

## PERSONAL INFORMATION

Bruno Cataletto

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*Place and Date of Birth:* Trieste (Italy) January 8, 1959.

*Nationality:* Italian

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## EDUCATION

**2001-2004** PhD in Metodologie in biomonitoraggio delle alterazioni ambientali, University of Trieste (Italy)

**1980-1990** Graduated in Biological Sciences, University of Trieste (Italy)

## CURRENT AND PAST POSITION(S)

**2018-present:** Member of the management of the OGS Assistance Fund:

**2015-present:** Contact person for the OCE headquarter of OGS in Santa Croce:

**2014-2015:** Member of MaB (Marine Biology) group of Oceanography Section in OGS:

**2007-present:** Manager and contact person of the "Gulf of Trieste" research site relating to the LTER-Italy network:

**2005-present:** Researcher at the Section of Oceanography - OCE, National Institute of Oceanography and Applied Geophysics – OGS (Italy):

**1991-2005:** Researcher at the Marine Biology Laboratory (Trieste, Italy)

## SCIENTIFIC INTEREST

**Topics:** I am a Marine Biologist, interested in Marine Ecology. I performed research on ecology of plankton and of marine bacteria.

**Tools:** sampling, sorting and identification of phyto-, micro- and mesozooplankton, time series analysis, nuclear and mitochondrial DNA extraction, PCR amplification, DGGE and bioinformatics.

**Field area:** Northern Adriatic Sea, Antarctica.

## FELLOWSHIPS AND AWARDS

**1994:** Marine Biology Laboratory post-graduate fellowship; for seven months at State University of New York at Stony Brook (SUNY):

**1991:** ERASMUS post-graduate fellowship: for six months at Oceanological Observatory of the University P. M. Curie (Paris VI) at Villefranche-sur-Mer, France

## RESPONSIBILITY IN RESEARCH PROJECTS LEAD BY OTHERS

**2019-2021:** Coordinator of the WP4 – Establishing the Ecological Observing System in the Adriatic Sea (ECOAdS) within the Interreg Italy-Croatia Project ECOSS (ECOLOGical observing System in the Adriatic Sea: oceanographic observations for biodiversity – Priority Axis 3: Environment and cultural heritage – Specific Objective 3.2: Contribute to protect and restore biodiversity):

**2010-2013:** Scientific Responsible for OGS in the framework of LIFE+ Programme of the ENVEUROPE Project (Environmental quality and pressure assessment across Europe: the LTER network as an integrated and shared system for ecosystem monitoring: LIFE08 ENV/IT/000

## ORGANISATION OF SCIENTIFIC MEETINGS

**2005:** Member of organizing committee for 36° National Congress of Italian Society of Marine Biology (SIBM)–Trieste–May9-13

## INSTITUTIONAL RESPONSIBILITIES

**2019-present:** Contact person for the OCE Section of the European Life Watch infrastructure:

**2016-present:** Company tutor for the OGS in numerous training projects developed by various secondary schools as part of agreements stipulated between the institutes themselves and the OGS (School-Work Alternation Project which in 2019 was replaced by the “paths for transversal and orientation skills” - PCTO):

**2015-present:** Contact person for the National Institute of Oceanography and Applied Geophysics in the Joint Research Unit (JRU) of Life Watch Italy:

**2014-present:** Member of the Coordination Committee of Italy-LTER network:

## BIBLIOMETRY

**SCOPUS** (1992-2023): 24 papers, 654 citations, H index=13:

**Google Scholar:** (1992-2023): 58 papers, 960 citations, H index=16.

## SELECTED PAPERS

Gianni F., Manea E., **Cataletto B.**, Pugnetti A., Bergami C., Bongiorno L., Pleslic G., Vilibic I., Bandelj V. (2022) Are we overlooking Natura 2000 sites? Lessons learned from a transnational project in the Adriatic Sea. *Front. Mar. Sci.* 9:1070373. Doi: 10.3389/fmars.2022.1070373.

Manea E., Bergami C., Pugnetti A., Gianni F., Oggioni A., Bandelj V., **Cataletto B.**, Pleslic G., Bongiorno L. (2022) AN ecosystem-based system of variables to enhance marine species and habitat monitoring and conservation: The Adriatic Natura 2000 case study. *Front. Mar. Sci.* 9:920366. Doi: 10.3389/fmars.2022.920366.

Pugnetti A., Manea E., Vilibic I., Sarretta A., Capotondi L., **Cataletto B.**, De Maio E., Franzosini C., Golec I., Gottardi M., Kurtovic Mrcelic J., Mihanovic H., Oggioni A., Pleslic G., Ravaioli M., Rova S., Valentini A., Bergami C. (2022) The Ecological Observing System of the Adriatic Sea (ECOAdS): structure and perspectives within the main European biodiversity and environmental strategies. *Research Ideas and Outcomes* 8: e82597. <https://doi.org/10.3897/rio.8.e82597>.

Muelbert J.H., Nidzicko N.J., Acosta A.T., Beaulieu S., Bernardino A.F., Boikova E., Bornman T.G., **Cataletto B.**, Deneudt K., Eliason E., Kraberg A.C., Nakaoka M., Pugnetti A., Ragueneau O., Scharfe M., Soltwedel T., Sosik H.M., Stanisci A., Stefanova K.B., Stephan P., Stier A.C., Wikner J., Zingone A. (2020) Corrigendum: ILTER – The International Long-Term Ecological Research Network as a platform for Global Coastal and Ocean Observation (*Frontiers in Science*, (2019), 6, 10.3389/fmars.2019.00527). *Front. Mar. Sci.*, 6: 819. Doi: 10.3389/fmars.2019.00819.

Muelbert J.H., Nidzicko N.J., Acosta A.T., Beaulieu S., Bernardino A.F., Boikova E., Bornman T.G., **Cataletto B.**, Deneudt K., Eliason E., Kraberg A.C., Nakaoka M., Pugnetti A., Ragueneau O., Scharfe M., Soltwedel T., Sosik H.M., Stanisci A., Stefanova K.B., Stephan P., Stier A.C., Wikner J., Zingone A. (2019) ILTER – the International Long-Term Ecological Research network as a platform for global coastal and ocean observation. *Frontiers in Marine Science*, 6: 527. doi.org/10.3389/fmars.2019.00527

Monti-Birkenmeier M., Berden-Zrimec M., Drinovec L., Beran A., Zrimec A., **Cataletto B.**, Fonda Umani S. (2019). Influence of salinity on growth and cell volume in three strains of *Prorocentrum cordatum* (Dinophyceae). *Aquatic Biology*, 28: 1-12.

Morabito G., Mazzocchi M.G., Salmaso N., Zingone A., Bergami C., Flaim G., Accoroni S., Basset A., Bastianini M., Belmonte G., Bernardi Aubry F., Bertani I., Bresciani M., Buzzi F., Cabrini M., Camatti E., Caroppo C., **Cataletto B.**, Castellano M., Del Negro P., de Olazabal A., Di Capua I., Elia A.C., Fornasaro D., Giallain M., Grilli F., Leoni B., Lipizer M., Longobardi L., Ludovisi A., Lugliè A., Manca M., Margiotta F., Mariani M.A., Marini M., Marzocchi M., Obertegger U., Oggioni A., Padedda B.M., Pansera M., Piscia R., Povero P., Pulina S., Romagnoli T., Rosati I., Rossetti G., Rubino F., Sarno D., Satta C.T., Sechi N., Stanca E., Tirelli V., Totti C., Pugnetti A. (2018) Plankton dynamics across the freshwater, transitional and marine research sites of the LTER-Italy Network. Patterns, fluctuations, drivers. *Science of the Total Environment*, 627: 373-387.

*Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 - "Regolamento europeo sulla protezione dei dati personali".*

