RITA LECCI

Oceanographer

PERSONAL INFORMATION

Italian

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ABOUT ME

With over a decade of experience in operational oceanography, I am a dynamic and experienced professional known for my proactive approach. At CMCC, my responsibilities include overseeing the maintenance and development of operational chains, managing data, ensuring smooth delivery, and facilitating effective visualization processes. My expertise extends to developing services that enhance the adoption of operational products within a wide array of communities, spanning from coast guards to private companies.

Publications

WORK EXPERIENCE

2012 – Ongoing – Lecce, Italy

Lead Scientist of « Service and Operations » Research Unit
ROFS – Regional Ocean Forecasting Systems Division (2024 – ongoing)
OPA – Ocean Predictions and Applications Division (2012 – 2023)

Fondazione CMCC, Lecce, Italy

- <u>2022 – Ongoing</u>
  - o CMCC Scientific Responsible of
    - fishRISE PON Project
    - ECMWF DestinE 350 Project
- <u>2021 – Ongoing</u>
  - o Technical Representative of the service delivered to Frontex
- <u>2017 – Ongoing</u>
  - o Operations Responsible of the service delivered to ENI
- <u>2016 – Ongoing</u>
  - o Service Manager of the Mediterranean Sea and Black Sea Monitoring Forecasting Centers (MFC) in the frame of Copernicus Marine Service
- <u>2016 – 2023</u>
  - o CMCC Scientific Responsible for the projects
    - Blue4all Horizon Europe (2023)
    - CASCADE Interreg (2022–2023)
    - EMODnet Physics (2021–2023)
    - BlueCloud H2020 (2020–2023)
    - EMOD-PACE (2020–2022)
    - AMAre Interreg (2016–2019)
    - EMODnet MedSea Checkpoint (2016–2017)

2020 – 2023 – Lecce, Italy

Deputy Director of OPA Division
OPA – Ocean Predictions and Applications Division
Fondazione CMCC, Lecce, Italy

EDUCATION AND TRAINING

2012 – Venice, Italy

PhD in Science and Management of Climate Change
Thesis : The Atlantic Thermohaline Circulation in extreme climates
Ca' Foscari University, Venice, Italy

2006 – Bologna, Italy

MSc in Marine Environmental Science and Oceanography
Alma Mater Studiorum, University of Bologna, Italy

2003 – Bologna, Italy

BSc in Environmental Science
Alma Mater Studiorum, University of Bologna, Italy

PERSONAL SKILLS

MOTHER TONGUE : Italian

OTHER LANGUAGE : English (fluent)

Soft Skills

Leadership / Communication / Emotional Intelligence / Adaptability / Collaboration / Conflict Resolution / Networking / Time Management

Hard Skills

Project Management / Data Analysis / Technology Proficiency / Quality Assurance Crisis Management / Service Management

Technical Skills

- Good knowledge of numerical modeling (e.g. NEMO, WRF)
- Working on HPC Linux cluster
- Data transfer and processing
  - SSH, FTP, Ncftp, rsync, curl, wgrib, CDO, NCO
- Programming languages for data analysis and visualization
  - Matlab, Python, Fortran, LaTeX, Ferrell, NCL, GrADS, PyNGL, Bash shell
- Operating Systems
  - Apple OSX, Linux, MSWindows

Other Activities

- Member of the Marine Assessment working group of Commissione Oceanografica Italiana (COI) and the Knowledge Hub on Sea Level Rise TG1
- Lecturer in « Applications and Services in Operational Oceanography », University of Malta, MS in Applied Oceanography (2014 – 2018)
- Participant in several oceanographic research cruises to collect and analyze marine observational data
- Co-tutor of the following thesis :
  - « Studio dell'innalzamento del livello marino nella regione del Sud-Est Asiatico tramite dati da satellite » (A. Stoppelli, 2020), BSc in Physics, Alma Mater Studiorum, University of Bologna, Italy
  - « Indicatore di qualità dell'onda per il surf : un approccio metodologico » (G. Lucidi, 2016), BSc in Environmental Science, Alma Mater Studiorum, University of Bologna, Italy
  - « Studio su indicatori ambientali nel Mar Adriatico » (F. Castorini, 2013), OTTIMA project, Lecce, Italy

Other Interests

Traveling / Photography / Swimming / Diving