



Improving the end-user preparedness with severe weather impact-warnings in Finland

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In the nationally funded project ELASTINEN (2015-2016) solutions for strengthening the capabilities of different sectors to assess and manage risks related to weather, climate, and economic impacts was investigated. Within ELASTINEN, Finnish Meteorological Institute (FMI) has been benchmarking severe weather impact warnings in operational weather forecasting. Impact warnings make possible the end-users, such as energy and transport sectors, rescue services and other authorities, to get more detailed information regarding the impacts of the weather episode in question for their specific sector. The end-user need for impact warnings has risen. The current development of impact warnings will highly improve the overall capacity and preparedness of the society to handle especially the hazardous weather episodes and how they affect the society in various levels.

In this work we demonstrate the first concepts of FMI's impact-warning system to be used in the operational weather and safety environment in the near future.