



Mattia Bosio

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EDUCATION AND TRAINING

01/11/2023 – CURRENT Genova, Italy

PHD STUDENT IN SCIENCE AND TECHNOLOGY FOR THE EARTH AND THE ENVIRONMENT (STAT) - URBAN GREENERY AND NATURE-BASED SOLUTIONS FOR FINE DUST MITIGATION

Università di Genova

Website www.unige.it

17/12/2021 Genova, Italy

MASTER'S DEGREE IN MAGISTRALE IN NATURE CONSERVATION AND MANAGEMENT

Università di Genova

Field of study Natural sciences, mathematics and statistics | **Final grade** 110/110 cum laude |

Thesis Analysis of trophic strategies of *Speleomantes strinatii* and *Salamandrina perspicillata* populations in Valbrevenna

11/2021

IN POSSESSION OF THE 24CFU (EX D.M. 616/2017) FOR TEACHING

Attendance at the training course in the areas of Pedagogy, Psychology, Anthropology and Educational Methodologies during the second year of the Master's degree course.

05/2021 – 06/2021

TRAINING COURSE HELD BY WIKITRADE

- The topics addressed focused on the climate and environmental impacts of today's economy
- Introduction to the use of Wikimedia Italia's free knowledge platforms, in particular Wikipedia.
- At the end of the course, an encyclopaedic entry was drafted on the topics of the meetings (water acidification), which was later uploaded and made available on Wikipedia.

Link https://it.wikipedia.org/wiki/Acidificazione_delle_acque_dolci

10/2020 – 11/2020 Liguria, Italy

TRAINING COURSE ON TECHNIQUES FOR MONITORING WOLVES (CANIS LUPUS) IN LIGURIA (ITALY) LIFE WolfAlps EU Project

Website <https://www.lifewolfalps.eu>

10/2020 Genova, Italy

'FESTIVAL DELLA SCIENZA' TRAINING COURSE FOR SCIENCE ANIMATORS (8H) Festival della Scienza

18/12/2018

BACHELOR'S DEGREE IN NATURAL AND ENVIRONMENTAL SCIENCES (NATURE CURRICULUM)

Università di Genova

Field of study Natural sciences, mathematics and statistics | **Final grade** 108/110 |

Thesis Analysis of the pedofauna of Castello d'Albertis

01/2018 – 03/2018 Genova, Italy

TRAINING COURSE FOR GUIDES AT THE 'ACQUARIO DI GENOVA' Dafne Cooperative

Website <https://www.dafnet.it>

07/2014 Genova, Italy

PROFESSIONAL DIPLOMA IN FOOD AND WINE SERVICES AND HOTEL HOSPITALITY Istituto Professionale Statale per l'Enogastronomia e l'Ospitalità Alberghiera Marco Polo

School internships carried out

- Two-week internship during second year at 'Fuori Orario' restaurant, via Palestro, Genova (IT)
- One-month internship during third year at 'Pasticceria Poldo', Genova Pontedecimo (IT)

Website www.marcopolo.edu.it/

● **WORK EXPERIENCE**

14/02/2023 – 27/02/2023 Genova, Italy

SUBSTITUTE TEACHER AT I.P.S.E.O.A. MARCO POLO (GE) - A031 FOOD SCIENCE SECONDARY SCHOOL I.P.S.E.O.A. MARCO POLO (GE)

Genova, Italy

SCIENCE ANIMATOR AT "FESTIVAL DELLA SCIENZA FESTIVAL DELLA SCIENZA"

- Conducting scientific, theoretical and practical workshops aimed mainly at students.
- Presentation and exhibition of navigation tools and techniques.
- Pollen and Allergy Exhibition/Laboratory
- Editions 2020 - 2021 - 2022 - 2023

03/2018 – 10/2021 Genova, Italy

SCIENTIFIC GUIDE AT THE ACQUARIO DI GENOVA DAFNE COOPERATIVE

- Guided tours with school groups and organised groups along the exhibition route
- Guided tours 'behind the scenes' in technical areas and areas not normally accessible to the public

02/2021 Genova, Italy

COLLABORATION WITH CASTELLO D'ALBERTIS, THE UNIVERSITY OF GENOA AND THE HYDROGRAPHIC INSTITUTE OF THE ITALIAN NAVY

- Creation of a video-documentary on the life of Captain d'Albertis
- Exposition of basic concepts regarding cartography, navigation and the necessary tools for orientation at sea.
- The videos, entitled "Caccia alla Rotta", were uploaded on the YouTube channel "Genova More Than This". <https://www.youtube.com/watch?v=c9B-tzEjhkY&list=PLisNxdJaZJKsTdy9VyMHu6attS18G7i9c>

Genova, Italy

SUBSTITUTE AT ISTITUTO COMPRENSIVO 'LAGACCIO' ISTITUTO COMPRENSIVO LAGACCIO

- 25/4 - 27/4/2020
- 14/01/2021

● **LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Good knowledge of ImageJ software | Basic knowledge of R software | GIS Skills- Map processing, spatial analysis | Team-work oriented | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Good knowledge of Adobe Photoshop

● ADDITIONAL INFORMATION

PUBLICATIONS

[Foraging success is differently affected by local climate in two syntopic forest-dwelling salamanders](#)

– 2022

Terrestrial salamanders regulate their surface activity, including foraging, to minimize evaporative water loss. We examined the role of local climatic conditions on the foraging success of two species of salamanders: *S. strinatii* and *S. perspicillata*. The results show that different climatic variables affected the two species differently. *Salamandrina perspicillata* foraged more intensively during periods of prolonged rainfall with higher temperatures. On the contrary, *Speleomantes strinatii* foraging success was negatively influenced by rising temperature, while rainfall seemed to have no significant effect. Body size increased success in *S. perspicillata* but not in *S. strinatii*. The results show that, when foraging in the same environment, these two species are conditioned by different climatic factors possibly due to their differences in overall body size and their ability to resist dehydration.

DOI: 10.1080/03949370.2022.2094470

DRIVING LICENCE

Driving Licence: A

Driving Licence: B

ORGANISATIONAL SKILLS

Organisational skills

- Team spirit and organisational skills acquired through work as an educator
- Good teamwork and coordination skills among colleagues developed through the role of leader and scientific animator

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Good interpersonal skills developed both at school/university in group projects and at work in conferences and catering
 - Good presentation skills acquired thanks to the role of guide at the 'Acquario di Genova', scientific animator at the 'Festival della Scienza' and the activity of educator/entertainer for children and young people at the 'Ns. Signora di Loreto' parish, Genova (IT).
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