



MesoVICT – overview and current status

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The increasing number of spatial verification methods raises the question of their properties and information content. During the last EMS meeting in 2013 the Mesoscale Verification Inter-comparison project over Complex Terrain has been established to explore the new methods for meteorological scenarios in complex terrain.

A large collection of observation data over the Alpine region and NWP model data are supplied from recent WWRP projects in the area. Ensemble forecasts and –for the first time- ensemble analysis from surface observations complement the data set provided from the project to the MesoVICT participants. Predefined test cases include more variables in addition to precipitation, such as winds. Further, the cases represent interesting meteorological events that develop over time rather than single snapshots.

This outstanding data set attracts several NWP model groups to rerun their new models with the “old cases”. It allows not only to verify the model results with a dense observation data set over the whole Alpine region but also to compare them with its former versions.

The talk will provide detailed information on the current status of the project and will give an outlook on further activities.