portuguese	Basic knowledge	<i>speaking</i>
Spanish	Basic knowledge	<i>speaking</i>

---

## Skills/ Abilities

### Communication

Reading	Proficient in reading technical manuals and scientific papers
Writing	Proficient in writing technical and scientific reports
Presenting	Confident in public speaking and work floor discussions

### Information technology

Operating systems	Windows, Mac OSX, Linux Mint
Programming languages	Python, Fortran, HTML
Productivity software	Microsoft Office suite, LaTeX
Engineering design packages	CATIA, Patran/ Nastran, Matlab/ Simulink
Modelling software	XBeach, Delft3D, LISFLOOD
Geographic information system	QGIS

### Licences/ Certificates

Date of expiry:	International certificate for operators of pleasure craft	<i>Inland/ Coastal waters</i>
3 March 2056		
26 March 2020	Survival at Sea certificate	
3 March 2017	Seafarer medical certificate	<i>Worldwide</i>
30 January 2019	Car and motorcycle driving license	<i>category A and B</i>

---

## Other interests

o Surfing	o Motorcycling
-----------	----------------

- Sailing
- Restoring an English classic sports car
- Travelling (South America (6 months in 2014), Panama, Costa Rica, Brazil, Indonesia, Fuerteventura and Europe)

---

## References

### **Dr. K. Barquet**

Research Fellow

Stockholm Environment Institute

✉ karina.barquet@sei-international.org

☎ +46 (0)70 388 5690

### **Dr. ir. A. van Dongeren**

Specialist in nearshore wave dynamics and morphology

Deltares

✉ ap.vandongeren@deltares.nl

☎ +31 (0)6 147 02 455