CURRICULUM VITAE

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Education

From 1/2021 - present

University of Bologna

PhD degree in Innovative Technologies and Sustainable Use of Mediterranean Sea Fishery and Biological Resources (FishMed-PhD)

From 10/2016 to 03/2019

University of Bologna

Masters in Science and Management of Nature - College of Sciences.

Unibo Action 2 International scholarship grantee.

From 08/2015 to 03/2016

State University of Londrina

Discipline – Behavioral Neuroscience (Masters in Behavioral Analysis)

From 04/2015 to 07/2015

State University of Londrina

University extension course - Environmental forensic inspection.

License in environmental forensic inspection.

From 03/2010 to 12/2014

State University of Londrina

Bachelor's and Teaching degree in Biological Sciences. Credits: 153.6

From 08/2012 to 08/2013

Arizona State University - School of Life Sciences

Brazil Science without Borders Program scholarship holder

25 credits in 8 courses pertaining to the bachelor's degree in Biological Sciences

Areas of scientific interests

Ecosystem conservation, animal behavior, environmental education, citizen science.

Other professional experiences

11/2023 - 02/2024

Abroad experience – The European Travel Agents and Tour Operators Association (ECTAA Asbl) Contact with Directorate General for the Environment, Sustainability practices, Stakeholder engagement on European proposals. Brussels, Belgium.

12/2019 - 06/2020

Research scholarship – reliability analysis of data on the impact of a Citizen Science project on tourists' environmental knowledge and awareness, University of Bologna, Italy.

06/2019 - 09/2019

Sea Sentinels –Participation in a Citizen Science project for monitoring the biodiversity of the Mediterranean Sea in Liguria, Marche and Sardinia, with the involvement of tourists and citizens to raise awareness of environmental care.

04/2018 - 10/2018

Abroad experience - Glocal Education – Participation in the environmental education project to raise awareness among tourists through environmental education activities in an informal context, as a biologist at a Francorosso resort in the Felidhoo atoll, Maldives.

Da 01/2018 —

Marine Science Group - University of Bologna

Participation in citizen science projects, data processing obtained from these projects and writing of the master's degree thesis.

Da 06/2019 a 09/2019

Project Sea Sentinels

Participation in the Citizen Science project for the monitoring of Mediterranean biodiversity in Liguria, Marche and Sardinia, with the involvement of tourists and citizens for monitoring and raising awareness of environmental care.

Da 04/2018 a 10/2018

Glocal Education project

Marine Science Group, University of Bologna

Participation in the Citizen Science project to raise awareness of tourists through environmental education activities in an informal context, as a biologist at a Francorosso resort in the Felidhoo atoll, Maldives.

Prizes

2012

"Dean's List" - College of Liberal Arts and Sciences - Arizona State University

Participation to research projects

From 12/2019 to 06/2020

Research Fellow to conduct reliability analysis of data related to the impact of a Citizen Science project on tourists' environmental knowledge and awareness, University of Bologna, Italy.

From 06/2019 to 09/2019

Participation in the Citizen Science project "Sentinelle del Mare" for monitoring the biodiversity of the Mediterranean in Liguria, Marche and Sardinia, involving tourists and citizens to raise awareness of environmental care.

From 04/2018 to 10/2018

Participation in the environmental education project "Glocal Education" to raise awareness among tourists through environmental education activities in an informal context, as a biologist at a Francorosso resort in Felidhoo Atoll, Maldives.

From 12/2013 to 07/2014

Collaboration in the project: Initial teachers' formation and science internships: analysis of the

Curriculum vitae of Mariana Machado Toffolo

teacher's knowledge.

Advisor: Silmara Sartoreto, de Oliveira.

Scientific Initiation Program, State University of Londrina

From 03/2011 to 02/2012

Collaboration in the project: Identification and characterization of transcripts of Azospirillum

as corn growing promoters

Advisor: Renata Stolf Moreira.

Scientific initiation program, State University of Londrina

From 01/2013 to 05/2013

Arizona State University - School of Life Sciences

Collaboration in Nicolas Lessios project: Visual orientation behavior in context of the natural light environment of turbid ephemeral pools, and eye structure of *Triops* (Branchiopoda: Notostraca).

Advisor: Doc. Ronald Rutowski

Active participation in scientific meetings

ABSTRACTS

06/2024

Reliability of data collected by volunteers: a nine-year citizen science study in the Red Sea. ECCB 2024 - 7th European Congress of Conservation Biology, Bologna, Italy.

06/2024

Land-based protection affects Red Sea coral reef communities over 8 years of monitoring. ECCB 2024 - 7th European Congress of Conservation Biology, Bologna, Italy.

11/2023

Stakeholder Engagement and Monitoring of Climate Change Effects in a Coastal Lagoon: the Mar Menor, SE Spain

International Meet on Environmental Science and Engineering (IMESEMEET2023), Rome, Italy.

11/2022

Short- and long-term effects of an informal education program on tourist environmental perception.

Patrimonio dell'Umanità. 50 anni dalla Convenzione UNESCO: riflessioni nei Campus dell'Alma Mater Studiorum

07/2022

Long-term effects of an informal education program on tourist environmental perception ICRS 2022 – 15th International Coral Reef Symposium 2022, Bremen, Germany.

05/2022

Citizens Empowerment Through Ocean Knowledge Co-Production, Workshop European Maritime Day 2022, Ravenna, Italy

11/2021

Environmental education and tourism: promoting tourist awareness through informal activities. Incontro Nazionale Citizen Science Italia, 2021

12/2020

Reliability of data collected by volunteers, a nine-year citizen science study in three Red Sea touristic facilities.

5th Annual International Conference on participatory research, citizen science, crowd innovation and fab labs for peace and development (Objectif Sciences International (OSI) Geneva Forum at United Nations).

08/2014

Research presentation: A construção do conhecimento científico por meio de atividades investigativas (Science knowledge building through investigative activities).

ICSE 2014 – 2d International Congress of Science Education, Foz do Iguaçu, PR.

11/2014

Research presentation: A construção do conhecimento científico por meio de atividades investigativas (Science knowledge building through investigative activities).

Congresso Iberoamericano de Scienza, Tecnologia, Innovazione e Educazione; Buenos Aires, Argentina.

Languages

Mother tongue Portuguese

Other Languages English (C1), Italian (B2), French (A2)

Social and organizational skills and competences

I am a very empathetic, patient, persevering and responsible person. I leave nothing unfinished. I love working in a multicultural environment, with lots of information exchange and with the ability to create and employ new working methods as well. I have acquired these skills through sports, handball and football, which I have practiced for 3 years, and also through a university exchange experience, where I shared the study experience abroad with students from different nationalities. At the end of the program I also worked as a volunteer in a non-governmental organization with poles in 28 countries around the world, and my role was to assist and manage the education projects developed by the teachers in these poles. With the experiences listed I have developed great organizational skills and project management, as well as a sense of teamwork.

I have been able to consolidate these skills through my work as an English teacher, and also through volunteering. After completing my exchange program, I volunteered for 1 year at Caritas, a Catholic social service organization. My role as a volunteer was to teach Portuguese

to Haitian, Indian and Ghanaian refugees who sought asylum in Brazil. Therefore, I've been able to work in a multicultural environment where communication is essential and where you need to work together. I believe that these skills and experiences have made me grow and opened my eyes so that I can take on opportunities such as getting a master's degree in Italy, a country so different from my own, but that will greatly contribute to my personal and professional growth and hopefully will allow me to contribute to our society in the future.

Technical skills and competences

Good knowledge of operating systems windows, mac os, linux Good mastery of microsoft office tools (word processor, spreadsheet, presentation software) Good command of video editing software acquired at an amateur level.