LUCAS VAN DER MEER

Geospatial Data Analyst

@ luukvandermeer@live.nl   📞 0031 6 39881429   📍 Münster, Germany
in linkedin.com/in/luuk-van-der-meer   🐦 @LuukvanderMeer
○ github.com/luukvdmeer   🚩 Dutch

EDUCATION

MSc. in Geospatial Technologies - 2nd and 3rd semester
Westfälische Wilhelms-Universität
Institute for Geoinformatics

📅 April 2018 – March 2019   📍 Münster, Germany

- Spatial data science in R and in Python.
- Visualization of spatial data.
- Reference systems for geographic information.
- Project management and academic writing.
- For my master thesis, I created a spatio-temporal forecasting system for bike availability in dockless bike sharing systems, using time series forecasting methods. It was supervised by Prof. Dr. Edzer Pebesma. Grade: 20 out of 20.

MSc. in Geospatial Technologies - 1st semester
Universidade Nova de Lisboa
Information Management School

📅 September 2017 – March 2018   📍 Lisbon, Portugal

- Remote sensing.
- Geostatistics.
- Data mining of geospatial big data.
- Geographic information science.
- Spatial data science in Python and PostGIS.

Academic minor in Mathematics & Statistics
University of Groningen
Faculty of Science and Engineering, Faculty of Economics and Business

📅 September 2015 – June 2016   📍 Groningen, The Netherlands

- Statistics and statistical reasoning.
- Probability theory.
- Calculus and linear algebra.

BSc. in Environmental and Infrastructure Planning
**University of Groningen**
Faculty of Spatial Sciences

📅 September 2013 – June 2016   📍 Groningen, The Netherlands

- Spatial information technology.
- Urban planning, environmental planning and water planning.
- Physical geography and economic geography.
- Environmental engineering and resistance theory.
- Statistics.
- For my bachelor thesis, I investigated the change of the relative accessibility of peripheral regions in The Netherlands over time, using network analysis tools. It was supervised by Dr. Peter Groote. Grade: 9.5 out of 10.

TECHNICAL SKILLS

Programming

R	●●●●●
Python	●●●●○
PostgreSQL & PostGIS	●●●○○
Markdown	●●●○○
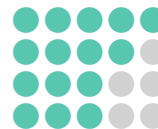
GIS software

QGIS	●●●●●
ArcGIS	●●●●●

Design software

GIMP	●●●●○
Photoshop	●●●○○

LANGUAGES

Dutch	●●●●●
English	●●●●●
German	●●●●○
Swedish	●●●○○
French	●●○○○
Portuguese	●●○○○
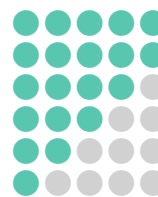
ACTIVITIES

GeoMundus 2018
Conference organizer

📅 December, 2018   📍 Lisbon

GSWV Tandje Hoger Board
Treasurer

📅 2013 & 2014   📍 Groningen

HOBBIES

🚴 **Cycling**
At elite level for WV West Frisia.

🥾 **Hiking**
In the mountains.

⛷ **Skiing**
Cross country and alpine.

EXPERIENCE

Junior GIS Specialist

**University of Groningen Geoservice
Centre of Information Technology**

📅 September 2016 – August 2017   📍 Groningen, The Netherlands

- Investigating the patterns of supply shortage of public bikes in The Netherlands, both over space and time. Results were published in Dutch newspapers.
- Assisting the Geoservice Helpdesk, which offers support in spatial data analysis to university employees, students, public institutions and companies.

Student Assistant Statistics

**University of Groningen
Faculty of Spatial Sciences**

📅 November 2015 – January 2016   📍 Groningen, The Netherlands

- Assisting students of the Statistics course at their computer practica, where they worked with statistical computations in SPSS.

Student Assistant Spatial Information Technology

**University of Groningen
Faculty of Spatial Sciences**

📅 September 2015 – November 2015   📍 Groningen, The Netherlands

- Assisting students of the Spatial Information Technology course at their computer practica, where they worked with analyzing spatial data in ArcGIS.

PUBLICATIONS

📄 **Journal Articles**

- Abad, Lorena and Lucas Van der Meer (2018). "Quantifying Bicycle Network Connectivity in Lisbon Using Open Data". In: *Information* 9.11, p. 14. ISSN: 2078-2489. DOI: 10.3390/info9110287.

DISTINCTIONS

🏆 **Best Student Award**
For the Master of Science in Geospatial Technologies, with a final grade of 19 out of 20.

REFEREES

Prof. Dr. Edzer Pebesma
@ edzer.pebesma@uni-muenster.de
✉ Institute for Geoinformatics
Heisenbergstrasse 2, 48149
Münster, Germany

Prof. Dr. Marco Painho
@ painho@novaims.unl.pt
✉ NOVA IMS
Campus de Campolide 1070–312
Lisbon, Portugal

Drs. Govert Schoof
@ g.schoof@rug.nl
✉ University of Groningen Geoservice
Nettelbosje 1, 9747 AJ
Groningen, The Netherlands