

# ORIANA BHASIN

Biodiversity Specialist

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Dynamic Data Analyst and Environmental Scientist with a PhD in Evolutionary Biology & Ecology and over 5 years of experience. Proven expertise in leveraging data analysis tools like R, Python, and QGIS to deliver actionable insights for sustainability and conservation projects. Adept at working in fast-paced environments, managing complex projects, and collaborating with cross-functional teams. Fluent in French, English, and Spanish, with a demonstrated ability to solve complex problems and drive innovation through data.

## CORE COMPETENCIES

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- Data Analysis & Visualization (R, Python, QGIS).
- Project Management & Leadership.
- Predictive Modeling & Statistical Analysis
- Sustainability & Environmental Conservation.
- Multilingual Communication & Collaboration (French, English, Spanish).

## WORK EXPERIENCE

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### RESEARCH SCIENTIST & PROJECT LEAD

October 2018 – November 2023

National Fund for Scientific Research, Brussels

- Spearheaded data-driven projects focusing on forest management and biodiversity using R, Python, and QGIS.
- Conducted complex statistical analyses to inform sustainable policy decisions, improving project efficiency by 25%.
- Published 2 peer-reviewed articles and presented findings on timber species genetic diversity and pollination dynamics at 3 international conferences.
- Increased MSc thesis completion rates by 30% through effective mentorship, offering support in data analysis and technical writing.

### PROJECT MANAGER

March 2021 – March 2022

Zooniverse Citizen Science Portal, Online

- Boosted public engagement by 50% through the launch of a citizen science project that integrated complex data collection and analysis using Python.
- Enhanced project efficiency and accessibility by integrating Python-based management strategies, resulting in 20% faster completion rates.

### FIELD RESEARCHER & ECOLOGIST

November 2017 – December 2019

Université libre de Bruxelles, Brussels

- Conducted field missions and collected biodiversity data across Southeast Asia, Africa, and South America.

- Developed data models to analyze the ecological role of endangered species, improving data interpretation and conservation strategies.

## EDUCATION

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**PhD in Evolutionary Biology & Ecology**  
Université libre de Bruxelles, Brussels

**October 2018 – February 2024**

**M.Sc. in Organisms Biology and Ecology**  
Université libre de Bruxelles, Brussels

**September 2015 – September 2017**

**Bachelor in Biological Sciences**  
Université libre de Bruxelles, Brussels

**September 2011 – September 2015**

## TECHNICAL SKILLS

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- **Programming:** R, Python, Bash.
- **Data Visualization:** QGIS, Microsoft Office.
- **Geospatial Analysis:** QGIS (GIS mapping and analysis).
- **Data Tools:** GitHub, Canva.
- **Statistical Analysis:** SPAGeDI, INEst, NMπ, Geneious.

## GRANTS

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**FRIA Grant of € €58,317.12**, October 2020 – October 2022  
National Fund for Scientific Research, Brussels

**FRIA Grant of € €55,672.80**, October 2018 – October 2020  
National Fund for Scientific Research, Brussels

## LANGUAGES

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

## CERTIFICATIONS & INTERESTS

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