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Design and proposal of the AHEWS (Atmospheric Hazards Early Warning System) related to the new Greek Regional Administrative structure

Ioannis T. Matsangouras & Panagiotis T. Nastos

Laboratory of Climatology and Atmospheric Environment, Faculty of Geology and Geoenvironment, University of Athens



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Regional Administration

warnings related with: extreme snowfalls and rainfalls. heat waves, extreme low temperatures

Proposed AHEWS early warning structure

INPUTS:

High spatial WRF NWP Met. Station Network Lighnings Detector network Met. Radar Network Satellite Images Points of interests



AHEWS

The Regional Office is staffed with IT and WX men in order to maintain and interprtend AHEWS products based on WEB interface.



VISUALIZATION:

POI's Forecasts **Current Weather** Lighnings spatial variability Satellite & Radar Images 15 days EPS rain probability BIOS's indeces

1st Level Regional Administration



Level Local Administration

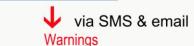
via web interface and email

Warnings

wiil be delivered to govern's agencies to alert and synergise them (hospitals, fire police stations and groups of volunteers)

Warnings about

rainfalls, snowfalls, hail, heat wave, wind chill factor, ice conditions, bioclimatic indeces, weather conditions fanorable for wild fires, gale winds, thunderstorms



wiil be delivered to local business and society in order to inform anf mitigate the risk from any atmospheric hazard



Business & Society



