

IGNACIO SALDIVIA GONZATTI

 ignaciosg.com  isldvgztt  isaldiviagonzatti

EDUCATION

PhD in Climate Research

Wageningen University

March 2024 – Ongoing
Wageningen, The Netherlands

- Supervised by Dr. Hester Biemans and Dr. Spyros Paparrizos
- Candidate at the Wageningen Institute for Environment and Climate Research

Master of Science in Climate Studies

Wageningen University

Sep. 2021 – July 2023
Wageningen, The Netherlands

- Specialisation: Climate, Society and Economics.
- Thesis: Study of the State of Pineapple Leaves Valorisation in the Context of Circular Bioeconomy in Costa Rica.
- Relevant courses: Earth and Ecosystems, Climate Smart Agriculture, Ecological Modelling, Environmental Economics.

Bachelor of Science in Economics

Complutense University

Sep. 2015 – May 2021
Madrid, Spain

- Specialisation: World Economics.
- Thesis: Factors Influencing the Rate of Sorted Solid Waste Collection: An Empirical Analysis in Catalanian Municipalities. *With Honours and published in a peer-reviewed journal.*
- Relevant courses: Mathematics, Statistics, Econometrics, Development Economics, Advanced Macroeconomics.

EXPERIENCE

Wageningen University

PhD Researcher

March 2024 – Ongoing
Wageningen, The Netherlands

- Project: Foodshed Climate Services for Sustainable Development in Sub-Saharan Africa (SAFE4ALL).

Kiel Institute for the World Economy (IfW Kiel)

Research Intern

February 2023 - September 2023
Kiel, Germany

- Supervised by Dr. Wilfried Rickels at the Global Commons and Climate Policy group.
- Worked on a scientific paper assessing European progress toward SDG 14 - Life Below Water. Conducted literature review, data collection, statistical analysis, and data visualization.
- Contributed to advancing a theoretical model for an ocean-based Carbon Dioxide Removal incentive scheme. The project involved the integration of economic principles and ocean carbon cycle dynamics. The paper is a work in progress.

Open Science Community Wageningen

Research Analyst

September 2022 - September 2023
Wageningen, The Netherlands

- Led a survey initiative targeting university staff to assess perceptions and adoption of open science principles and practices. Responsibilities included survey design, data analysis and report writing. The report highlighted the need for further training and support to promote specific open science practices.
- In charge of website maintenance and redesign project. Used Hugo, Markdown, HTML, and CSS to enhance the site's functionality, aesthetics, and user experience. The new website was launched in September 2023.

Wageningen University

Fieldwork at the Environmental Economics and Natural Resources Group

June 2022 - September 2022
Pital, Costa Rica

- Supervised by Dr. Francisco Alpizar
- Conducted in-depth interviews with over 15 stakeholders to gather insights into circular economy practices.
- Implemented a Fuzzy Cognitive Map and successfully translated interview data into actionable recommendations for addressing environmental issues.
- Applied a Supply Chain Optimisation model using Python, enabling efficient allocation of biomass processing plants within the pineapple supply chain.

PROJECTS

Academic Consultancy Training

March 2022 - May 2022

Climate Adaptation Services

Wageningen, The Netherlands

- Collaborated as a member of a six-student team to deliver a three-month, full-time consultancy project.
- This research effort included data collection, analysis of policy frameworks, and the synthesis of findings into actionable insights.
- Our report included a set of recommendations and best practices on how to implement a monitoring framework for climate adaptation.

PUBLICATIONS

Rischer, C., **Saldivia Gonzatti, I.**, Friess, D. A., Grasse, P., Keller, D., Krause, J. R., Lück, S., MacPherson, C., McHenry, J., Merk, C., Troxler, T., Voss, R., & Rickels, W. (2026). An ecosystem of carbon dioxide removal reviews – part 2: CO₂ removal via blue carbon ecosystems. *Energy & Environmental Science*, 19(12), 3719-3755. 10.1039/d5ee04922a

Saldivia Gonzatti, I., Smolenaars, W., Siderius, C., Biemans, H., & Paparrizos, S. (2026). Contextualising seasonal forecasts to accelerate their uptake for agricultural decision-making. *Environmental Research Letters*, 21(1), 011001. 10.1088/1748-9326/ae2a52

Spenger, C., **Saldivia Gonzatti, I.**, Kröger, L., Fleet, C. R., Voss, R., & Rickels, W. (2024). Strong versus weak sustainable development in the blue economy: a study of 15 EU coastal countries. *npj Ocean Sustainability*, 3(1), 48. 10.1038/s44183-024-00082-6

Saldivia Gonzatti, I., Jannes, G., & Barreal, J. (2022). Factors influencing the rate of sorted solid waste collection: An empirical analysis towards local management in Catalonia (NE Spain). *Cities*, 131, 104038. 10.1016/j.cities.2022.104038

OTHER PUBLICATIONS

Saldivia Gonzatti, I. & Rickels, W. (2025). Balancing ocean health and economic growth: The role of sustainability metrics in the EU. *VoxEU, Centre for Economic Policy Research*. Read article.

TECHNICAL SKILLS

Data Analysis: **Python** Pandas, NumPy, SciPy, statsmodels, Xarray, netcdf4 | **R** dplyr, tidyr –
Data Visualization: **Python** Plotly, Matplotlib, Seaborn | **R** ggplot2, Shiny | **ArcGIS** StoryMaps –
GIS: **Python** GeoPandas, Fiona, Shapely, OSMnx, Folium – Version Control: **Git** –
Document Preparation: **LaTeX** – Office Suite: **MS-Office, LibreOffice** – **Operating Systems:** Linux, Windows

LANGUAGES

Spanish: Native Speaker. **English:** Proficient (C1). **German:** Elementary (A2).

Updated August 17, 2026