

Adriana Giangrande
Curriculum vitae

1955, March 9th, born in Rome, Italy,
1972, Maturity at the "Via Ripetta" Art School in Rome
1978 Bachelor in Biological Sciences at the University of Rome "La Sapienza".
(Summa cum laude)
1978-1980, Collaborations with the Institute of Ecology and Animal Ethology of
the University of Rome, and the Central Laboratory of Hydrobiology of Rome
(Ministry Agriculture and Forests).
1980-1983, Collaboration with the Benthos Ecology Laboratory of Ischia
(Stazione Zoologica di Napoli)
1983 Scholarship of the Ministry of Foreign Affairs, at the Zoological Institute of
the University of Wien.
1983-1987, PhD in Environmental Sciences (Marine Sciences) at the
Department of Environmental and Land Sciences of the University of Pisa
1989 Researcher at the Department of Biology - University of Lecce
1989-Scholarship at the Friday Harbor Laboratories (University of Seattle-WA),
University of Washington
1998 Professor, chair of Zoology at the Department of Biological and
Environmental Sciences -Salento University (Italy)
2012 National Scientific Habilitation at full professor

TEACHING ACTIVITY

Decades of experience in the organization of basic University Courses of
Zoology for Biological Sciences, and of courses for Specialistic degrees (Marine
Biology, Parasitology, Symbiosis, Community ecology), and Magisterial English
degrees (Coastal Marine Biology and Ecology) as well as courses within the
PhD in Fundamental Ecology, and "Ecology and climatic changes" at the
University of Salento. where she has been the tutor of several PhD
dissertations.

Her teaching skills are recognized by a good evaluation by the students also
confirmed by the numerous requests for theses and internships.

As part of her teaching she has contributed to the creation of numerous
teaching aids:

- Translation of the textbook of zoology "Living Invertebrates", Pearse &
Buchsbaum. Zanichelli
- Realization of the website www.zoologico.it iconographic sources of practical
classes and lectures –
- Realization of the textbook "Symbiosis: associations and interactions among
organisms" UTET UNIVERSITY '
- Realization of the textbook: "biological evolution Paradigms" ARACNE

PUBLISHING,

- Contribution to the realizations of textbooks of Zoology part I and Part II
Idelson Gnocchi, for the basic Zoological course.

She also organized international courses and has been invited to hold national
and international specialized courses in particular within the taxonomy of
polychaete annelids

1994, Teacher and organizer of the international course "Polychaete autoecology: evolutionary trends and adaptive significance of life-history traits", at the Zoological Station of Naples.

2002 Teacher and organizer of the International Course: "Polychaetes as Biological and Ecological models, from taxonomy to applied research" at the DiSTeBA University of Salento, with the collaboration of the Stazione Zoologica of Naples and the Conisma.

2003 Teacher and organizer of the International Course "Cladistics" at the DiSTeBA University of Salento

2012 Teacher at the European Marine Invertebrate Taxonomy Training Network - "MarTax" Marine Ecological Surveys Ltd Bath U.K.

2012 Teacher at the "Schmid Training Course at Roscoff (May 2012)

2014 Teacher at the international course on Taxonomy NMBAQc Taxonomic workshop Newcastle U.K.

SCIENTIFIC ACTIVITY:

Author of more than 200 scientific papers. H index 26, total citations 2824 (Scopus); H index 34, total citations and 4704 (Google scholar)

Since the beginning of her studies, she was interested in the various aspects of the biology of marine invertebrates, developing his skills through several study trips and specialized courses (1989, Study trip at the School of Biological Sciences, University College of Swansea, 1989 Course at Friday Harbor Laboratory-University of Washington) especially concerning the Annelida Polychaeta biology, to get to become one of the recognized experts at national and international levels

Specialist of this group, she worked in the context of the program "Fauna dei policheti del Mediterraneo" in collaboration with other experts, with whom he participated in the drafting of the Italian coastline checklist and is currently one of the few recognized specialists in world level in the taxonomy of the Sabellidae family

She is head of a research team at the Department of Science and Biological and Environmental Technology – Salento University - working on the study of the polychaeta annelids role within marine benthic communities and their use in biodiversity and monitoring researchers, through numerous collaborations with various national and international Universities and Research Institutes.

She has participated in numerous national and international conferences also as invited speaker, and collaborate to the organization of some National Conference for the UZI (unione Zoologica Italiana). She also organized the 10th INTERNATIONAL POLYCHAETE CONFERENCE held in LECCE, ITALY from JUNE 20th to 26th, 2010 sponsored by the International Polychaete Association, and hosted by the University of Salento (DiSTeBA Department, Lecce) with the realization of the Proceeding published by the Italian Journal of Zoology

1999- Independent researcher at the Friday Harbor Laboratories University of Washington for the study of reproduction of some species of Sabellidae

1999- Participation to the Prin program "Biodiversità e interazioni nelle

comunità marine

2000- Collaboration to the Antarctic Research Program (PNRA) within the Operative Unit coordinated by Zoological Station of Naples (Benthos Ecology Laboratory).

2000 - Member of the research Unit of PRISMA II PROJECT, University of Salento and member of the Research Unit of the Project "Forme di resistenza di organismi acquatici e gestione dei bacini utilizzati per l'acquacoltura" funded by MIRAAF;

Participation to the European Community Initiative Program INTERREG II Italy-Greece "Marine Coastal Systems Quality and proposal for Marine Areas Locations" and INTERREG II Italy-Albania - Axis 3- Environment "Project for a monitoring web in the South Adriatic Marine Waters". Head of a research team, as Annelida Polychaetes specialist, within the project "Marine Biodiversity Analysis in the Otranto Channel Italian Side";

2002- Participation to the Prin program "Influenza degli effetti antropici nei popolamenti di substrato duro.

2005- Participation to FIRB project "Biodiversity and taxonomy of Annelida Polychaeta"

2005- Participation to an expedition to Carrie Bow (Belize) financed by the Smithsonian Institution, for the collection and study of the tropical fauna of the area

2006- Collaboration to the program "Reducing the impact of the marine ornamental trade: propagation of fan worms by regeneration" University of Portsmouth UK Prof. Gordon J Watson

2009- Coordinator of the macrozoobenthos sector at the Mediterranean level within the European Water Framework Directive of the implementation of the Water Framework Directive (WFD2000 / 60 / EC), of the scientific commission for ISPRA for the connection with the experts of the Mediterranean Member States, for each Element of Biological Quality (Angiosperms, Phytoplankton, Macroalgae, benthic macroinvertebrates)

2009- Participation to the SOAP Workshop (Southern Ocean Annelid Project) at the Woods Hole Laboratories

2011- Participation to the PRIN: Geni e molecole dell'immunità degli invertebrati

2014- Participation to the Project FEP 39/opi/010 Bioremediation in polyculture of confined environments Biorimediazione European funds for fishery 2007-2013.

COORDINATED PROJECTS

1) MIPA Project (5 c 181 V three-year plan) thematic c (aquaculture) Bioremediation of wastewater and sediment. Funding Ministry of Agriculture and Forestry Policies Duration 3 years: June 2000-June 2003. EURO 50.000 Project coordinator

2) "Identification of Alien species in the Mediterranean" project Coordinated by ISPRA ex ICRAM Duration 2001-2004, EURO 15,000 Responsible for the Unisalento URL

3) POINT Project Policulture activity Integrated to Milticulture. Pilot Project in the Seas of Taranto Funding "POR Puglia 2000-2006 of the Puglia Region Axis

IV - Local Development Systems, Measure 4.13. Duration 3 years: 2002-2005
Total EURO 280.600. Operational Unit EURO 90.767.

Responsible for the Unisalento URL

4) MIPA Project VI three-year plan of fisheries and aquaculture in marine and brackish thematic waters c (sub-thematic aquaculture c4 c5 c6 e1 e4)

Bioremediation in integrated polyculture off and in-shore sottoprogetto:

"realization of an offshore production system of integrated biomass and self-purifying: Annelida polychaetes and algae. Ministry of Agriculture and Forestry Funding. Duration 3 years: June 2002-June 2005. Total EURO 380,000.

Operating Unit EURO 70,000

Responsible for the Unisalento URL

5) BIOIMPACT Project Pilot project for the diversification of productions in mariculture and reduction of environmental impact Funding of the Puglia Region (POR). Duration 2 years 2003- 2005 2005 Total EURO 200,000.

Operating Unit EURO 30,000

Responsible for the Unisalento URL

6) ACTIBIOMAR Project "Extraction of active ingredients from marine biomasses and their potential use in pharmaceuticals and dietetics Framework Program Agreement on the subject of Scientific Research in the Puglia Region - Strategic Projects Financing of the Puglia Region. Duration 3 years: 2006-2009 EURO 855,384.50.

Project Coordinator

7) Project FEP 39 / opi / 010 2012-2014 Biorimediazione in polyculture activities in environments confined by filtering invertebrates. European Fisheries Fund 2007-2013. Duarte 2012-2014 EURO 40,000

Responsible for the Unisalento URL

8) 2012-2015 RITMARE Experimentation aimed at the formulation of innovative and eco-sustainable feeds Preparation of innovative methodologies for the breeding of marine organisms SP2_WP4_AZ4_U002_D01. Duration 2012-2014 EURO 66,000

Responsible for the Unisalento URL

9) MARINE STRATEGY 2012-2013 Participation in the update of the dataset of non-indigenous species relative to Polychaetes and Cnidaria in the three subregions (Western Mediterranean, Central Mediterranean and Ionian, Adriatic Sea), relevant in MSFD for the purpose of compiling the "Non indigenous species inventory "and the distribution and intensity of non-indigenous species in the environment; 30,000 euros

10) ENTREFISH PROJECT (EMS) (reD 2017-2019rs EURO 57.949,00

Responsible for the Unisalento URL

11) PROJECT LIFE16 ENV/IT/000343 REmediation of Marine Environment and Development of Innovative Aquaculture: exploitation of edible/not edible biomass. Duration 2017-2021. EURO 2,476,304

Project Coordinator.

Adriano Faugrande