Alice Mirasole

Born in Mazzarino (Italy) on 13/01/1988

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Current Position: CTER VI livello

Current Affiliation:
Integrative Marine Ecology Department, Stazione Zoologica Anton Dohrn, Napoli (Italy)
Ischia Marine Centre

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Department of Earth and Sea Science, University of Palermo, Italy	Bachelor degree	2006-2010	Biological Science
Department of Earth and Sea Science, University of Palermo, Italy	Master degree	2010-2013	Marine Ecology
Department of Earth and Sea Science, University of Palermo, Italy	Ph.D.	2014-2017	Fish Ecology associated with seagrass meadows
Stazione Zoologica Anton Dohrn, Ischia, Italy EMI Department	Postdoc	2018-2021	Impacts of Climate Change on Mediterranean species and habitat
Stazione Zoologica Anton Dohrn, Ischia, Italy EMI Department	CTER VI level	Sept. 2021-Present	Field and Lab technician

Appointments and awards

2008: ERASMUS scholarship for a ten-month period at the Université of Picardie (Amiens, France).

2015: research scholarship for a six-month period at the Southern Seas Ecology Laboratories, University of Adelaide (Australia).
2017: ERASMUS-Plus research scholarship for a three-month period at the Marine and Environmental Science Centre, University of Lisbon (Portugal).

Other matters relevant to scientific career

Member of the 'Società Italiana di Ecologia', member of the AIOSS society (Scientific Diver in Biology and Ecology, n. ITESD000062)

Publications

Author of 7 publications on ISI-journals

List of publications of the last 10 years:

Journal Papers

Mirasole A, Gillanders BG, Reis-Santos P, Grassa F, Capasso G, Scopelliti G, Mazzola A, Vizzini S (2017) The influence of high *p*CO_2 on otolith shape, chemical and carbon isotope composition of six coastal fish species in a Mediterranean shallow CO_2 vent. Marine Biology. 164(9), 191. DOI: 10.1007/s00227-017-3221-y.

Mirasole A, Signa G, Gianguzza P, Bonaviri C, Mazzola A, Vizzini S (2019) Fish assemblages cope with ocean acidification in a shallow volcanic CO_2 vent benefiting from an adjacent recovery area. Marine Environmental Research. DOI: 10.1016/j.marenvres.2019.104851.

Tanner S, Giacomello E, Menezes G, Mirasole A, Neves J, Sequeira V, Vasconcelos R, Vieira AN, Morrongiello J. (2020) Marine regime shifts impact spatial synchrony of deep-sea fish growth in the Northeast Atlantic. Oikos. DOI: 10.1111/oik.07332.

Teixidó N, Caroselli E, Alliouane S, Ceccarelli C, Comeau S, Gattuso J-P, Fici P, Micheli F, Mirasole A, Monismith S.G, Munari M, Palumbi S, Sheets E, Urbini L, de Vittor C, Goffredo S, Gambi MC. (2020) Ocean acidification causes unexpected trait shifts in a coral species. Global Change Biology. https://doi.org/10.1111/gcb.15372

Mirasole A, Scopelliti G, Tramati C, Signa G, Mazzola A, Vizzini S. (2020) Evidences on alterations in skeleton composition and mineralization in a site-attached fish under naturally acidified conditions in a shallow CO_2 vent. Science of the Total Environment. 143309. DOI: https://doi.org/10.1016/j.scitotenv.2020.

Mirasole A, Badalamenti F, Di Franco A, Gambi MC, Teixido N. (2021) Boosted fish abundance associated with *Posidonia oceanica* meadows in temperate shallow CO_2 vents. Science of the Total Environment. 145438. https://doi.org/10.1016/j.scitotenv.2021.145438.

Carbonne C, Teixido N, Moore B, Mirasole A, Guttierez T, Gattuso JP, Comeau S (2021) Two temperate corals are tolerant to low pH regardless of previous exposure to natural CO_2 vents. Limnol. Oceanogr.