

# Curriculum Vitae

## Work Experience

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- Since 07/2023 **Potsdam Institute for Climate Impact Research | Potsdam**  
[Future Lab Security, Ethnic Conflicts and Migration](#)  
Project Manager and Research Analyst
- Working towards an index on climate related conflict vulnerability
  - Project management activities
- 02/2023 – 05/2023 **International Institute for Applied System Analysis | Laxenburg**  
[Working Group Transformative Institutional and Social Solutions](#)  
Research Intern (Paid)
- Microdata analysis on household consumption and poverty relations through R building on existing models
  - Data validation and visualisation
- 05/2020 – 12/2022 **University of Vienna**  
[Working Group Population Geography and Demography](#)  
Scientific Project Assistant and Student Assistant
- Survey data analysis in R with a focus on migration
  - literature research on the migration-environment nexus and on broader development issues
  - support in funding applications, and teaching activities
  - Projects: [AGRUMIG](#), [Migration Moldova](#)
- 03/2021 – 08/2021 **University of Vienna**  
[Institute for Geography and Regional Research](#)  
Teaching Assistant
- Teaching on hydrological and temperature time series modelling with R
- 10/2020 – 03/2021 **Helmholtz Centre for Environmental Research GmbH | Leipzig**  
[Working Group MigSoKo](#)  
Research Intern (Paid & recipient of Erasmus scholarship)
- Tempo-spatial modelling of patterns of in-migration and land degradation in sub-Saharan Africa using ArcGIS Pro and R
- 03/2016 – 04/2016 **Plan Faktor GbR | Berlin**  
<https://plan-faktur.de/>  
Intern (paid)
- Consultation and planning of compensatory environmental measures
  - Support in civic participation process
- 10/2015 – 02/2018 **Technical University of Darmstadt**  
[Chair of Material Flow Management and Resource Economy](#)  
Teaching Assistant and Laboratory Employee
- Teaching and conception of a seminar in environmental sciences
  - Leading a team of seven student assistants

## Education

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- 10/2019 – 06/2023 University of Vienna  
**Geography (Master of Arts, graded with honours)**
- Focus: Nexus of migration and environmental change, mobility studies, environmental modelling, remote sensing, Political Ecology
  - Regional focus: sub-Saharan Africa, South-Eastern Asia
  - Title thesis: Habitability is subjective and thereby shaped by an individual's social position
  - Supervisors: Prof. Patrick Sakdapolrak, Dr. Harald Sterly
- 09/2018 – 03/2019 EnSAP Research Laboratory, University of Nagoya | Japan  
**Human Environment Interaction (Bachelor Thesis)**

- Focus: Material stock and material flow analysis in combination with sea level rise induced inundation analysis using ArcGIS Pro
- 08/2016 – 01/ 2017      National Institute of Applied Science Toulouse | France  
**Civil Engineering (ERASMUS scholarship)**
- 10/2014 – 03/2019      Technical University of Darmstadt  
**Environmental Engineering (Bachelor of Science)**
- Focus: Environmental modelling, waterbody protection, resource management

### Additional Qualifications

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<b>Languages</b>	German	native speaker
	English	language proficient (C1)
	French	advanced (B2)
<b>IT-Skills</b>	ArcGIS Pro, R	advanced
	QGIS, SPSS, Stata, Python, MAXQDA	basics

### Scholarships

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- 2022      [Förderungsstipendium](#) scholarship by the University of Vienna to support field work as part of my master’s thesis (€ 3600)
- 2021      [Leistungsstipendium](#) scholarship by the University of Vienna for exceptional high academic grades (€ 800)
- 2020      [Erasmus](#) scholarship for an internship at the Helmholtz Centre for Environmental Research GmbH, Leipzig (€ 2579)
- 2016      [Erasmus](#) scholarship for studying a semester at the National Institute of Applied Science, Toulouse, France (€ 2100)

### Publications and Conference Presentations

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- Merschroth, S.; Sterly, H.; Sakdapolrak, P.; Abu, M.; Janoth, J.-N. (2023). Habitability is subjective and thereby shaped by an individual’s social position [Conference Presentation]. At What Point Managet Retreat? Habitability and Mobility in an Era of Climate Change. Columbia University, New York City, USA.
- Janoth, J.-N.; Sakdapolrak, S.; Abu, M.; Sterly, S.; Merschroth, S. (2023) Shifting the boundaries of habitability? The impact of migration on subjective and culturally embedded well-being in a context of environmental change in Northern Ghana. Under review.
- Merschroth, S. (2021). Climate Crisis Boosts Displacement.  
<https://www.vidc.org/en/topics/migration/climate-crisis-boosts-displacement>
- Merschroth, S. (2021). Lost Material Stock in Buildings due to Sea Level Rise from Global Warming: The Case of Fiji Islands [Poster Presentation]. Water Security and Climate Change Conference, Hanoi, Vietnam.
- Merschroth, S.; Miatto, A.; Weyand, S.; Tanikawa, H.; Schebek, L. (2020) Lost Material Stock in Buildings due to Sea Level Rise from Global Warming: The Case of Fiji Islands. *Sustainability*, 12(834).  
<https://doi.org/10.3390/su12030834>