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## Potential of satellite data in flood forecasting

G. Blöschl

Vienna University of Technology (bloeschl@hydro.tuwien.ac.at)

This paper will review the main challenges in flood forecasting using distributed hydrologic models and in which respect patterns of remotely sensed data can assist in improving the forecasts. Both the potential for improving the inputs to the hydrologic model and updating the state variables of the model will be examined. Likely avenues of progress will be discussed.