Laure De Cock

Postdoctoral researcher and teaching assistant

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I graduated from Ghent University as Master of Science in Geography and Geomatics in 2017. A few months later, I got granted an FWO scholarship and started working as a researcher at the research group where I did my master's thesis: the CartoGIS research group of the Department of Geography. This was the start of a four-year journey, during which I studied adaptive mobile indoor route guidance (read about my research <u>here</u>). I successfully finished my PhD in October 2021 and am now working at the department of Geography as a postdoc and teaching assistant. The project I am currently working on focuses on crowd tracking and modeling.

Courses

Python pandas, presentation skills, academic posters, academisch English, teaching methods, data management, problemsolving | UGent | 2017 - 2021

Spanish | UCT | 2017 – 2019

C# programing in Unity, tensorflow | Coursera | 2019, 2022 Introduction to eye tracking | Lund University | 2019 Machine learning for python | Barcelona GSE | 2020 Mindfulness | Mie via UGent | 2021

Conferences

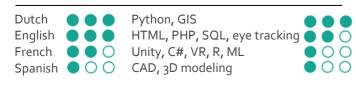
Belgian geographer's days | Luik, Gent | 2017, 2019 BeGeo | Brussel | 2018, 2019, 2021* Geographical information science | Melbourne | 2018** International conference on spatial cognition | Rome | 2018 International space syntax symposium | Beijing | 2019 International cartographic conference | Tokyo | 2019** Location based services | Wenen , online | 2019, 2021 Human computer interaction | online | 2020 Linked data in architecture | online | 2020 Conference on spatial information theory | Kobe | 2022

Awards

* Geospatial award for best thesis

** Travel awards and scholarships

Languages & technical skills



Education

Doctor in geomatics | UGent | 2017 - 2021 Bachelor and master of science in geography and geomatics | UGent | 2012 - 2017

Teaching

GIS | MA geology, BA geography | 2017 - now Topography | BA geology and archaeology | 2021 - now Poster project cartography | BA geography | 2021 - now Geodesy | BA geography | 2022 - now GI-applications | MA geography | 2017, 2018 Geo-programing | BA and MA geography | 2018, 2019 Geopandas | BA and MA geography | 2020

Bibliography

<u>Full list</u>

De Cock, L., Van de Weghe, N., Ooms, K., Saenen, I., Van Kets, N., Van Wallendael, G., ... De Maeyer, P. (2022). Linking the cognitive load induced by route instruction types and building configuration during indoor route guidance, a usability study in VR., International Journal of Geographical Information Science, 36(10), 1978–2008. https://doi.org/10.1080/13658816.2022.2032080

De Cock, L., Van de Weghe, N., Ooms, K., Vanhaeren, N., Ridolfi, M., De Poorter, E. & De Maeyer, P. (2021) Taking a closer look at indoor route guidance; usability study to compare an adapted and non-adapted mobile prototype, Spatial Cognition & Computation, DOI: 10.1080/13875868.2021.1885411

De Cock, L., Ooms, K., Van de Weghe, N., Vanhaeren, N., Pauwels, P., & De Maeyer, P. (2021). Identifying what constitutes complexity perception of decision points during indoor route guidance. INTERNATIONAL JOURNAL OF GEOGRAPHICAL INFORMATION SCIENCE, 35(6), 1232–1250.





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