



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Samuele Casagrande**
E-mail samuele.casagrande@cmcc.it
Date of birth 18/09/1999

Work experience

Dates 04/11/2024 – ongoing

Occupation or position held **Junior Researcher - Risk Analyst**

Main activities and responsibilities Myriad-EU project: supporting the development of a machine learning model for multi-risk climate change assessment and integrating exposure and vulnerability layers for the Veneto Pilot application.
AGILE project: developing a machine learning approach for classifying HILP events, designing a 3-level agnostic stress test methodology focused on cascading and compounding risks, conducting literature reviews, applying the methodology to case studies in Italy and Iceland, and supporting dissemination and communication activities.

Name and address of employer CMCC Foundation, [Via della Libertà, 12, 30121 Venezia VE](#)

Type of business or sector Centre for the integrated study of climate change issues.

Dates 27/11/2023 – 01/03/2024

Occupation or position held **Intern – Master's student**

Main activities and responsibilities Reviewed data and methodologies on land use change and water quality risk assessment, analyzed spatio-temporal data on environmental factors and water quality, and assisted in the creation of reports, research papers, and a final presentation.

Name and address of employer CMCC Foundation, [Via della Libertà, 12, 30121 Venezia VE](#)

Type of business or sector Center for the integrated study of climate change issues.

Dates 03/2021 – 05/2021

Occupation or position held **Intern – Animal Keeper**

Main activities and responsibilities Curricular internship; cleaning indoor and outdoor habitats, habitat maintenance, diet preparation and feeding, animal training, veterinary assistance, and behavioral observation.

Name and address of employer Zoom in Progress S.R.L., Strada Piscina, 36, 10040, Cumiana (TO)

Dates 12/2018 – 02/2019

Occupation or position held **Volunteer – Animal Shelter Worker**

Main activities and responsibilities Volunteer program for the preservation of local wildlife and the restoration of highly polluted natural areas

Name and address of employer ICareForAnimals UPNVY - AIESEC Yogyakarta, Indonesia

Education and training

CA' FOSCARI UNIVERSITY OF VENICE

Joint International Master's Degree in Sustainable Development

Curriculum in 'Global Change and Sustainability'

09/2022 – 10/2024

Final grade: 110/110 with honors

Erasmus+ at KARL-FRANZENS UNIVERSITY OF GRAZ

Joint International Master's Degree in Sustainable Development

Curriculum in 'Innovation and Transition Management'

02/2023 – 07/2023

UNIVERSITY OF TURIN

Bachelor's Degree in Natural Science

09/2018 – 10/2021

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s) **English**

IELTS certificate - British Council, 02/02/2022 – European level: C1

Soft skills Elevated adaptability and a willingness to step out of one's comfort zone.

Excellent interpersonal communication skills, honed through various customerfacing roles and volunteer experiences.

Strong perseverance and a clear focus on achieving both personal and professional goals

Computer skills and competences Microsoft Office, RStudio, QGIS

Driving licence B driving licence

Additional information Conference papers:

- Rufo, O. J. M., Casagrande, S., Pham, V., & Critto, A. (2024). A comprehensive analysis of land use and climate change impacts on water quality in Italian river basins (No. EGU24- 9619). Copernicus Meetings.
- Furlanetto J., Ngoc Nguyen D., Rufo O., Vogt M., Casagrande S., Pham H. V., Sperotto A., Torresan S., Critto A., "Multi-Risk Dynamics of Water Quality under Climate Change and Anthropogenic Pressures: An AI Approach Across Spatial Scales" 5th International Workshop on High Temporal Resolution Water Quality Monitoring and Analysis. The James

Experiences abroad:

- Karl-Franzens-Universität Graz
Language: English
Period: Feb 2022 - Jul 2022
Location: Graz, Austria
- ICareForAnimals UPNVY - AIESEC
- Language: English
- Period: Dic 2019 - Feb 2020
- Location: Yogyakarta (INDONESIA)

Other work experiences unrelated to my academic path:

- Waiter: Artom S.R.L (Mar 2022 - Aug 2022)
- Cashier: Supermercati Pam (Jun 2021 - Feb 2022)
- Food Production Operator: McDonald's (Aug 2019 - Dec 2019)

Last updated on Jan 2025