

## PERSONAL INFORMATION

## Giusy Fedele

 gfedele@inogs.it Skype giusy-fedele-91

Date of birth 12/12/1991 | Nationality Italian

## WORK EXPERIENCE

01/03/2020–Present

**Junior Researcher (OCE division)**

National Institute of Oceanography and Applied Geophysics OGS, Trieste (Italy)

09/2019–02/2020

**Scientific collaborator (ODA division)**

Euro-Mediterranean Center for Climate Change - CMCC, Bologna (Italy)

## EDUCATION AND TRAINING

09/2016–03/2020

**Master in Science and Management of Climate Change, Dynamic Climatology.**

Cà Foscari University of Venice, Venice (Italy)

09/2016–02/03/2020

**PhD degree cum laude in Science and Management of Climate Change**

Cà Foscari University of Venice, Venice (Italy)

Physical Oceanographer

2014–2016

**Master's Degree in Science and Technology of Navigation - 110/110 cum laude**

Parthenope University of Naples, Naples (Italy)

Physical Oceanography

Ocean Modelling

Climatology

2010–2013

**Bachelor's Degree in Nautical and Aeronautical Sciences (Meteorology and Oceanography) - 110/110 cum laude**

Parthenope University of Naples, Naples (Italy)

Meteorology

Physical Oceanography

01/2016–02/2016

**CMCC Internship**

Euro-Mediterranean Center on Climate Change (CMCC), Bologna (Italy)

Ocean modelling

Data Analysis

- 28/10/2014–01/11/2014 **Oceanographic Cruise in the Adriatic Sea**  
ISPRA (Italy)
  
- 02/07/2014–04/07/2014 **Oceanographic Cruise in the Adriatic Sea**  
ISPRA (Italy)
  
- 10/2018–03/2019 **Internship at the Institut des Géosciences de l'Environnement (IGE)**  
Institut des Géosciences de l'Environnement (IGE), Grenoble (France)

**PERSONAL SKILLS**

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
[Common European Framework of Reference for Languages - Self-assessment grid](#)

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

- Linux (high level)
- Python (high level)
- Matlab (high level)
- Fortran (basic level)
- Office Package (high level)

Driving licence B

**ADDITIONAL INFORMATION**

- Courses**
  - Physics of the Ocean Summer School 2017. Bad Honnef, 09-14 July.
  - Climate Modelling Summer School 2017-NCAS. Cambridge, 10-22 September.
  - COST-Eumetsat training school 2018 on "Copernicus Marine Data in Ocean Models and Operational Applications". Hamburg, 05-09 February.
  - Diva Workshop 2020. Bologna, 27-30 January.
  
- Conferences**
  - WORKSHOP THEMES 2018 – Oceanic and atmospheric variability, from long-term trends to abrupt

shifts - Venice

DRAKKAR Workshop 2019 - Grenoble

EGU General Assembly 2019 - Wien

WORKSHOP THEMES 2019 – Monitoring, modelling and predicting our changing ocean and atmosphere: concepts, methods, applications and opportunities - Venice

DRAKKAR Workshop 2020 - Grenoble

EGU General Assembly 2020 - Wien

**Seminars** 27/09/2018 - ANALYSIS OF THE KUROSHIO EXTENSION DECADAL VARIABILITY: Internal Mechanisms and External Forcings, CMCC, Bologna.

**Honours and awards**

- Paolo Iannotti University Award 2015: Special Award "Excellent Graduates" Naples, 19/06/2015.
- Winner of the PlayEnergy competition organized by Piero Gnudi (the president of Enel on 02/24/2010) for the best scientific thesis on the theme << Water ... a precious good >>.

**Publications**

G. Fedele et al., 2019. Decadal variability of the Kuroshio Extension: The response of the jet to increased atmospheric resolution in a coupled ocean-atmosphere model (under review).

G. Fedele et al., 2020a. Interannual-to-decadal variability of the Kuroshio Extension: Analyzing an ensemble of global hindcasts from a Dynamical System viewpoint (in preparation).

G. Fedele et al., 2020b. The Kuroshio Extension low frequency variability: Investigating the sources of the associated predictability in an ensemble of global hindcasts (in preparation).

A. Bellucci et al., 2020. Air-Sea interaction over the Gulf Stream in an ensemble of HighResMIP present climate simulations (in preparation).