

## Giacomo Milisenda



Born in Agrigento (Italy) on 8<sup>th</sup> January 1982

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**Current Position:** ricercatore III° livello

**Current Affiliation:**

Section Integrated Marine Ecology, Stazione Zoologica Anton Dohrn, Palermo (Italy)

### **Education/Training/Experience**

<b>Institute and Location</b>	<b>Degree / Function</b>	<b>Year</b>	<b>Field of Study</b>
University of Palermo, Italy	Bachelor	2001-2006	Biological sciences
University of Palermo, Italy	Master (Laurea)	2007-2009	Marine biological resources
University of Salento, Lecce, Italy	Ph.D.	2010-2014	Jellyfish biology and ecology
National research council (CNR), Mazara del Vallo, Italy	Postdoc	2014-2018	Fisheries Management and Ecology
Stazione Zoologica Anton Dohrn, Napoli, Italy	Ricercatore III° Liv.	2018-present	Marine Ecology

### **Appointments and awards**

2014: Grant for the IMBER Open Science Conference, Marine Research, Bergen, Norway

2011 – Grant for the “Impact of gelatinous zooplankton on pelagic food webs”, Sven Lovén Centre for Marine Sciences

### **Students’ Supervision**

Supervisor of 4 master degree thesis.

## Publications

Author of 22 publications on ISI-journals (h index: 7)

### *List of publications of the last 10 years:*

#### Peer-reviewed publications:

- Vitale S, Enea M, Milisenda G, Gancitano V, Geraci ML, Falsone F, Bono G, Fiorentino F, Colloca F. (2018). Modelling the effects of more selective trawl nets on the productivity of European hake (*Merluccius merluccius*) and deep-water rose shrimp (*Parapenaeus longirostris*) stocks in the Strait of Sicily. *Scientia Marina*, 82S1: 199-208. <https://doi.org/10.3989/scimar.04752.03A>
- Vitale S, Milisenda G, Gristina M, Baiata P, Bonanomi S, Colloca F, Gancitano V, Scannella D, Fiorentino F, Sala A. (2018). Towards more selective Mediterranean trawl fisheries: are juveniles and trash excluder devices effective tools for reducing undersized catches? *Scientia Marina*, 82S1: 215-223.
- Milisenda G, Rossi S, Vizzini S, Fuentes VL, Purcell JE, Tilves U, Piraino S. (2018). Seasonal variability of diet and trophic level of the gelatinous predator *Pelagia noctiluca* (Scyphozoa). *Scientific Report*, 8: 12140.
- Massi D, Vitale S, Titone A, Milisenda G, Gristina M, Fiorentino F. (2018). Spatial distribution of the black coral *Leiopathes glaberrima* (Esper, 1788) (Antipatharia: Leiopathidae) in the Mediterranean: a prerequisite for protection of Vulnerable Marine Ecosystems (VMEs). *European Zoological Journal*, 85: 169-178.
- Cillari T, Allegra A, Andaloro F, Gristina G, Milisenda G, Sinopoli M. (2018). The use of echosounder buoys in Mediterranean Sea: A new technological approach for a sustainable FADs fishery. *Ocean & Coastal Management*, 152: 70-76.
- Sinopoli M, Cattano C, Chemello R, Timpanaro A, Milisenda G, Gristina M. (2018). Nest-mediated parental care in a marine fish: Are large-scale nesting habitats selected and do these habitats respond to small-scale requirements? *Mediterranean Marine Science*, 10.12681/mms.14993
- Tilves U, Fuentes VL, Milisenda G, Parrish CC, Vizzini S, Sabatés A. (2018). Trophic interactions of the jellyfish *Pelagia noctiluca* in the NW Mediterranean: evidence from stable isotope signatures and fatty acid composition. *Mar Ecol Prog Ser*, 591:101-116. <https://doi.org/10.3354/meps12332>
- Brown EJ, Vasconcelos RP, Wennhage H, Bergstrom U, Stottrup JG, van de Wolfshaar KE, Milisenda G, Colloca F, Le Pape O. (2018). Conflicts in the coastal zone: human impacts on commercially important fish species utilizing coastal habitat. *ICES Journal of Marine Science*, 10.1093/icesjms/fsx237

- Milisenda G, Garofalo G, Fezzani S, Rjeibi O, Jarboui O, Chemmam B, Ceriola L, Bonanno A, Genovese S, Basilone G, Mifsud R, Lauria V, Gristina M, Colloca F, Fiorentino F. (2018). Erratum to: Biomass HotSpot distribution model and spatial interaction of two exploited species of horse mackerel in the south-central Mediterranean Sea. *Hydrobiologia*. doi:10.1007/s10750-017-3378-x
- Garofalo G, Fezzani S, Gargano F, Milisenda G, Abdallah Ob, Hamida Nbh, Mifsud R. (2018). Predictive distribution models of European Hake in the South-Central Mediterranean Sea. *Hydrobiologia*, 1-20.
- Lauria V, Garofalo G, Fiorentino F, Massi D, Milisenda G, Piraino S, Russo T, Gristina G. (2017). Species distribution models of two critically endangered deep-sea octocorals reveal fishing impacts on vulnerable marine ecosystems in central Mediterranean Sea. *Scientific report*, 7(1): 8049.
- Bosch-Belmar M, Milisenda G, Girons A, Taurisano V, Accoroni S, Totti C, Piraino S, Fuentes V. (2017). Consequences of Stinging Plankton Blooms on Finfish Mariculture in the Mediterranean Sea. *Front. Mar. Sci.* 4:240.
- Bosch-Belmar M, Azzurro E, Pulis K, Milisenda G, Fuentes V, Kéfi-Daly Yahia O, Micalle A, Deidun A, Piraino S. (2017). Jellyfish blooms perception in Mediterranean finfish aquaculture. *Marine policy*, 76: 1-7.
- Milisenda G, Vitale S, Massi D, Enea M, Gancitano V, Giusto GB, Badalucco C, Gristina M, Garofalo G, Fiorentino F. (2017). Discard composition associated with the deep water rose shrimp fisheries (*Parapenaeus longirostris*, Lucas 1846) in the south-central Mediterranean Sea. *Mediterranean Marine Science*, 18(1): 53-63.
- Bono G, Okpala COR, Badalucco C, Milisenda G, Vitale S. (2016). The application of freezing and oxygen-free packaging methods and its effects on lipid oxidation and related flesh qualities of Norway lobster (*Nephrops norvegicus*): Freezing and oxygen-free packaging of Norway lobster. *European Journal of Lipid Science and Technology*, DOI: 10.1002/ejlt.201600035.
- Ape F, Arigoè C, Gristina M, Genovese L, Di Franco A, Di Lorenzo M, Baiata P, Aglieri G, Milisenda G, Mirto S. (2016). Meiofaunal diversity and nematode assemblages in two submarine caves of a Mediterranean marine protected area. *Mediterranean Marine Science*, 17: 202-215.
- Purcell JE, Milisenda G, Rizzo A, Carrion SA, Zampardi S, Airoidi S, Zagami G, Guglielmo L, Boero F, Doyle TK, Piraino S. (2015). Digestion and Predation rates of zooplankton by the pleustonic hydrozoan *Velella velella* and widespread blooms in 2013 and 2014. *Journal of plankton research*, DOI:10.1093/plankt/fbv031.

- Piraino S, Aglieri G, Martell L, Mazzoldi C, Melli V, Milisenda G, Scorrano S, Boero F. (2014). *Pelagia benovici* sp. Nov. (Cnidaria, Scyphozoa): a new jellyfish in the Mediterranean Sea. *Zootaxa*, 3794: 455-468.
- Milisenda G, Rosa S, Fuentes VL, Boero F, Guglielmo L, Piraino S. (2014). Jellyfish as Prey: Frequency of Predation and Selective Foraging of *Boops boops* (Vertebrata, Actinopterygii) on the Mauve Stinger *Pelagia noctiluca* (Cnidaria, Scyphozoa). *PLoS ONE* 9(4): e94600. doi: 10.1371/journal.pone.0094600
- Purcell JE, Tilves U, Fuentes VL, Milisenda G, Olariaja A, Sabateés A. (2014). Digestion times and predation potentials of *Pelagia noctiluca* eating fish larvae and copepods in the NW Mediterranean Sea. *Marine Ecology Progress Series* 510: 201-213
- Aglieri G, Papetti C, Zane L, Milisenda G, Boero F, Piraino S. (2014). First evidence of inbreeding, relatedness and chaotic genetic patchiness in the holoplanktonic scyphozoan *Pelagia noctiluca*. *PLoS ONE*, 9(6):e99647.
- Gianguzza P, Bonaviri C, Milisenda G, Agnetta D, Vega Fernández T, Badalamenti F. (2010). Macroalgal assemblage type affects predation pressure on sea urchins by altering adhesion strength. *Marine environmental research*, 70(1):82-86.