

Curriculum Vitae

MSc Laurin Reim

Master of Science's Student

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Research Interests

- Hydrophysical Impact of Biochar on Various Soil Types
- Soil Ecosystems and Their Ecosystem Services
- Critical Zone Research
- Soil Carbon Farming and Soil Amendments
- Pedosphere-Biosphere-Atmosphere Interactions
- Biodiversity of Soil Fauna
- Soil Classification (WRB, KA6)
- Preservation of Soil Health
- Ancient Land Use of the Maya Culture, Mexico

Education

- Since 10/2020:
Double Degree Master of Science – Technical University of Munich:
“Sustainable Resource Management”
“Ecological Engineering”
Specialization in Soil Ecosystems
- 01/2024 – 03/2024:
PROMOS Research stay at UNAM, MX:
“Comparison of Wetland Soils in Karstic Mayan Landscapes of the Usumacinta Basin and of NE Yucatán with Respect to their Pedogenesis, Classification and Ancient Landuse.”
- 10/2022 – 09/2024:
Official Scholarship: *Deutschlandstipendium*
- 03/2023 – 03/2024:
Elected Representative: Environmental Lecture Series (AStA/URef)
- 09/2023:
WRB Soil Classification Excursion - Catalonia (Lleida)
- 08/2022:
Course “EC-Flux Measurement Fundamentals” – KIT Garmisch
- 07/2022:
UMF-TÜV Certification: Environmental Management Specialist
- 05/2022 – 06/2022:
ISCC International Field Workshop in Mexico (PROMOS-funded)
- 01/2022 – 07/2022:
TUMExchange - Semester abroad at UNAM (Mexico)
“Posgrado en Ciencias de la Sostenibilidad” – Final grade 10/10

- 10/2012 – 06/2016:
M.Sc. “*Geomaterials and Geochemistry*“ (LMU / TU Munich)
“*Mechanical Properties of Haliotis Shell in Comparison to Biomolecular Data*“
Final grade: Magna cum laude
- 03/2012 – 09/2012:
EMPA – Institute for scientific research Thun, Switzerland Industrial placement:
„*Nanoindentation on nacre*“
- 10/2008 – 07/2012:
B.Sc. “*Geosciences*” (LMU/TU Munich: Specialisation in Geology)
“*Untersuchungen an kieseligen Rohstoffen im Bereich von Juravorkommen im Donautal*”
Final grade: Cum laude

Work Experience

Since 03/2024	TUM Venture Lab FACIT: Co-Founder of new Startup
Since 09/2023	Trifolium (Felix Kleemann Consulting) – Project Lead SCF
07/2023 – 06/2024	Research Assistant: TUM Chair of Soil Science (SoLS)
11/2022 – 02/2023	GIZ GmbH - Mandatory internship in Frankfurt a. M. "Governance and Just Transition" (Public Finance and Administration)
10/2022 – 07/2023	Research Assistant: Bay. Landesanstalt f. Landwirtschaft
04/2016 – 05/2021	Ososoft GmbH – IT Consultant Project Management, QA, Business Analyst, Process Consulting, Agile Transformation, Data Protection Coordinator
10/2013 – 01/2015	Research assistant: LMU Mineralogy and Crystallography

Language Skills

German:	Mother tongue
English:	Fluent (C2)
Spanish:	Fluent (C1.2)
French, Italian:	Basics (A2)

Publications

Daniel J. Jackson, **Laurin Reim**, Clemens Randow, Nicolas Cerveau, Bernard M. Degnan, Claudia Fleck, Variation in Orthologous Shell-Forming Proteins Contribute to Molluscan Shell Diversity, *Molecular Biology and Evolution*, Volume 34, Issue 11, November 2017, Pages 2959–2969, <https://doi.org/10.1093/molbev/msx232>.