

Curriculum Vitae, M.Sc. Maximilian Graf

Karlsruhe Institute of Technology (KIT)

IMK-IFU, Garmisch-Partenkirchen
Kreuzeckbahnstr. 19
Regional Climate Systems
Germany

Chair for Regional Climate and Hydrology

University of Augsburg
Alter Postweg 118
86159 Augsburg
Germany

Education

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| 10/2015-08/2018 | University of Augsburg M. Sc. Climate and Environmental Sciences Thesis: „Is the soil moisture – precipitation feedback enhanced above dry soils? Case of Southern Germany during the Scalex campaign.“ |
| 10/2011-12/2014 | Catholic University of Eichstätt-Ingolstadt B. Sc. Geography Thesis: “Identifizierung und Klimatologie des alpinen Pumpens aus einer regionalen Klimasimulation.“ |

Research Experience

IMK-IFU, KIT Campus Alpin, Garmisch-Partenkirchen

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| 09/2018 – to date | PhD candidate working in the HGF project Digital Earth. Working titel: “Effiziente Prozessierung and dynamische Visualisierung von CML-Niederschlagsdaten.” Supervisor: Prof. Dr. Harald Kunstmann |
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University of Augsburg, Augsburg

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| 04/2017 – 08/2018 | Research assistant in the Transregional Collaborative Research Center Waves to Weather: Atmosphere – surface interactions in regional climate simulations (WRF and WRF-Hydro) |
| 02/2016 – 03/2017 | Research assistant in the DFG research unit FOR2131: Data Assimilation for Improved Characterization of Fluxes across Compartmental Interfaces |

IMK-IFU, KIT Campus Alpin, Garmisch-Partenkirchen

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| 07/2015 – 09/2015 | Technical employee in the group Transport Processes in the Atmospheric Boundary-Layer: Maintenance of the operational TERENO stations, data base management |
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01/2015 – 09/2015

Research assistant in the group Transport Processes in the Atmospheric Boundary-Layer: field work in the ScaleX campaign, maintenance of Eddy-Covariance stations, data evaluation and visualization

German Weather Service, Offenbach

03/2014 – 08/2014

Intern in the department of Climate and Environment Consultancy: Bachelor thesis, literature review to urban heat island, GIS tasks