

## Currently

### PhD student (convective season wind gusts and hail)

University of Bern, Mobiliar Group for Climate Impacts Research (O. Martius)

MeteoSwiss, Div. f. Radar, Satellite and Nowcasting (A. Hering, U. Germann)

## Previously

Intern, MeteoSwiss Locarno, APS

- assessing probability of thunderstorms in regions South of Alps (**COSMO-2**)
- estimation of snow density through atmospheric proxies
- North Foehn characterisation

MSc in Atmospheric and Climate Science, ETH Zurich

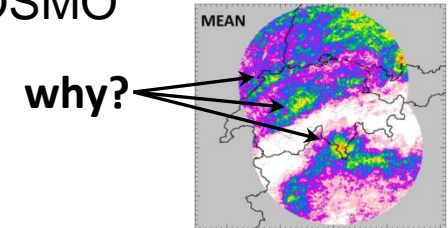
- Thesis on ENSO in climate models

BSc in Geography, University of Zurich

## 2<sup>nd</sup> part of PhD project on **hail predictability**

### Objectives

- Atmospheric precursors of hail applicable for different areas in Switzerland for different lead times
- Determine how well these predictors are forecasted with COSMO
- Analyse hail hotspots in Switzerland
- ...



### Motivation

Potential for nowcasting and forecasting of hail as opposed to thunderstorms

In the literature different predictors depending on region and data available

