

# REGULA MUELCHI

## *CURRICULUM VITAE*

University of Bern  
Institute of Geography  
Climate Impact research group  
Hallerstrasse 12, CH-3012 Bern  
regula.muelchi@giub.unibe.ch

## EMPLOYMENT

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- Mar 2017 – today      Oeschger Center for Climate Change Research, University of Bern  
*PhD student in Climate Sciences*  
PhD project “Future changes in runoff and moisture transport towards Switzerland”
- Dec 2016 – Feb 2017      Mobiliar Lab for Natural Risks  
*Scientific Assistant (100%)*  
Collaboration within the M-AARE project, statistical bias correction of temperature and precipitation data to generate extreme precipitation events for hydrological modelling
- Nov 2013 – Jun 2016      Mountain Research Initiative, Institute of Geography, University of Bern  
*Student assistant (20-50%)*  
Communication, maintenance and development of website and database, event management
- Jun 2014 – Jul 2014      Oeschger Center for Climate Change Research, University of Bern  
*Student assistant (25%)*  
Support organization Swiss Climate Summer School
- Jun 2012 – Aug 2013      Federal Office of Meteorology and Climatology MeteoSwiss  
*Science officer (100%), International Affairs Division*  
International development project “Capacity Building and Twinning for Climate Observing Systems CATCOS”, national and international climate policy (UNFCCC, WMO, IDA Klima), Swiss delegate for meetings of the Global Framework for Climate Services by World Meteorological Organization, report „Swiss GCOS Data in International Data Centers“
- Mar 2011 – Jan 2012      Federal Office of Meteorology and Climatology MeteoSwiss  
*Internship (100%), Climate Division*  
Swiss GCOS Office, international projects, national and international climate policy (UNFCCC, WMO, IDA Klima)

## TEACHING ACTIVITIES

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- Spring 2019/2018      Assistance in “Climate Risk Assessment”, exercises
- Fall 2018              Presentation and workshop in “Hydrological Modelling”
- Fall 2017              Assistance in “Meteorology 3”, exercises

## EDUCATION

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2017 – today

PhD student in Climate Sciences, Oeschger Center for Climate Change Research, University of Bern

PhD project: *„Future changes in runoff and moisture transport towards Switzerland“*

2013 – 2016

Master of Science in Climate Sciences, Oeschger Center for Climate Change Research, University of Bern

Master thesis (2016): *„Evaluation of the influence of anthropogenic greenhouse gas emissions on temperature, precipitation and runoff in Switzerland“*

awarded as best master thesis 2016 by the faculty of natural sciences

2007 – 2011

Bachelor of Science in Geography, University of Bern

Minors in ecology and economy

Bachelor thesis (2011): *“Ecopreneurship – Definition und Bedeutung von Ecopreneurship am Beispiel der zwei Unternehmen South Pole Carbon Asset Management AG und myclimate -the Climate Protecting Partnership“*

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