

Marretje Adriaanse

analytic | curious | inventive | approachable



About me

marretje.adriaanse@outlook.com
+316 4913 8079

Having successfully completed dual Master's degrees in Plant Science and Aquaculture & Marine Resource Management, I have acquired extensive experience in experimental design, fieldwork, laboratory techniques, data analysis, and scientific writing. My interdisciplinary education equips me to comprehend the multifaceted sustainability challenges our society faces, and I am convinced that comprehensive solutions are essential. With a belief in the power of education, I aspire to utilize my skills in research, science communication, and storytelling to make a positive impact. As a proficient communicator, team player, facilitator, and organizer I have effectively applied these attributes in various roles. I am dedicated to continual self-improvement, actively seeking new opportunities for personal and professional growth.

Education

MSc. Aquaculture and Marine Resource Management 2018 - 2020 - Wageningen University

- Specialisation: Marine Resources and Ecology
- Minor: Ecological modelling
- Thesis: "Developing a mathematical model to predict production and clearance rates of the sponge *C. reniformis* in an IMTA-system in Turkey". Included fieldwork in Turkey (SCUBA-diving).

MSc Plant Science 2015 - 2020 - Wageningen University

- Specialisation: Natural Resource Management
- Thesis: "The difference in food security between smallholder farmers applying compost or mineral fertilizers in Northern Ghana". Included fieldwork in Northern Ghana.
- Internship at NGO "de Boerengroep" where I produced a documentary on the challenges farmers and fishermen face when trying to become more sustainable in the production methods.

BSc. Biology 2011 - 2014 - Utrecht University

- Specialisation: Ecology
- Thesis: "A study on the correlations between the nematode community and primary decomposers in the soil ecosystem of the nature area de Mossel". Included soil sampling and laboratory work (PCR).

Skills

Certificates

Manual drivers licence
PADI Rescue Diver (>150 dives)
PADI Coral Restoration Specialty
EFR Primary and Secondary Care
VMT (Safe Microbiological Techniques)

Software

R, Python, ArcGIS, ImageJ
Microsoft Office, FarmDesign, NDicea
Adobe Premiere Pro, Lightroom & Photoshop

Languages

Dutch (Native), English (Fluent), French (Intermediate), Italian (Beginner)

Work experience

Bark Europa Biologist and Researcher 2022 - Present

During my time as a researcher on the tall ship Bark Europa, I collaborated with *The Ocean Cleanup* to study plastic pollution. Alongside my research responsibilities, I also had the opportunity to share my knowledge by giving biology lectures and workshops to guests, aiming to enhance their appreciation for the marine environment.

Ecologische Landbouw Projecten Ghana (GH/NL) Boardmember 2018 - Present

The ELPG actively collaborates with local NGOs in Northern Ghana to empower smallholder farmers through training in sustainable agricultural practices, enhancing their self-sufficiency. I provide strategic advice, manage communications and contribute to decision-making for effective and sustainable impact.

Diergaarde Blijdorp (NL) Aquarist 2022 - 2023

As a zookeeper at Blijdorp's Oceanium, I managed over 1000 species of marine life, providing training, care, and ensuring optimal water quality. I honed my skills in aquarium operations and gained insights into marine life intelligence. This experience not only deepened my appreciation for marine biodiversity but also enhanced my proficiency in animal care and teamwork.

The Ropes of Hope (TZ) Project coordinator 2021

I contributed to coral restoration and research at Mafia Island Marine Park, involving tasks such as building coral nurseries through SCUBA diving and handling external communications, including website creation and social media strategy.

Kitu Kiblu (TZ) Manager 2021

I managed the day-to-day operations of the business, overseeing encounter trips that facilitate respectful and safe interactions between visitors and whale sharks. Additionally, I was responsible for the training and mentorship of interns.

REEFolution (KE) Teamleader education 2021

In collaboration with Wageningen University for coral reef restoration, I led the marine biology educational program for local schools and provided support in experiments through SCUBA diving.

Other

Freelance filmmaker
Board member (Balfolkfabriek)
Filmmaker and event organiser (Boerengroep)
Labassistent (Wageningen University)
Actor and Guide (Archeon museum)

References

Kees van Veluw
Ron Bernard

k.vanveluw@louisbolk.nl
r.bernhard@diergaardeblijdorp.nl