



ORIANA BHASIN

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[LinkedIn Profile](#)

PROFESSIONAL SUMMARY

Dynamic and results-oriented environmental scientist with a PhD in Evolutionary Biology & Ecology and over 5 years of expertise in ecological research, data analysis, and project management. Skilled in utilizing advanced analytical tools such as R, Python, and QGIS to drive impactful conservation initiatives and promote sustainable development. Fluent in French, English, and Spanish, with a proven track record of leading cross-functional teams and managing complex projects in diverse, challenging environments. Passionate about contributing to innovative projects that address large-scale environmental challenges, integrating scientific rigor with practical, industry-focused solutions.

CORE COMPETENCIES

- Advanced Data Analysis & Field Data Collection
- Project Management & Leadership
- Tropical Ecology Research & Conservation
- Multilingual Communication & Collaboration (French, English, Spanish)

EXPERIENCE

Oct 2018 - Nov 2023 **Research Scientist & Project Lead** | National Fund for Scientific Research

- Leveraged R, Python, QGIS and genetic tools for data analysis, visualization and mapping, enabling data-driven decision-making for conservation strategies.
- Led and managed ecological research projects focusing on genetic diversity and sustainable forest management, resulting in the publication of multiple peer-reviewed articles and the presentation of research findings at international conferences.
- Enhanced M.Sc. student thesis completion rate by 30% through effective mentorship, providing guidance on research design, data analysis and technical writing.

March 2021 **Citizen Science Project Manager** | Zooniverse Citizen Science Portal

- Boosted public engagement in ecological research by 50% with the successful launch of the "Buzzy Bee – African Canopy Pollinators" project, managed through the Zooniverse platform.

Nov 2017 - Dec 2019 **Field Researcher & Ecologist** | Various locations

- Coordinated international field missions in the Congo Basin, Peruvian Tropical Andes and Malaysian Borneo, collaborating with local stakeholders and international research teams.

EDUCATION

- Oct 2018 – Feb 2024 **PhD in Evolutionary Biology & Ecology** | Université libre de Bruxelles
- Thesis: "[Characterization of gene flow in *Cylicodiscus gabunensis* Harms and pollination dynamics in Central African timber tree species for sustainable exploitation.](#)"
- Sep 2015 – Sep 2017 **M.Sc. in Organisms Biology and Ecology** | Université libre de Bruxelles
- Awarded the Andrée Schaak prize for the most deserving student.
- Sep 2011 – Sep 2015 **Bachelor in Biological Sciences** | Université libre de Bruxelles

PUBLICATIONS & CONFERENCES

- "[Contrasted spatial demographic and genetic structures of a light-demanding African timber species *Cylicodiscus gabunensis* Harms – implications for a sustainable management of its populations](#)", *Forest Ecology and Management*, 2024.
- "[Development and characterization of microsatellite markers in the African timber tree species *Cylicodiscus gabunensis* \(Fabaceae\)](#)", *Molecular Biology Reports*, 2022.
- "[Seed dispersal by proboscis monkeys: the case of *Nauclea* spp.](#)", *Primates*, 2019.
- Presented research findings at the [7th European Federation for Primatology \(EFP\) Meeting](#), the [58th Annual Meeting of the Association for Tropical Biology and Conservation \(ATBC\)](#) and the [6th European Conference of Tropical Ecology \(GTÖE\)](#).

TECHNICAL SKILLS

- **Programming:** R, Python, Bash.
- **Genetic Analysis:** Microsatellite design; SPAGeDI, INEst, NM π , Geneious.
- **Geospatial Analysis:** QGIS
- **Field Research:** Tropical tree climbing.
- **Other:** Microsoft Office, Adobe Creative Suite, Canva, Github.

GRANTS

- Oct 2022 – Jan 2023 **€6,520.44 for a doctoral grant extension** | Université libre de Bruxelles
- Oct 2020 – Oct 2022 **€58,317.12 for the 2nd FRIA grant** | National Fund for Scientific Research
- Oct 2018 – Oct 2020 **€55,672.80 for the 1st FRIA grant** | National Fund for Scientific Research

LANGUAGES

- **French:** Native
- **English:** Proficient
- **Spanish:** Advanced
- **Indonesian:** Elementary
- **Dutch:** Elementary

CERTIFICATIONS & INTERESTS

- **Certified 200h Ashtanga/Vinyasa Yoga Instructor.**
- **Interests:** Surfing, travelling, cooking.