

## Luise Dambly



Birthday: 16.06.1992

Nationality: German

Spending as much free time as possible outside in nature: Climbing, hiking, ski-touring...

Reading the newspaper in the morning and novels on rainy days. The last novel that I found very entertaining was "Orlando" by Virginia Woolf.

### Professional Experience

**01.07.18 - 31.11.19** Young professional program of the German Corporation for International Cooperation (GIZ) with the following assignments:

11 months **Project employee in Costa Rica for the project "Identification of geothermal resources in Central America"** implemented by the German Federal Institute for Geosciences and Natural Resources (BGR), e.g. *Managing the geophysical working group in close cooperation with the Costa Rican Institute of Electricity (ICE).*

2 months **Research assistant at Agora Energiewende: Geothermal energy in the Mexican Energy transition from a technical, political and economic point of view.**

4 months **Employee in the German Federal Ministry for Economic Cooperation and Development (BMZ) in the division "Energy, Infrastructure and Raw Materials":** e.g. *Working on the National Hydrogen Strategy, assisting in project management for the GIZ projects "Energising Development" and "Green People's Energy for Africa"*

**01.10.17 – 31.05.18** Research assistant at ETH Zürich in the group "Geothermal Energy and Geofluids" (GEG):

- [Dambly et al., 2019: "On the direct measurement of shear moduli in transversely isotropic rocks using the uniaxial compression test"](#)
- [Nejati et al., 2019: "A methodology to determine the elastic properties of anisotropic rocks from a single uniaxial compression test"](#)
- Oral Presentation at the EGU 2019: [Abstract](#)

**01.07.16 – 31.08.16** Internship at ETH Zürich in the Swiss Competence Center for Energy Research (SCCER-SoE): *Geophysical measurements and experiments in the Deep underground lab facilities in Grimsel*

**01.04.15 – 30.06.15** Research Assistant LMU: Mineralogy, Petrology and Geochemistry

- 01.03.15 – 30.06.15 Student employee at the Regional Energy Supplier of Munich (SWM):** *Project assistance in the geothermal energy project “GRAME”*
- 04.08.14 – 30.09.14 Internship at the Regional Energy Supplier of Munich (SWM)**
- 01.10.13 – 28.02.14 Research and Teaching Assistant at the German University of Technology (GUTech) in Oman, Muscat:** *Preparing and guiding geological field trips, Assisting in lectures, Mapping Saih Hatat window*
- 01.09.13 - 30.09.13 Internship at the University of Erlangen, Structural Geology**
- 19.03.12 - 13.04.12 Internship at the Senckenberg Museum Dresden**

### Education

- 2015 – 2017 Joint Master in Applied Geophysics of TU Delft, RWTH Aachen, ETH Zürich,** *Master Thesis: “On the direct measurement of the shear modulus in transversely isotropic rocks using the uniaxial compression test.”*
- 2011 – 2014 Bachelor Geosciences at the TU & LMU München,** *Bachelor Thesis: “Development of deformation structures during subduction and exhumation of the Upper Plate Units in the Saih Hatat window, NE Oman.”*  
**Participation in the Lehre@LMU-Program 2012/13:** *Single Crystal Growth of Benzophenone by Czochralski Method*
- 2003 – 2011 Gymnasium Marienschule Offenbach am Main**  
*Focus subjects: mathematics, politics and economy*

### Languages

<b>German</b>	Mother tongue	<b>French</b>	Advanced
<b>English</b>	Proficient	<b>Spanish</b>	Advanced