

Camilla Ruscelli

CONTACT

Email: rusce98@live.it
camilla.ruscelli@szn.it

EDUCATION

Master's Degree in Natural Sciences and Management

ALMA MATER STUDIORUM – University of Bologna 2022–2025

Thesis: Molecular and physiological response of the zooxanthellate coral *Balanophyllia europaea* along the natural CO₂ gradient of Bottaro (Panarea, Aeolian Islands).

Grade: 110L/110

Internship: Feb 2024 – Feb 2025 – Alma Mater Studiorum – University of Bologna

RNA and DNA extraction; Protein extraction; Chlorophyll extraction; Microscopic counting; Primer design; PCR/RT-qPCR; Statistical analysis

Bachelor's degree in environmental science

ALMA MATER STUDIORUM – University of Bologna 2017–2020

Thesis: Analysis of trends in ocean heat content from 1980 to the present.

Grade: 109/110

Internship: June 2020 – August 2020 – CMCC Foundation – Euro-Mediterranean Center on Climate Change

Review of scientific literature; Time series analysis on global and basin averages; Compilation and execution of Python codes

PROFESSIONAL EXPERIENCE

Scholarship holder

01/10/2025 – Current Messina, Italy

Study of resistance to high growth temperatures through direct evolution in marine *Chlamydomonas*.

Collaborator

Atlantide Soc. Coop. Sociale, Studi e Servizi Ambientali e Turistici

Bartender

Jump cafe, Forlì

Volleyball coach

EderaSports Club, Forlì

PUBLICATIONS AND CONFERENCES

Presentation of a poster at the XXIX AIOL APS ETS Congress, Ancona, 2025

Title: "Molecular and physiological acclimatization of the Mediterranean zooxanthellate coral *Balanophyllia europaea* in the presence of natural CO₂"

CERTIFICATES

Open Water Diver 20 – RAID Training – Sottacqua Diving School Scientific 2022

Diving Lab Diver – PADI Training – Alma Mater Studiorum 2023

Advanced 35 – RAID Training – Sottacqua Diving School 2023

Mater Rescue Diver – RAID Training – Sottacqua Diving School 2024

Nitrox Diver – RAID Training – Sottacqua Diving School 2024

Oxygen Administration – RAID Training – Sottacqua Diving School 2024

General Health and Safety Training – Alma Mater Studiorum – University of Bologna

Specific Health and Safety Training – Alma Mater Studiorum – University of Bologna 2022

Specific Medium Risk Training – Alma Mater Studiorum – University of Bologna 2022

MEMBERSHIP

Member of AIOL – Italian Association of Oceanology and Limnology 2025

LANGUAGES

Italian: native speaker

English: B2 (CLA Academic– UNIBO)

DIGITAL SKILLS

Office; R – R Studio; QGIS – LTR; Canva; BestKeeper; GeNorm; NormFinder