

Dr. Sven Kotlarski is a trained hydrologist and since more than 10 years active in the field of climate downscaling and regional climate analysis with a focus on Central Europe and the Alps. In 2002 he graduated with a diploma in Hydrology at the University of Freiburg i.Br. (Germany) and obtained a PhD degree in Meteorology at the University of Hamburg / Max-Planck-Institute for Meteorology (Germany) in 2007. Sven participated in a large number of collaborative research projects both on national and international scale, among them the EU ENSEMBLES project, the German DEKLIM framework, the recently finished EU COST-Action VALUE and the ongoing EURO-CORDEX initiative. His current work is strongly connected to the Swiss National Centre for Climate Services (NCCS) and is focused around exploiting global and regional climate model output for producing user-relevant climate scenarios for the Swiss territory by means of statistical downscaling and climate model bias correction.

Within HEAT-Shield Sven will contribute to the derivation of heat-related climate indices and to the generation of long-term climate scenarios of these indices at local and regional scales.