

## **CURRICULUM VITAE**

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Teaching Career	<p>2021 to present: Senior Researcher, Dept. of Earth and Environmental Sciences, UNIMIB</p> <p>2020: Research Fellow, Dept. of Earth and Environmental Sciences, UNIMIB.</p> <p>2016-2020: Post-Doc, Dept. of Earth and Environmental Sciences, UNIMIB.</p> <p>2012-2016: Research fellow, CoNISMa Research Local Unit of UNIMIB.</p>
Teaching Activities	<p>Laboratory of Paleontology (bachelor degree in Geology)</p> <p>Laboratory of Applied Geomorphology and Habitat (master degree in Marine Sciences)</p> <p>Co-tutor of dozens of graduate and master thesis in Earth Science and in Natural Sciences</p>
Other Activities	<p>National and International Research projects:</p> <p>CRESCIBLUREEF: FISR National project 2019. New technologies for the knowledge of Mediterranean algal reefs. 2021-2022.</p> <p>LIFE BEYOND PLASTIC: activation of good practices to mitigate the anthropic impact on the environment and to reduce plastic pollution in the seas. 2019-2021.</p> <p>NATIONAL STRATEGY</p> <p>CoCoNET Towards COast to COast NETworks of marine protected areas (from the shore to the high and deep sea), coupled with sea-based wind energy potential (FP7).</p> <p>RITMARE: Ricerca Italiana per il Mare <a href="http://www.mit.gov.it/mit/">http://www.mit.gov.it/mit/</a>.</p> <p>BIOMAP: BIOMAP BIOcostruzioni MARine in Puglia P.O FESR 2007/2013 ASSE IV.</p> <p>CoralFISH Assessment of the interaction between corals, fish and fisheries, in order to develop monitoring and predictive modelling tools for ecosystem based, management in the deep waters of Europe and beyond (FP7).</p> <p>Member of the Italian Paleontological Society (SPI); The Italian Quaternary Association AIQUA; The International Association of Sedimentologists (IAS)</p>
Research Activities	<p>Paleoecology, geomorphology and biogeochemistry of Quaternary temperate calcareous algae reefs, rhodoliths and macrobenthic communities.</p> <p>Geobiological record of Quaternary environmental changes in shelf areas.</p>

<p>List of 10 main Publications of the last 5 years</p>	<p>Bosio G., <b>Bracchi V.A.</b>, Malinverno E., Collareta A., Coletti G., Gioncada A., Tomáš K., Di Celma C., Bianucci G., Basso D., Taphonomy of a <i>Panopea</i> bed from the Pisco Formation (Miocene, Peru). <i>Comptes Rendus PALEVOL</i>, 20(8), 119-140.</p> <p><b>Bracchi V.A.</b>, Bulegato S., Basso D., Palaeoecology of the <i>Pinna nobilis</i> biofacies along the Stirone River (Early Pleistocene, Northern Italy). <i>Bollettino della Società Paleontologica Italiana</i>, 59 (1): 41-55.</p> <p>Marchese F., <b>Bracchi V.A.</b>, Lisi G., Basso D., Corselli C., Savini A. Assessing Fine-Scale Distribution and Volume of Mediterranean Algal Reefs through Terrain Analysis of Multibeam Bathymetric Data. A Case Study in the Southern Adriatic Continental Shelf. <i>Water</i> 12, 157.</p> <p><b>Bracchi V.A.</b>, Angeletti L., Marchese F., Taviani M., Cardone F., et al., A resilient deep-water rhodolith bed off the Egadi archipelago (Mediterranean Sea) and its actupaleontological significance. <i>Alpine and Mediterranean Quaternary</i>, 32 (2), 131 - 150.</p> <p><b>Bracchi V.A.</b>, Basso D., Savini A., Corselli C., Coralligenous build-ups from a glacial period: origin and nature of a submerged tabular relief (Hyblean Plateau, Italy). <i>Marine Geology</i>, 411: 119-132.</p> <p>Foglini F., Grande G., Marchese F., <b>Bracchi V.A.</b>, Prampolini M., et al., Application of Hyperspectral Imaging to Underwater Habitat Mapping, Southern Adriatic Sea. <i>Sensors</i> 9(2261): 2-18.</p> <p><b>Bracchi V.A.</b>, Basso D., Marchese F., Corselli C., Savini A., Coralligenous morphotypes on subhorizontal substrate: A new categorization. <i>Continental Shelf Research</i> 144: 10-20.</p> <p><b>Bracchi V.A.</b>, Nalin R., Basso D., Morpho-structural heterogeneity of shallow-water coralligenous in a Pleistocene marine Terrace (Le Castella, Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 454, 101-112.</p> <p>Basso D., Babbini L., Kaleb S., <b>Bracchi V.A.</b>, Falace A., Monitoring deep Mediterranean rhodolith beds. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> 26: 549- 561.</p> <p><b>Bracchi V.A.</b>, Nalin R., Basso D., Paleoecology and dynamics of coralline-dominated facies during a Pleistocene transgressive-regressive cycle (Capo Colonna marine terrace, Southern Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 414, 296-309.</p>
<p>Scientific Expertise</p>	<p>Quaternary temperate algal reefs and bioconstructions; associated macrobenthic thanatocoenoses and death assemblages; Conservation paleobiology and applied paleoecology of temperate benthic communities</p>