

## CONTACT

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## EDUCATION

2016 - 2021  
UNIVERSITY OF GDAŃSK

- PhD in Earth Science  
(Atmospheric Science)

2013-2015  
UNIVERSITY OF GDAŃSK

- MS in Oceanography

2010-2013  
UNIVERSITY OF GDAŃSK

- BS in oceanography

## SKILLS

- **Programming:** Python, MatLab
- **Numerical Modelling:**  
experience in working with  
WRF model, CESM, AROME
- **Computer Skills:** HPC,  
Linux/Ubuntu, Microsoft  
Office, Lagranto, Latex
- **Other:** Geospatial analysis  
ArcGis, QGIS; Licensed UAV  
operator (BVLOS, VLOS)

## CERTIFICATES

- Certified Expert in ESG &  
Impact Investing

## LANGUAGES

- Polish (mother tongue)
- English (proficient)
- German (basic)

# DR. MARTA WENTA

## ATMOSPHERIC SCIENTIST



For more about my me:  
visit my webpage.

## PROFILE

I'm an atmospheric scientist with a deep background in meteorology and climate. Beyond academia, I also have substantial experience in the private sector as environment advisor and project manager. I played a pivotal role in the development of the SeaData startup, where I could apply my knowledge into development of tools used currently by polish ports for environmental monitoring.

## WORK EXPERIENCE

**AXPO** 2024-PRESENT

Energy Meteorologist

Energy meteorologist providing real-time weather analysis and forecasts to support energy trading decisions and optimize market strategies.

**Karlsruhe Institute of Technology** 2021 - 2024

Postdoctoral Researcher

Postdoctoral researcher employed in the GULFimPact project, focusing on the "The role of coherent air streams in shaping the Gulf stream's impact on the large-scale extratropical circulation".

**SeaData Gdynia** 2017-2024

Product Manager&Data Scientist

- Responsibilities:
  - **Product Manager** for YetiSense/CORAL system.
  - **Lead Designer of a risk assessment tool:** Prediction of dusting risks from bulk cargo operations and assessment of potential threats due to air pollution.
  - **Co-Designer of CORAL system:** Developed an environmental monitoring system tailored for industrial enterprises.
- Additional activities:
  - **Project Manager** of CORAL consortium, international project of SeaData, BGEO (Spain) and WaterRobotics(France) funded by GALATEA (HORIZON2020)
  - **Author and co-author** of several successful funding proposals: Space3ac acceleration program, GALATEA, LifeScience(GPNT,Poland).

**University of Colorado** 2019 and 2021

Researcher (internship)

Fellowship focusing on the study of the atmospheric boundary layer over TerraNova Bay Polynya and air mass transformations due to katabatic wind events based on UAV observations. Results published in Wenta and Cassano(2020).

**White Rabbit Gdynia** 2015-2016

Manager

- Responsible for customer service and studio management.

## REFERENCE

Agnieszka Herman: OCEAGAH@GMAIL.COM

Christian Grams: CHRISTIAN.GRAMS@METEOSWISS.CH

Rafał Wolak: RWOLAK@SEADATA.PL