Laura Detjen

CONTACT

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EDUCATION

since 08/2024 **Ph.D. student in Atmospheric Science**
Project: Convection permitting regional climate modeling of meteorological extremes
within the frame of the Helmholtz Institute for Climate Service Science (HICSS) project HYDROLINE
GERICS/University of Hamburg, Germany
Advisors: Dr. Diana Rechid (GERICS), Prof. Jürgen Böhner (UHH)

08/2022 - 06/2024 **M. Sc. Atmosphere, Climate and Ecosystems** (Final grade: TBA)
Degree project: Heavy and extreme precipitation events in the Sichuan Basin during the 2020 summer season in a set of kilometre-scale simulations.
University of Gothenburg, Sweden
Department of Earth Sciences

10/2018 - 06/2022 **B. Sc. Physics of the Earth System: Meteorology – Oceanography – Geophysics** (Final grade: Excellent)
Degree project: Statistical Analysis of Climate Variability in the Nordic Seas.
Kiel University/GEOMAR Helmholtz Centre for Ocean Research Kiel, Germany
Department of Maritime Meteorology

EXPERIENCE

06-08/2022 **Research Assistant**
Correction of practical exercises in Ocean Physics
GEOMAR Helmholtz Centre for Ocean Research Kiel, Germany
Department of Physical Oceanography

01-02/2022 **Internship**
Analysis of bottom oxygen concentrations in coastal areas of the Baltic Sea
Leibniz Institute for Baltic Sea Research Warnemünde (IOW), Germany
Department of Physical Oceanography and Instrumentation

CONTRIBUTIONS TO CONFERENCES

04/2024 **Poster presentation**
Heavy and extreme precipitation events in the Sichuan Basin during the 2020 summer season in a set of kilometre-scale simulations.
EGU 2024, Vienna, Austria

AWARDS

2024 **Outstanding Student and PhD candidate Presentation (OSPP) Award**
EGU 2024, Vienna, Austria

SKILLS

Computer
Python (Good)
MS Office (Good)
LaTeX (Good)
Matlab (Basic)

Languages
German (Native)
English (Fluent)
French (Good)
Swedish (Basic)

RESEARCH INTERESTS

Meteorological extreme events, esp. extreme precipitation
Convection permitting regional climate modeling and model evaluation
Climate change effects on extreme events