

EXTREM WEATHER IN CONTEXT OF NUMERICAL FORECASTING IN TIME OF CLIMATE CHANGE

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Abstract

WMO addressing that through NWP system in a function of the quality of weather forecasting in developing countries, especially in the Western Balkans have not gone according to requirements; primarily due to the recent joint location in the system , and secondly due to the small resolution on the model used . Global model is not enough successfully to accomplish major projects. Serial climatological data for energy projects, and also for water resources are taken almost from the project managers. Only for the period 1985-1989 can be said there are data (PKMV 2006-2010). In Kosovo the situation is even farther due to the fact that neither the staff is compatible with NWP system, while overall activity that is done in Kosovo climatological monitoring which also has stagnated. More extreme weather events have remained with no answer. GFS system of NOAA in the small Balkan region is not sufficient for qualitative predictions. Recommendations from the IPCC should be subject of serious concern of meteorological authorities and policy makers. Impact of climate change on water resources is evident.

Keywords: *forecast, NWP, extreme weather, water resources*