

Ojaswi Sumbh

Ecological data analyst

Work & research experience

Ecological Researcher | Netherlands Environmental Assessment Agency

The Hague, NL

Oct'22 – Oct'25

- Coordinated and designed spatially explicit biodiversity assessment workflow for a large EU-funded project.
- Developed and expanded a parallel computing biodiversity assessment model for 4 taxonomic groups to create baseline.
- Collaborated with experts to advance model developments and establish version control.
- Collaborated with 7+ multidisciplinary partners across Europe to ensure quality of key deliverables.
- Authored a key deliverable and peer-reviewed publication as lead author.
- Organised and facilitated workshop for 20+ participants on exploring value perspectives of nature establishing new line of research.
- Organised and coordinated 10+ lunch lecture sessions to improve knowledge dissemination and exchange.
- Coordinated meetings and events for 30+ members of Network for women at workplace to create inclusive workplace.

Graduate Intern | Netherlands Institute for Ecology (NIOO-KNAW)

Wageningen, NL

March'21 – Aug'21

- Planned and executed fieldwork to collect data for a common garden across 4 urban and suburban areas within the Netherlands.
- Facilitated knowledge exchange through presentations.

Graduate Researcher | Wageningen University and Research

Wageningen, NL

Sept'20 – Feb'21

- Independently designed and executed a study to model conservation strategies for 15 species using regression-based techniques such as MaxENT, ENMTools in R.
- Authored a peer-reviewed publication as lead author.

Graduate Researcher | Indian Institute of Sciences

Bangalore, IN

Jan'19 – June'19

- Standardised the host DNA amplification method for invasive samples obtained from 100+ mosquitoes and Culicoides.

Undergraduate Intern | ICGEB

New Delhi, IN

June'17 – July'17

- Gathered insights on structural analysis of protein using NMR spectroscopy and workings of the Transmission Electron Microscope

Contact details

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Areas of Expertise

R · ArcGIS · QGIS · Parallel computing · Version control (Git) · Statistical analysis · Scientific writing · Python

Languages | English (Full proficiency) · Dutch (B1) · Hindi (Native) · Marathi (Native)

Additional skills | Canva · Procreate · MS Suite · Report writing · Visual code

EDUCATION

MSc. Forest and Nature Conservation (Ecology) | Wageningen University & Research

Wageningen, NL

Sept'21

Holland Scholarship recipient

GPA: 7.9/10

B.tech Biotechnology | Vellore

Institute of Technology

Vellore, IN

Sept,19

GPA: 8.8/10