



## **Regional scale ensemble prediction of hazardous weather in the Eastern Mediterranean**

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With the aim to evaluate the uncertainty of model forecasts at regional scale, an ensemble prediction system is applied at the National Observatory of Athens. The system is based on the use of BOLAM hydrostatic model that is running operationally using as initial and boundary conditions the 10 members of the ensemble system of the Global Forecast System of the National Center for Environmental Prediction (GFS/NCEP). The first results of the regional ensembles for high impact weather (strong winds, high precipitation) over the Eastern Mediterranean is evaluated.