

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name

**GUALTIERO BASILONE**

Address

SCOPUS links

<https://biblioproxy.cnr.it:2301/authid/detail.uri?authorId=6507092385>

Other link

<https://scholar.google.it/citations?user=wsnZ8wYAAAAJ&hl=it>

E-mail

Nationality

Italian

Gender

male

WORK EXPERIENCE

- Dates (from - to) January 2021 - today
- Name and address of the employer National Research Council– Institute of Anthropic Impacts and Sustainability in marine environment, CNR - IAS
- Type of business or sector
- Occupation or position held **Research professor**
- Main activities and responsibilities
- Dates (from - to) November 2011 – December 2020
- Name and address of the employer National Research Council– Institute of Anthropic Impacts and Sustainability in marine environment, CNR - IAS
- Type of business or sector
- Occupation or position held **Researcher**
- Main activities and responsibilities
- Dates (from - to) January 2007 – October 2011
- Name and address of the employer National Research Council– Institute of Anthropic Impacts and Sustainability in marine environment, CNR - IAS
- Type of business or sector
- Occupation or position held **Researcher – fixed-term contract**
- Main activities and responsibilities

EDUCATION AND TRAINING

- Dates (from - to) 2015
- Name and type of organisation providing education and training National Oceanic and Atmospheric Administration - National Marine Fisheries Service (NOAA-NMFS) Northwest Fisheries Science center in Woods Hole (MA-USA).
- Principal subjects/occupational skills covered training period on histology and image analysis techniques for the study of the reproductive biology of marine fishes.

- Title of qualification awarded
- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

### Training in fish biology techniques

2001 – 2004

Department of Ecology and Animal Biology of the University of Vigo (Spain)

Study of the ecology and biology of small pelagic fishes

### Doctorate in Animal Biology and Ecology

- Dates (from - to)

1989 - 1993

- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

Università degli Studi di Palermo

Experimental degree thesis aimed at studying the ecology of a marine environment within an highly impacted coastal area

### Graduate in Natural Science

## PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

OTHER LANGUAGES

ITALIAN

ENGLISH AND SPANISH

### SCIENTIFIC SKILLS AND COMPETENCES

*Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.*

- Research interests (5 Key words): marine ecology, fish ecology and biology, spatial ecology of fishes, oceanography, population behaviour.
- Author of 102 publication on Scientific Journals.

### RELEVANT ROLES AND COMPETENCES

*Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.*

- He is and has been responsible for activities in European and national projects, focused on the study of renewable fisheries resources.
- The three most important ones in the last 6 years:
  - EU project: LANDMED - "Implications of the implementation of the landing obligations provisions in small pelagic fisheries in Mediterranean": Role: task leader;
  - National project: PESCATREC "Development of a sustainable and competitive fishery system through technological innovation" Role: WP coordinator;
  - National project: RITMARE "Strumenti per l'implementazione di approccio ecosistemico alla pesca ed acquacoltura sostenibile - WP local coordinator
- Since 2008 he has been and currently is coordinator of various international working groups (ACOM/ SCICOM), composed of experts in the field of fishing biology and aimed at developing policies, publications and programs related to the scientific needs of the International Commission for the Exploration of the Sea (ICES), as well as European Community policies, on data collection on fisheries resources and sustainable fishing.
- Since January 2010 has been head of the interdisciplinary Laboratories: "Biological Oceanography - Ecology of Small Pelagics" and "Histology" at the headquarters of the IAMC-CNR in Capo Granitola.
- Since 2007 coordinated 50 survey programs at sea aimed to study the fish ecology and the assessment of renewable exploited fish resources.
- Scientific coordinator for several national and international Research agreement with public research institutes and universities (e.g.: School of Biology, Aristotle University of Thessaloniki (Greece), ).
- 2008, on behalf of the COST office of the "European Science Foundation" (ESF), coordinates and organizes an international conference as part of COST Action FA06 "Fish reproduction and fisheries" (FRESH). Palermo on 11/17/2008.
- Held academic courses on the ecology of pelagic marine environment at the University of Palermo.
- Supervisor of more than 20 university theses (three-year, specialist and master's); co-guiding teacher and co-rapporteur of 4 doctoral theses.

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 97
- TOTAL NUMBER OF CITATIONS: 2009
- H-INDEX: 25

10 MOST RELEVANT  
PUBLICATIONS  
*In the last 10 years.*

1. Basilone G., R. Ferreri, M. Barra, A. Bonanno, M. Pulizzi, A. Gargano, I. Fontana, G. Giacalone, P. Rumolo, S. Mazzola, S. Genovese, R. McBride and S. Aronica. 2020. Spawning ecology of the European anchovy (*Engraulis encrasicolus*) in the Strait of Sicily: linking variations of zooplankton prey, fish density, growth, and reproduction in an upwelling system. *Progress in Oceanography* 184 102330
2. McBride, R.S.; Somarakis, S.; Fitzhugh, G.R.; Albert, A.; Yaragina, N.A.; Wuenschel, M.J.; Alonso-Fernández, A.; Basilone, G. (2015) Energy acquisition and allocation to egg production in relation to fish reproductive strategies. *Fish Fish.* 2015, 16, 23–57, doi:10.1111/faf.12043.
3. Basilone G., A. Bonanno, B. Patti, S. Mazzola, M. Barra, A. Cuttitta, R. McBride, 2013. Spawning site selection by European anchovy (*Engraulis encrasicolus*) in relation to oceanographic conditions in the Strait of Sicily. *Fish. Oceanogr.* 22(4), 309–323.
4. Bonanno A., Giannoulaki M., Barra M., Basilone G., (...), Mazzola S., 2014. Habitat Selection Response of Small Pelagic Fish in Different Environments. Two Examples from the Oligotrophic Mediterranean Sea. *PLoS ONE* 9(7): e101498.
5. Rumolo P., Bonanno A., Barra M., Fanelli E., Calabrò M., Genovese S., Ferreri R., Mazzola S., Basilone G., 2016. Spatial variations in feeding habits and trophic levels of two small pelagic fish species in the central Mediterranean Sea. *Marine Environmental Research*, 115, 65-77.
6. Basilone G, Ferreri R, Aronica S, Mazzola S, Bonanno A, (...), Barra M. 2021. Reproduction and Sexual Maturity of European Sardine (*Sardina pilchardus*) in the Central Mediterranean Sea. *Front. Mar. Sci.* 8:715846.
7. Basilone, G., Gargano, A., Corriero, A., Zupa, R. , (...), Passantino, L. (2018). Liver melanomacrophage centres and CYP1A expression as response biomarkers to environmental pollution in European anchovy (*Engraulis encrasicolus*) from the western Mediterranean Sea. *Mar. Poll. Bull.* Vol. 131,: 197-204.
8. Basilone, G., Barra, M., Ferreri, R., Mangano, S., Pulizzi, M., Giacalone, G., Fontana, I., (...), Bonanno, A. First annulus formation in the European anchovy; a two-stage approach for robust validation (2020) *Scientific Reports*, 10 (1), art. no. 1079.
9. Brosset P., Fromentin J.M., Van Beveren E., Lloret J., Marques V., Basilone G., Bonanno A., (...), Saraux C. 2017. Spatio-temporal patterns and environmental controls of small pelagic fish body condition from contrasted Mediterranean areas. *Progress in Oceanography* 151, 149–162.
10. Zgozi, S. Barra, M. Basilone, and Aronica, S. and Mazzola, S. (...), and Bonanno, A. (2018). Habitat suitability modelling for a key small pelagic fish species (*Sardinella aurita*) in the central Mediterranean sea. *Hydrobiologia*: Vol. 821, SI: 83-98..

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Palermo, 30.01.2022

Signature