



Experimenting with climate services to support short term adaptation

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In the nationally funded project ELASTINEN (2015-2016) means that would support proactive management of weather and climate related risks and adaptation to climate change in Finland were investigated. The study indicated that communication, tools and data provision should be developed to become more user-friendly and sector specific. Additionally, the private and public stakeholders representing sectors such as water management, health, urban planning, agriculture, forestry, tourism and insurance expressed growing interest in monthly to seasonal forecasting and tailor-made climate service products. Winter sports and sales are becoming particularly vulnerable to changing winter conditions in Finland on annual and seasonal scale. Currently, for instance the ski-centers seek for new solutions for managing the business risks and opportunities related to the onset and duration of snowy conditions. Based on this recognized need, we prototyped possible service forms and products that could help the ski-centers and outdoor ware marketing in Finland. We made snow-accumulation forecasts using NCAR CFS2.0 monthly forecasts. By applying post-processing methods we produced spatial and temporal outlooks for risks and opportunities. These products and verification results are presented for discussion.