

CURRICULUM VITAE – MAZZETTI MARTINA

I – Personal Information	
Name	Martina
Surname	Mazzetti
e-mail	martina.mazzetti@unitus.it
II – Education	MSc in Marine Biology and Ecology (LM-6), 2023 <i>University of Tuscia, Viterbo, Italy Thesis: Zoobenthic community characterization in a submerged cave of the Tremiti Archipelago (Adriatic Sea)</i> BSc in Biological Sciences (L-13), 2019 <i>University of Rome “Tor Vergata”, Rome, Italy</i> <i>Thesis: Experimental methods for sponge husbandry under controlled conditions</i> Scientific High School Diploma (Bilingual Programme), 2009 <i>Liceo scientifico “Teresa Gullace Talotta” Rome, Italy</i>
III – Research Experience	PhD Candidate – Ecology and Sustainable Management of Environmental Resources Nov 2025 – Present - <i>University of Tuscia, Viterbo, Italy Dept. of Ecological and Biological Sciences</i> Research Fellow – Project Title: Ecological and Evolutionary Responses of Marine Organisms to Environmental Change, Dec 2024 – Oct 2025 <i>University of Tuscia, Viterbo, Italy</i> Research Scholarship – Project Title: Comparative Study of Low-Impact Fishing Methods for Sustainable Resource Management, Mar 2024 – Nov 2024 <i>Stazione Zoologica Anton Dohrn, Palermo/Amendolara, Italy Integrated Marine Ecology</i> Technical Diver – PRO.BIO.MAR. Project , Sep 2023 – Nov 2023 <i>University of Bari Aldo Moro, Bari, Italy Dept. of Biosciences, Biotechnologies and Environment</i> Technical Diver – BIOBLITZ Project , Jun 2020 – Aug 2020 <i>Consorzio Universitario per la Ricerca Socioeconomica e Ambientale (CURSA), Rome, Italy</i>
IV – Training and Professional Courses	Ichthyology: Freshwater Fish of Italy , 20–24 Oct 2025 <i>EN.UN.I.N.</i> Benthic Mollusc Taxonomy Course , 9–13 Jun 2025 <i>Stazione Zoologica Anton Dohrn, Naples, Italy</i> Alien Marine Species Management , 1 Feb – 1 Jun 2025 <i>University of Camerino, Italy</i> GIS and Spatial Data Analysis in Ecology , 5–10 Feb 2025 <i>University of Tuscia, Italy</i> Underwater Photogrammetry for Practitioners , 7–10 Oct 2024 <i>Stazione Zoologica Anton Dohrn, Sicily Marine Centre, PA, Italy</i> International Course on Trophic Ecology of Marine Fishes , 16–20 Sep 2024 <i>Stazione Zoologica Anton Dohrn, Sicily Marine Centre, PA, Italy</i> Introduction to R for Statistical Analysis , 12 Jun 2024 <i>Consortium GARR, Rome, Italy</i> Polychaete Taxonomy Workshop , 24–27 Oct 2023 <i>CISBA, ISPRA, ARPAV – Mestre, Italy</i> Marine Ecology and Foraminifera Internship , 1 Feb – 5 Mar 2021 <i>ISPRA, Rome, Italy</i> Occupational Health & Safety Training , 28 Jan – 3 Feb 2021 <i>University of Urbino, Italy</i> QGIS Basic Training , 19 Mar – 30 Apr 2020 <i>Cooperativa Climax s.c.a.r.l., Rome, Italy</i> Marine and Island Ecology Field Course , 30 Jun – 3 Jul 2019 <i>University G. d’Annunzio & ISPRA, Tremiti Islands, Italy</i> Macrozoobenthos Monitoring Internship , Jan 2017 – Apr 2019 <i>L.E.S.A. – University of Rome Tor Vergata, Rome, Italy</i> Course for Environmental Educators , 20 Sep – 20 Dec 2017 <i>Cooperativa Climax, Rome, Italy</i> Marine Biology Practical Course , 27 Jun – 2 Jul 2016 <i>AMP Punta Campanella, NA, Italy</i> Eolian Cetacean Monitoring Project , 4–10 Oct 2011 <i>NECTON Marine Research Society, ME, Italy</i>
V – Orientation and Teaching Activities	Career Orientation & Academic Outreach , May 2025 – January 2026 <i>University of Tuscia, DEB, Viterbo (VT), Italy</i> Seminar: "Parasite Detection through eDNA as Ecological Indicators in Marine and Transitional Ecosystems" , 21 May 2025 <i>University of Tuscia, DEB, Viterbo (VT), Italy</i> Field Training for high schools: eDNA sampling and plankton collection , 27 Mar 2025 <i>University of Tuscia, DEB, Viterbo (VT), Italy</i> Marine Parasitology laboratory exercises , 17–19 Dec 2024 <i>University of Tuscia, CISMAR – Saline di Tarquinia, Viterbo (VT) Italy</i>

VI – Conference Participation	<p>43rd CIESM Congress, Palermo, Italy, 14–18 October 2024 - Li Vorsi, A., Mazzetti, M., Madia, M., Bottaro, M., Sinopoli, M. <i>From artisanal fishing to scientific data: characterizing marine biodiversity over time and space.</i></p> <p>National Biodiversity Forum (NBFC), Palermo, Italy, 20–22 May 2024 - Li Vorsi, A., Mazzetti, M., Madia, M., et al. <i>Artisanal fishery as a tool for monitoring marine biodiversity.</i></p> <p>43rd Report of the CIESM Commission Internationale pour l'Exploration Scientifique de la Mer Méditerranée, 2024 - Li Vorsi, A., Mazzetti, M., Madia, M., Bottaro, M., Sinopoli, M. <i>From artisanal fishing to scientific data: characterizing marine biodiversity over time and space.</i></p>
VII – Peer-Reviewed Publications	<p>Cardone, F., Mazzetti, M., Cesaretti, A., Cimmaruta, R. and Gravina, M.F. (2022). First Speleological and Biological Characterization of a Submerged Cave of the Tremiti Archipelago Geomorphosite (Adriatic Sea). <i>Geosciences</i>, 12, 213. https://doi.org/10.3390/geosciences12050213</p> <p>Paglia, G., Bergamin, L., Buccolini, M., Carabella, C., Cerrone, F., Chiocci, F.L., d'Arrielli, R., Esposito, G., Federico, D., Mancinelli, V., Marassich, A., Mazzetti, M., Mecacci, S., Nolè, C., Piattelli, V., Romano E., Salvati, E. and Miccadei, E. (2021). A multidisciplinary approach to the study of insular environments: the 1st Summer School on Geomorphology, Ecology, and Marine Biology in the Tremiti Islands (Southern Adriatic Sea, Puglia, Italy). <i>Journal of Maps</i>, 16, 1-9. https://doi.org/10.1080/17445647.2020.1776645</p>
Languages	<p>Italian – Native</p> <p>English – B2 (Listening, Reading, Writing, Speaking, Interaction)</p> <p>French – DELF A1-A2 (Listening A2, Reading A2, Writing A2, Speaking A1, Interaction A1)</p>
Technical Skills	<p>Field and Sampling Techniques - Environmental sampling from vessels: eDNA water collection (Niskin bottles), plankton nets, multiparameter probes. Underwater surveys: photo-quadrats, <i>visual census</i>, habitat mapping.</p> <p>Morphological Analysis & Taxonomy - Identification and sorting of macrozoobenthos from hard and soft substrates and seagrass habitats to species level using stereomicroscope and optical microscope. Preparation and analysis of skeletal dissociates (Porifera spicules) and spongin fibers.</p> <p>Aquaculture and Laboratory Maintenance - Controlled rearing of Porifera, Cnidaria, Polychaeta, Crustacea and microalgae cultures (e.g., <i>Nannochloropsis</i>, <i>Tetraselmis</i>).</p> <p>Stable Isotope Analysis - Sample preparation and processing of crustaceans, teleosts and elasmobranchs for $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ isotopic ratios.</p> <p>Molecular and eDNA Techniques - DNA/RNA extraction and purification from environmental and biological samples. Gene amplification via PCR, quantification with qPCR, and metabarcoding applications for biodiversity assessment.</p>
Diving Certifications	<p>Ice Diving Instructor – SSI (Cert. #717802P7055408262993-IT)</p> <p>Advanced Open Water Instructor – SSI, ISO 24802-2 (Cert. #717001C6863420457535-IT)</p> <p>Dive Guide Instructor – SSI (Cert. #717233K6862643478929-IT)</p> <p>Diver Stress & Rescue Instructor – SSI (Cert. #717233K6860943468285-IT)</p> <p>Enriched Air Nitrox Instructor – SSI (Cert. #717233P6863443461676-IT)</p> <p>National Diving Guide Technician – CONI/OPES, Italy (AG010)</p> <p>Snorkeling Instructor – SSI, ISO 13970 (Cert. #717802N5810938484014-IT)</p> <p>Advanced Nitrox Diver – TDI (Cert. #1027891)</p> <p>Advanced Decompression Procedures Diver – TDI (Cert. #1027892)</p>
Digital Skills	Strong proficiency in Microsoft Word, Excel, and PowerPoint; advanced use of Google Workspace for collaboration and training; basic skills in QGIS, ImageJ, and PRIMER v7.
Key Competencies	Advanced technical and scientific diving skills across open water, cold water and decompression environments; expertise in underwater data collection and ecological surveys; strong leadership in diver safety and rescue operations.

I authorize the processing of my personal data present in the curriculum vitae pursuant to Legislative Decree 30 June 2003, n.196 and of GDPR (EU Regulation 2016/679).

Viterbo, 27 January 2026

