



## Paola Francesca Rivaro

Associate professor

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### *Education and training*

1996

#### **Ph.D. in Marine Sciences**

University of Genova and University of Parma

1989

#### **Master Degree in Biological Sciences**

110/110 cum laude

Università di Genova

### *Academic experience*

2014 - ONGOING

#### **Associate Professor**

Università di Genova

2001 - 2014

#### **Full time Researcher**

Università di Genova

1998 - 2000

#### **Post doctoral fellow**

Università di Genova

1996 - 1998

#### **Post doctoral fellow**

Consorzio Interuniversitario per le Scienze del Mare (CoNISMa)

### *Language skills*

#### **Italian**

Mother tongue

#### **English**

Independent

#### **French**

Basic

### *Teaching activity*

Associate professor of Chemical Oceanography at the Department of Chemistry and Industrial Chemistry, Genoa University, where she currently teaches Chemical Oceanography (master degree in Marine Sciences and in Chemistry), Environmental Analytical Chemistry (master degree in Biology).

-Tutor of several degree thesis in Marine Sciences, Chemistry and Biological Sciences.

## ***Postgraduate research and teaching activity***

### **Supervision of PhD students, residents and post-doctoral fellows**

- Teaching activities for National and International Master and Schools Specializations
- Member of the Academic Board of the PhD 'Polar Sciences' University of Siena.
- Tutor of two of Ph.D. thesis in Polar Sciences.

## ***Research interests***

Since 1991 P.F. Rivaro carried out studies on Chemical Oceanography and Analytical Chemistry, mainly in the Ross Sea and in the Mediterranean sea. In the framework of several research projects she visited and did research activities at the Plymouth Marine Laboratory, Plymouth, U.K.; Liverpool University, Liverpool, U.K. and at Lamont - Doherty Earth Observatory – Columbia University New York, U.S.A.

The research activities are focused on:

a) studies on the distribution of trace elements, CFCs, dissolved oxygen, nutrients, inorganic carbon system in relation to physical and biological properties of the water column both in Mediterranean and in Polar Regions.

1. b) Studies on the ventilation and the acidification of the Ross Sea in relation to the climate change;

The research activity is summarized 60 publications as author or co-author, 8 contributions to volumes and in more than 90 presentations at national and international meetings and workshops. In 2003 Felice Ippolito research price in marine sciences awarded by PNRA and Accademia dei Lincei.

Since 1994 she has done research under the Programma Nazionale di Ricerca in Antartide (PNRA) taking part in:

ROSSMIZE Project -2d2- (1994 - partecipant),

CLIMA Project 2b.2.1- 8.1 (1998-2001-2003-2006 - partecipant),

T Rex Project (2011- Responsible of Chemical oceanography Research Unit),

RoME An2.04 (2013- Responsible of Chemical oceanography Research Unit)

CELEBeR An16\_207 (2016- Principal Investigator)

and she also took part in 7 cruises in the Ross Sea:

2016-17 XXXII Italian Antarctic Expedition - CELEBeR Project (Responsible of the Project on board)

2015-16 XXXI Italian Antarctic Expedition - RoME Project (Responsible of the Project on board)

2013-14 XIXX Italian Antarctic Expedition - RoME Project (Responsible of the Project on board)

2005-06 XXI Italian Antarctic Expedition - CLIMA Project (Responsible of

Chemical oceanography R.U.)

2002-03 XVIII Italian Antarctic Expedition - CLIMA Project (Responsible of Chemical oceanography R.U.)

2000-01 XVI Italian Antarctic Expedition - CLIMA Project (Responsible of Chemical oceanography – Tracers R. U.)

1997-98 Italian Antarctic Expedition - CLIMA Project-II Leg (Responsible of Chemical oceanography R. U.)

1994-95 X Italian Antarctic Expedition - ROSSMIZE Project (partecipant)

### ***Other professional activities***

Vice Director of the Department of Chemistry and Industrial Chemistry.