



## **Open laboratory: a bridge between society and public weather services in natural hazards management**

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2006 PWS Survey on Severe Weather Warning Services identified the need to improve the nowcasting services. As Nowcasting is closely related to severe weather monitoring, forecasting and management, it is recognized that a collaborative medium would need to be established through which nowcasting system designers, operational forecasters, PWS product developers, disaster managers and users can readily interact and explore ways forward.

Expert teams from WWRP and PWSP unified in JOint Nowcasting Applications and Services (JONAS) Steering Committee, initiated a strategic plan to overcome the gap between science and society in such a rapid evolving domain like severe weather. The frame for such an action should be a kind of “open laboratory” for promoting the implementation of end-to-end nowcasting systems.

The National School of Meteorology and the National Meteorological Administration in Romania hosted last November a training workshop, a “learning through doing” event in nowcasting techniques, sponsored by PWS-WMO, as a first action toward an open laboratory for South-Eastern Meteorological and Hydrological services.

This presentation shows the challenges of the approaches in learning and training used in this event and shares the conclusions, evaluations and benefits of “hands on training”, role of dialogues and open discussion between forecasters and managers

from neighboring countries in a common attempt to reduce the vulnerability to high impact weather.