

Marina Brogi

ID: CA28575KS | **Date of birth:** 26/11/1999 | **Place of birth:** Firenze, Italy | **Nationality:** Italian |

Phone number: (+39) 3486514022 (Mobile) | **Email address:** MARINA.BROGI@phd.units.it |

Address: Via del Roncheto 71/2, 34145, Trieste, Italy (Home)

ABOUT ME

As a PhD student in Environmental Life Sciences, I study functional diversity conservation across botanical gardens worldwilde. Furthermore, my work investigates whether botanical gardens reflect global plant trait variation, exploring their potential as open laboratories for sampling hard-to-measure plant traits.

WORK EXPERIENCE

INTERNSHIP IN ENVIRONMENTAL BIOLOGY – BIOLOGY DEPARTMENT, UNIVERSITY OF FLORENCE – 16/03/2024 – 03/12/2024 – FLORENCE, ITALY

• Laboratory activities: soil pulverisation, seeds selection, plant species identification using Flora d'Italia;
• Field activities: n. 10 field experiences in Tuscan region, n. 3 with overnight stay on the archipelago islands, field activities such as surveying plant species, observing changes in the flora, studying functional traits.

ERASMUS+ TRAINEESHIP IN ENVIRONMENTAL BIOLOGY – FACULTADE DE BIOLOGÌA, UNIVERSIDADE DE VIGO – 20/09/2023 – 20/02/2024 – VIGO, SPAIN

• contriving new experimental designs
• studying the invasive alien plant species Carpobrotus
• studying the effects of climate change
• studying protocols for biochemical analysis
• using advanced instrumentation to measure photosynthetic parameters (MultispeQ V2.0)
• data organization using Excel
• data analysis using R software

INTERNSHIP IN BIOLOGICAL SCIENCES – BOTANY DEPARTMENT, UNIVERSITY OF FLORENCE – 01/03/2021 – 01/10/2021 – FIRENZE, ITALY

• studying the plant species *Tillandsia usneoides*
• monitoring vital parameters
• using advanced instrumentation to measure photosynthetic parameters (Handy PEA+)
• studying microplastics and nanoplastics
• usying ImageJ software for microplastics characterization
• data organization and analysis using Excel.

EDUCATION AND TRAINING

01/11/2025 – CURRENT Trieste, Italy
PHD IN ENVIRONMENTAL LIFE SCIENCES Università degli Studi di Trieste

Website https://phd.units.it/it/dot1333171 | **Field of study** Environmental Sciences | Plant Ecology

24/11/2021 – 05/02/2025 Florence, Italy
MASTER'S DEGREE IN ENVIRONMENTAL AND BEHAVIOURAL BIOLOGY University of Florence

• deep knowledge of the chemical and physical properties of the natural environment, the dynamics of natural ecological systems, the effects of climate change, and the main organic and inorganic pollutants;;

• laboratory and research skills

Website https://www.bac.unifi.it/ | **Field of study** Environmental sciences , Biology | **Final grade** 110/110 cum laude |

Type of credits CFU | **Number of credits** 120 |

Thesis "Surviving the Triple Threat: Assessing the Resilience of Carpobrotus spp. to Combined Effects of Temperature, Drought and Salinity in a Changing World"

01/09/2018 – 24/11/2021 Florence, Italy

BACHELOR'S DEGREE IN BIOLOGICAL SCIENCES University of Florence

• fundamentals of mathematics, chemistry and physics;
• applied biology of microorganisms, plants, animals and humans at morphological, functional, cellular, molecular and evolutionary levels, with a focus on mechanisms of reproduction, development and hereditariness;
• learning the basis of the researcher work.

Website https://www.biologia.unifi.it/ | **Field of study** Biology | **Final grade** 110/110 cum laude | **Type of credits** CFU |

Number of credits 180 |

Thesis "Air pollution from microplastics: a study on the use of Tillandsia usneoides as an environmental biomonitor."

15/09/2013 – 07/07/2018 Prato, Italy

CLASSICAL HIGH SCHOOL Cicognini-Rodari

Website https://www.cicogninirodariprato.edu.it/ | **Final grade** 88/100

CONFERENCES AND SEMINARS

03/09/2024 – 06/09/2024 Lisbona

NEOBIOTA - 13th International Conference on Biological Invasions

Poster presentation: "Surviving the triple threat: assessing the resilience of *Carpobrotus* spp. to combined effects of temperature, drought, and salinity in a changing world".

Link https://www.neobiota2024.org/

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s): **ENGLISH** | **SPANISH** | **FRENCH**

SKILLS

Google | Social Network | Office App (Word, Excel, PowerPoint, Outlook) | E-mail | R and RStudio

DRIVING LICENCE

Driving Licence: A1

Driving Licence: B

PARTICIPATION TO ORGANISING COMMITTEE

15/08/2024 – 16/08/2024

IV International Young Researchers Conference on Invasive Species - International Congress in Vigo, Spain

• Administration of the online communication part of the conference.

06/05/2025 – 07/05/2025

V International Young Researchers Conference on Invasive Species - International Congress in Vigo, Spain

• Administration of the online communication part of the conference.

Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 - "Regolamento europeo sulla protezione dei dati personali".



Trieste , 22/09/2026

Marina Brogi