

# Curriculum Vitae – Gregor Luetzenburg

## Education

Mar. 26<sup>th</sup> 2023

**PhD in Geography from the Faculty of SCIENCE, University of Copenhagen.** Title: *Sedimentary Coastal Cliff Dynamics in Denmark and Greenland.*

Aug. 16<sup>th</sup> 2019

**Master of Science in Physical Geography, University of Vienna.** Title: *Climate and land use change effects on soil erosion in two small agricultural catchment systems; Fugnitz - Austria, Can Revull – Spain.*

Feb. 21<sup>st</sup> 2017

**Bachelor of Science in Geography, University of Vienna.**

## Employment

Feb. 2023 – ongoing

**Postdoc** at the Department of Glaciology and Climate, Geological Survey of Denmark and Greenland (GEUS) on the project *Building understanding of Greenland ice sheet change through Marine Limit and Relative Sea-Level databases.*

Jun. 2023 & Jun. 2024

**Guest Lecturer** at the University Centre in Svalbard (UNIS) on the *Sedimentology Field Course – from Depositional Systems to Sedimentary Architecture.*

Oct. 2019 – Dec. 2022

**PhD Fellow** at the Department of Geosciences and Natural Resource Management (IGN), University of Copenhagen (UCPH) on the Marie Skłodowska-Curie Actions COFUND TALENT.

May 2015 – Apr. 2019

**Research Assistant** at the Department of Geography and Regional Research, University of Vienna (two days per week).

## Research grants and academic awards

2024	Nature Protocols	-	Cover Image Volume 19, Issue 12
2023	German Society for Geomorphology	EUR 250	Conference Support
2022	William Demant Fond	DKK 6,000	Fieldwork at Zackenberg
2021	Marie Curie Alumni Association	EUR 800	Micro Grant
2021	YCSEC-A Myrtle Beach, SC	-	Outstanding Poster Award
2021	Japetus Steenstrups Legat	DKK 30,000	Fieldwork in Greenland
2021	COWI fonden	DKK 60,800	Fieldwork in West-Greenland
2021	William Demant Fond	DKK 6,000	Fieldwork on Disko Island
2021	IGN, UCPH	DKK 8,000	Seminar on project management
2020	Marie Curie Alumni Association	DKK 600	Micro Media Grant
2020	APECS-Nunataryuk-T-MOSAiC	EUR 400	Travel Grant
2019	IAG Windsor Workshop	EUR 300	Travel Grant
2019	Faculty of SCIENCE, UCPH	DKK 700,000	Scholarship
2019	IGN, UCPH	DKK 300,000	PhD Scholarship
2019	Horizon 2020	DKK 500,000	MSCA COFUND
2018	University of Vienna	EUR 750	High academic performance award
2018	University of Vienna	EUR 2,850	Scientific project abroad

## **Management experience**

2024 Ongoing project lead of a sea-level reconstruction initiative for South Greenland with partners from five institutions across four countries

2024 Ongoing project lead of a large-scale Greenland Ice Sheet mapping initiative with multiple partners and student supervision

2024 Organized a field campaign to South Greenland

2022 Organized and led field campaigns to North-eastern and West Greenland

2021 Organized a field campaign to West Greenland

2021 Elected PhD Representative for two years for IGN at the Faculty of SCIENCE, UCPH

2021 Appointed PhD Representative for two years at Geography at IGN's PhD Association

2018 Organized a fieldtrip to the island of Mallorca.

## **Scientific focus areas and methodologies**

Sediment transport; coastal geomorphology; landslides; novel technologies in Geosciences; remote sensing of the Polar regions; Holocene sea-level changes.

## **International relations**

2024 Member of the QGreenland Coordinating Board which includes delegating the improvement of community datasets, leading discussions and stakeholder workshops in Greenland, and facilitating the dissemination of QGreenland and related tools.

2023 Invited participant of the NSF funded Arctic Coasts Workshop in Boulder, Colorado that brought together a group of experts to exchange knowledge regarding coastal hazards and impacts, strengthen and expand partnerships, and contribute towards actionable Arctic research.

2022 Organized a field camp in the remote wilderness of Qeqertarsuaq island in West Greenland together with Lasse Sander and other scientists from the German Alfred Wegener Institute.

2022 Hosted Dominique Townsend, a PhD student from the University of Southampton in Copenhagen for a collaborative research project on Arctic Coastal Dynamics.

2021 Visiting Researcher for four months at the University of North Carolina at Chapel Hill working together with Emily Eidam.

2020 Board member for four years at the National Committee of the Association of Polar Early Career Scientists (APECS) in Denmark.

2020 Early Career Representative for two years for Denmark at GeoNorth, the Network of National Geomorphology groups of Denmark, Finland, Iceland, Norway, and Sweden.

## **Other scientific qualifications**

2025 Guest lecturer and external examiner at DIS Study Abroad in Scandinavia

2024 Co-organizer of a proposal writing workshop for ECS, organized by DMI and APECS Denmark

2024 Peer-review for journals Geomorphology, JGR Earth Surface and Water Resources Research

2024 Panel member on the short course Mind your head: “How to say no” at EGU24

2024 Reviewer for a SONATA-19 grant of the National Science Centre of Poland

2023 Co-organizer of the Science in Svalbard workshop, organized by APECS Norway and APECS Denmark

2023 Invited talk at the Danish Geological Society: Investigating coastal change with iPhone LiDAR

2023 Co-convened a session at EGU23: Sandy solutions for coasts / Arctic coastal processes

2022 Co-organized a short course at the EGU22: How to build and grow your scientific network

2021 ECS presentations judge at the SIOS conference 2021

2021 Co-organized a short course at the EGU21: How to navigate the EGU: tips and tricks