



Developments of the European Flood Awareness System (EFAS)

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EFAS (<http://www.efas.eu>) is an operational system for flood forecasting and flood warning for Europe which has become fully operational as part of the Copernicus Emergency Management Service in 2012. The aim of EFAS is to gain time for preparedness measures before major flood events strike particularly for trans-national river basins both at country as well as on European level. This is achieved by providing complementary, added value information to the national hydrological services. Using a coherent model for all of Europe forced with a range of deterministic and ensemble weather forecasts, the system can give a probabilistic flood forecast for a medium range lead time (up to 10 days) independent of country borders. The system is under continuous development, and we will present the basic set up, some prominent examples of recent and ongoing developments and the future challenges.