

Dr. Mark A. Liniger (male) is Head of the Climate Prediction Group (~10 collaborators) and Deputy Head of the Climate Division. He has research experience in climate change in observations and on future climate change scenarios, extreme climatological events in Europe and Alpine region, statistical methods in climate science, predictions on the sub-seasonal, seasonal to decadal time scale, in tropospheric and stratospheric dynamic meteorology. He has led several research projects funded by national and international funding sources and several projects in collaboration with the private sector, such as energy, transportation and reinsurance. Additionally to the research activities, his group is responsible for operational provision of automated climate information, such as for customers and the website of MeteoSwiss.

HEAT-Shield combines various components of my research group as it covers several time scales: climate change with a horizon of 20 to 100 years with monthly forecasts with a time horizon of several weeks. It will be very interesting to exchange approaches and results for these different scales with the ultimate goal to provide climate information being fully consistent for all these scales. At the same time, the project allows us to understand user needs in depth and to develop corresponding methods to fulfill these needs in an optimal way. This is in perfect line with the National Centre for Climate Services (NCCS), recently established by MeteoSwiss. The NCCS is a national coordination initiative for user-oriented climate information. Beside the personnel and financial responsibility, I see my role in coordinating and supervising the work performed at MeteoSwiss and fostering the know-how transfer of Heat- Shield Results into MeteoSwiss and the Swiss community.