

# Chiara Cisco

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## Work history

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### Researcher

**May 2024 – Ongoing**

CMCC – Euro-Mediterranean Center on Climate Change

Bologna, Italy

- Response of the **E**arth **S**ystem to overshoot, **C**limate ne**U**trality and negative **E**missions - **RESCUE**
- **U**pscaling/Upskilling decarbonization **P**athways **T**o **A**ccount for the latest **K**nowledge about CDR methods and the **E**nablers of their deployment - **UPTAKE**

## Education

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### MSc thesis

**Nov. 2022 – Jun. 2023**

GEOMAR Helmholtz Centre for Ocean Research - **OCEANNETS**

Kiel, Germany

- Analysing the impacts of Ocean Alkalinity Enhancement in European Waters
- NetCDF manipulation, data analysis and visualisation
- Supervised by Dr. David P. Keller and Prof. Dr. Ronald Hutjes

### MSc in Climate Studies

**Sep. 2021 – Oct. 2023**

Wageningen University

Wageningen, The Netherlands

- Specialisation in Human-Environment interaction

### MSc in International Conflict and Cooperation

**Sep. 2020 – Aug. 2021**

Stirling University

Stirling, Scotland

### Erasmus project

**Sep. 2018 – Jan. 2019**

Tallinn University of Technology

Tallinn, Estonia

### BSc in International Relations

**Sep. 2016 – Jul. 2019**

University of Trento

Trento, Italy

## Relevant Coursework

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- Agroforestry
- Earth and Ecosystems
- International Law
- Modelling Water Stress
- Conservation Agriculture
- Integrated Water Mgmt
- Marine Systems
- Political Economy

## Experience

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### OsservatorioArtico

**Nov. 2023 – ongoing**

Climate Analyst

Remote

- Documenting and writing scientific analyses on climate change in the Arctic region

### GEOMAR Helmholtz Centre for Ocean Research

**Jun. 2023 – Oct. 2023**

Intern

Kiel, Germany

- Running simulations using an Earth System Model of intermediate complexity

- Establishing earth system feedbacks

## **IMBeR8 Summer School**

**Jun. 19th – 24th 2023**

*Participant*

*Koper, Slovenia*

- Comprehensive examination of ocean-related topics, encompassing physical, biogeochemical, ecological, economic, social, and climate change themes

## **Design of Climate Change Strategies**

**Spring 2022**

*Academic Consultancy Training - **LANDMARC***

*Wageningen, The Netherlands*

- Climate Risk Assessment Tool for Land-based Mitigation Technologies in Spain
- Building of an interactive, user-friendly guidance tool with Artivive and Lucid chart to showcase results

## **Skills**

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**Languages:** Italian (native); English (C1); Spanish (B1); French (A2)

**Softwares:** Python (xarray, pandas, cartopy, netCDF4);  $\LaTeX$ ; MS-Office; QGIS (beginner)

## **Publications**

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**Ciscato, C.**, Keller, D. P. : *Impacts of Ocean Alkalinity Enhancement on the Seasonal Cycle of CO<sub>2</sub> Flux and Ocean pCO<sub>2</sub>* - IN PREPARATION

Updated June 26, 2024