

PERSONAL INFORMATION



Name Anna Perdichizzi

Nationality Italian

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WORK EXPERIENCE

- from 11/02/2019

Project: PLNRDA 2017-2019 – Provv. Prot. n. 0069575/2018 del 19/10/2018 e relativa integrazione e modifica con prot. n. 0069695/2018 del 19/10/2018 Piano di lavoro per la raccolta dati nel settore della pesca e dell’acquacoltura (PLNRDA)
Institute for Marine Biological Resources and Biotechnology (IRBIM), National Research Council (CNR)
- from 15/12/2013 to 15/06/2016

Project: P.O.N. "Ricerca & Competitività" 2007-2013 per le Regioni della convergenza Codice Progetto PON02_00451_3362185 cofinanziato a valere sull’Asse I – sostegno ai mutamenti strutturali; Obiettivo Operativo I.3 “Reti per il Rafforzamento del potenziale scientifico – tecnologico delle regioni della convergenza” – Azione I.3.1: “Distretti ad Alta Tecnologia e relativi reti” dal titolo: “INNOVAQUA” – Innovazione tecnologica a supporto dell’incremento della produttività e della competitività dell’acquacoltura siciliana”, codice identificativo PON02_00451_3362185, codice CUP: B61C12000880005
Institute for the Coastal Marine Environment (IAMC), National Research Council (CNR)
- from 09/09/2012 to 09/09/2013

Project: Cattura e selezione di pesci bioindicatori di contaminazione ambientale; prelievo e trattamento di campioni per la determinazione di alterazioni istopatologiche indotte da interferenti endocrini” nell’ambito dell’accordo di collaborazione scientifica per l’esecuzione della Ricerca finalizzata 2009 con l’Istituto Zooprofilattico sperimentale del Mezzogiorno dal titolo "Food and environmental safety: the problem of the endocrine disruptors - Codice Progetto RF-2009-1536185".
Institute for the Coastal Marine Environment (IAMC), National Research Council (CNR)
- from 01/04/2007 to 31/03/2010

Project: POR Sicilia 2000-2006 SFOP-ASSE IV, MISURA 4.17 SUB-MISURA 4.17b - Valutazione dell’influenza dei contaminanti ambientali sulle risorse biologiche oggetto di pesca commerciale: ipotesi di un modello per la difesa degli ecosistemi marini” e nel Progetto “POR Calabria 2000-2006 SFOP-MISURA 4.21 SUB-MISURA 4.21.f – Indagine esplorativa dei fondali della costa tirrenica calabrese per l’identificazione di areali di pesca batiali per un possibile sfruttamento sostenibile di specie ittiche commerciali”.
Institute for the Coastal Marine Environment (IAMC), National Research Council (CNR)

EDUCATION AND TRAINING

- 2022

Research Scientist at *National Research Council - CNR – IRBIM Institute for Marine Biological Resources and Biotechnology, Messina*
- 2010

Ph.D. in Environmental Science: Marine Environment and Resources
University of Messina
- 2006

Master Degree in Biology and Ecology of the Coastal Marine Environment
University of Messina
- 2004

Degree in Marine Biology
University of Messina

RESEARCH ACTIVITIES

The research activity regards:

- evaluation through direct (trawl surveys) and indirect methods of individual stocks with a significant economic value;
 - spatial-temporal distribution of fishery resources;
 - analysis of the dynamics of marine populations;
 - study of the demography of fish stocks subject to fishing through the analysis of various parameters such as length, body weight and gonads, sex, sexual maturity, age, sex-ratio;
 - analysis of increase (recruitment, growth) factors;
 - analysis of the decrement factors (mortality) of the stocks;
 - study of the selectivity of fishing gear;
 - responsible management of fishery resources;
 - study of the development and maturation of the fishes gonads species of commercial interest that can compromise the normal reproductive cycle.
- A.P. participated to international cruises and research expeditions.

LIST OF SELECTED PUBLICATIONS

Defatted Black Soldier Fly Meal in Diet for Grow-Out Gilthead Seabream (*Sparus aurata* L. 1758): Effects on Growth Performance, Gill Cortisol Level, Digestive Enzyme Activities, and Intestinal Histological Structure (2023).

Gai F., Cusimano G. M., Maricchiolo G., Caccamo L., Caimi C., Macchi E., Meola M., Perdichizzi A., Tartarisco G., Gasco, L.
Aquaculture Research.

Integrated biomarker responses in European seabass *Dicentrarchus labrax* (Linnaeus, 1758) chronically exposed to PVC microplastics (2022).

Pedà C., Romeo T., Panti C., Perdichizzi A., Gai F., Maricchiolo G., Consoli P., Fossi, M. C.
Journal of Hazardous Materials 438, 129488.

Gonadal macrophage aggregates in fish: A preliminary quantitative study in red mullet (2019).

Micale V., Perdichizzi A., Muglia U., Rinelli P., Cosenza A., Mita D.
Journal of Experimental Zoology 331: 357 - 361.

New advances in larval rearing of red scorpionfish, *Scorpaena scrofa* (Linnaeus, 1758) a potential species for aquaculture (2018).

Maricchiolo G., Cusimano M. G., Caccamo L., Lombardo F. Genovese L., Mancuso M., Perdichizzi A., Vassalo-Agius R.
Cahiers de Biologie Marine 59 (1): 31 – 35.

Intestinal alterations in European sea bass *Dicentrarchus labrax* (Linnaeus, 1758) exposed to microplastics: Preliminary results (2016).

Pedà C., Caccamo L., Fossi M.C., Gai F., Andaloro F., Genovese L., Perdichizzi A., Romeo T., Maricchiolo G.
Environmental Pollution 212: 251 – 256.

Is square-mesh better selective than larger mesh? A perspective on the management for Mediterranean trawl fisheries (2015).

Sala A., Lucchetti A., Perdichizzi A., Herrmann B., Rinelli P.
Fisheries Research 161: 182 – 190.

A histological study of ovarian development in the giant red shrimp *Aristaeomorpha foliacea* (Crustacea: Decapoda: Aristeidae) from the Southern Tyrrhenian Sea (WesternMediterranean) (2012).

Perdichizzi A., Pirrera L., Micale V., Muglia U., Rinelli P.
The Scientific World Journal (ISSN):2356-6140 ISSN: 1537-744X (Online)

Distribution patterns and population structure of *Illex coindetii* (Cephalopoda: Ommastrephidae) in the Southern Tyrrhenian Sea: Historical series of 14 years trawl survey (2011).

Perdichizzi A., Pirrera L., Giordano D., Busalacchi B., Perdichizzi F., Profeta A., Bottari T., Rinelli P.
Fisheries Research 109: 342 - 350