



J.N. (Yannick) Wiegers

21 December 1997

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WORK EXPERIENCE



UTRECHT UNIVERSITY, *PhD candidate*

2022 - 2026

For my PhD research I will be investigating the effect of hunting pressure on wildlife populations in French Guiana.



UTRECHT UNIVERSITY, *Education-/Research Assistant*

Oct 2021 - Jan 2022

I was employed by Utrecht University to write a NWO ENW-M-2 proposal on the topic of human-wildlife conflict and coexistence.



UTRECHT UNIVERSITY, *Student Assistant*

2019 - 2021

During my time at Utrecht University I have assisted the following courses:

- **Ecology** (BSc Introductory)
- **Systems Biology** (BSc Introductory)
- **Academic Communication** (BSc Elaborating)
- **Tropical Ecology** (BSc Advanced)
- **Ornithology** (Field Course)



LOKAAL 1A, *High School Tutoring*

Jun 2015 - Sep 2016

I have tutored high school students in mathematics, biology, physics, chemistry, and classical Greek.

EDUCATION

SOVON

Nov 2020 - Jun 2021

MSc Internship at Sovon Research & Monitoring



I did my external MSc internship at Sovon, the Dutch Centre for Field Ornithology, with Dr Erik Kleyheeg. Here, I created a Bayesian integrated population model for the Dutch Mallard (*Anas platyrhynchos*). I used a variety of data sources including population trends and data for brood survival, ring recovery, and productivity to find out what caused the population decline of this species. Grade 9.0/10.

MSC. ENVIRONMENTAL BIOLOGY

Sep 2019 - Oct 2021

Utrecht University



GPA: 8.8/10. I followed the MSc track *Ecology and Natural Resource Management*. The major part of the MSc consists of an internal research project, which was supervised Joeri Zwerts. For this project, I went to Gabon for three months where I recorded tropical rainforest sound with acoustic recorders. We analyzed these 'soundscapes' to explore spatio-temporal patterns of biodiversity. This research resulted in a scientific article which is currently under review.

NIOO-KNAW

May 2019 - Jul 2019

BSc Internship at NIOO-KNAW Department of Animal Ecology



I did my BSc internship at the Netherlands Institute of Ecology supervised by Dr Monique de Jager. I contributed to a C++ model that simulated the migratory behaviour of the pink-footed goose (*Anser brachyrhynchus*). Grade 9.0/10.

BSC. BIOLOGY

Sep 2016 - Aug 2019

Utrecht University



GPA: 8.3/10. During my BSc I followed courses of the tracks Ecology & Nature Conservation, Evolution, Marine Sciences, and Theoretical Biology. I completed the Honours programme and additionally graduated cum laude.

SECONDARY EDUCATION

Sep 2009 - Aug 2016

Stedelijk Gymnasium 's-Hertogenbosch



I graduated cum laude with the subjects mathematics, physics, chemistry, biology, English, Dutch, German, classical Greek, and computer sciences.

LANGUAGES & SKILLS



Native



Excellent



Basic

Cambridge English Level 3 Certificate in ESOL International (Advanced). Overall score: 206 (**Grade A**)

Quantitative biology skills

During my BSc and MSc I have gained extensive programming experience with **R**, and have also taught it to other students while assisting BSc courses. R is therefore my go-to language for data wrangling, data analysis and statistics, but I am perfectly happy to learn new languages if the need should arise. All my previous projects were characterized by big data, complex statistical analyses, and/or modelling. I have considerable knowledge of **GIS** and am comfortable with modelling in **program MARK** and **WinBugs**.

Field biology skills

I have completed a variety of field work courses (2.5 ETCS each) organized by the Utrecht Biologists Association on the topics of Bats, Entomology, Flora, GIS, Herpetology, and Mycology. As part of my MSc major research project, I conducted fieldwork in the tropical rainforest of Gabon for three months under primitive working conditions. There, I led field teams on multiple-day trips into the jungle where we installed and retrieved camera traps and acoustic recorders. In my free time, I am an enthusiastic birder, and through my passion for nature I have accumulated considerable knowledge of the flora and fauna of the Western Palearctic.

Other

Category B driving licence

International Certificate of Competency for inland and coastal waters

European First Aid Certificate (EFAC)

PUBLICATIONS

Wiegers, J. N., E. Jongejans, C. A. M. van Turnhout, L. van den Bremer, H. van der Jeugd, and E. Kleyheeg (2022). Integrated population modeling identifies low duckling survival as driver of decline in a European population of the Mallard. *Ornithological Applications*, 124:1-12.

Zwerts, J. A., J. N. Wiegers, E. H. M. Sterck, and M. van Kuijk (2022). Exploring spatio-temporal variation in soundscape saturation of a logged African tropical rainforest. *Ecological Indicators*, 137 (2022) 10872.

Blijleven, K., W. Koppelaars, C. Boer, E. van Dijk, L. van Dijk, O. Garritsen, J. Ham, A. de Kort, G. Puijk, J. Rienstra, G. Schut, L. Seton, T. Steenwijk, E. van der Vlist, and J. N. Wiegers (2018). De kunst van het samenleven - een kijk op de werking en diversiteit van symbiose. Uitgeverij de Graaff. [Link](#).