



**Building Resilience to Disasters in
Western Balkans and Turkey**

On-the-job training on Severe Weather Forecasting and Warnings

Romanian National Meteorological Administration



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Laboratory of Nowcasting Techniques and Severe Weather Forecasting

Severe weather events

- ✓ Definition – any weather aspect that could endanger human life and activities.

Severe convective storms

Large hail



Strong winds



Heavy rainfall



Lightnings





FOTO: AGERPRES

■ Severe weather forecast

- Meteorological activity with the highest social impact
- That's why the training needed to ensure the forecasters with the necessary abilities is a very important activity.

On –the-job
training



Classes



Operational
activity



Application of
gained knowledge



COMPETENCE

Competences...

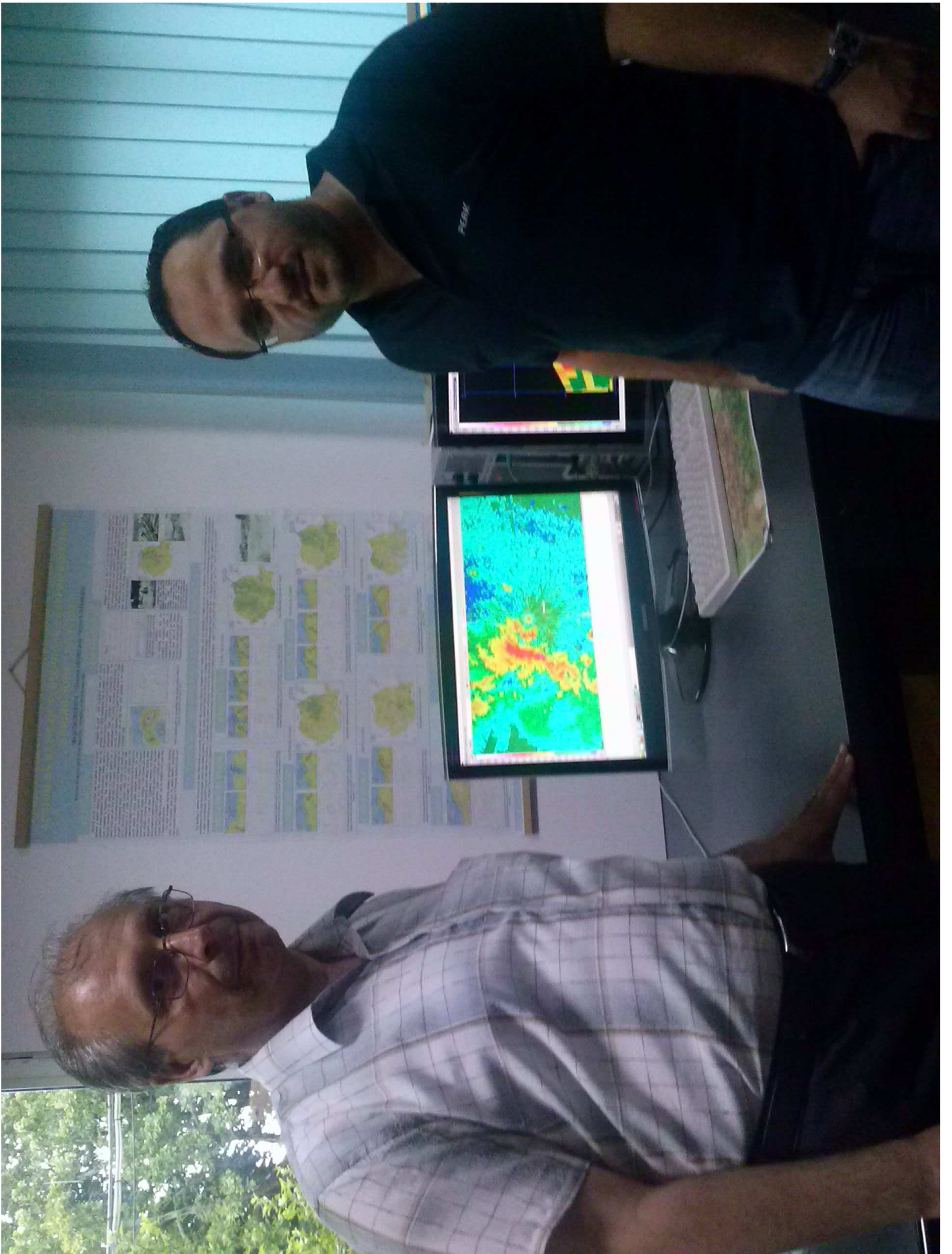
- Evaluation of environment
 - Forecasting the areas prone to severe weather
 - Discriminating the areas highly impacted by severe weather
 - Decision on what to do: forecast, information or severe weather watch or warning
 - Monitoring the severe weather event
- Identification, evaluation, and forecast
 - Analysis of detected storms
 - Forecasting the evolution of storms
 - Formulation and issue of forecast and warning

Training:

- Training course focused on the trainees
- Developing competences
- Interactive, on-the-job work

Operational activity...





BREAKING NEWS

DIRECT
ZONA BĂNEASA, BUCUREȘTI

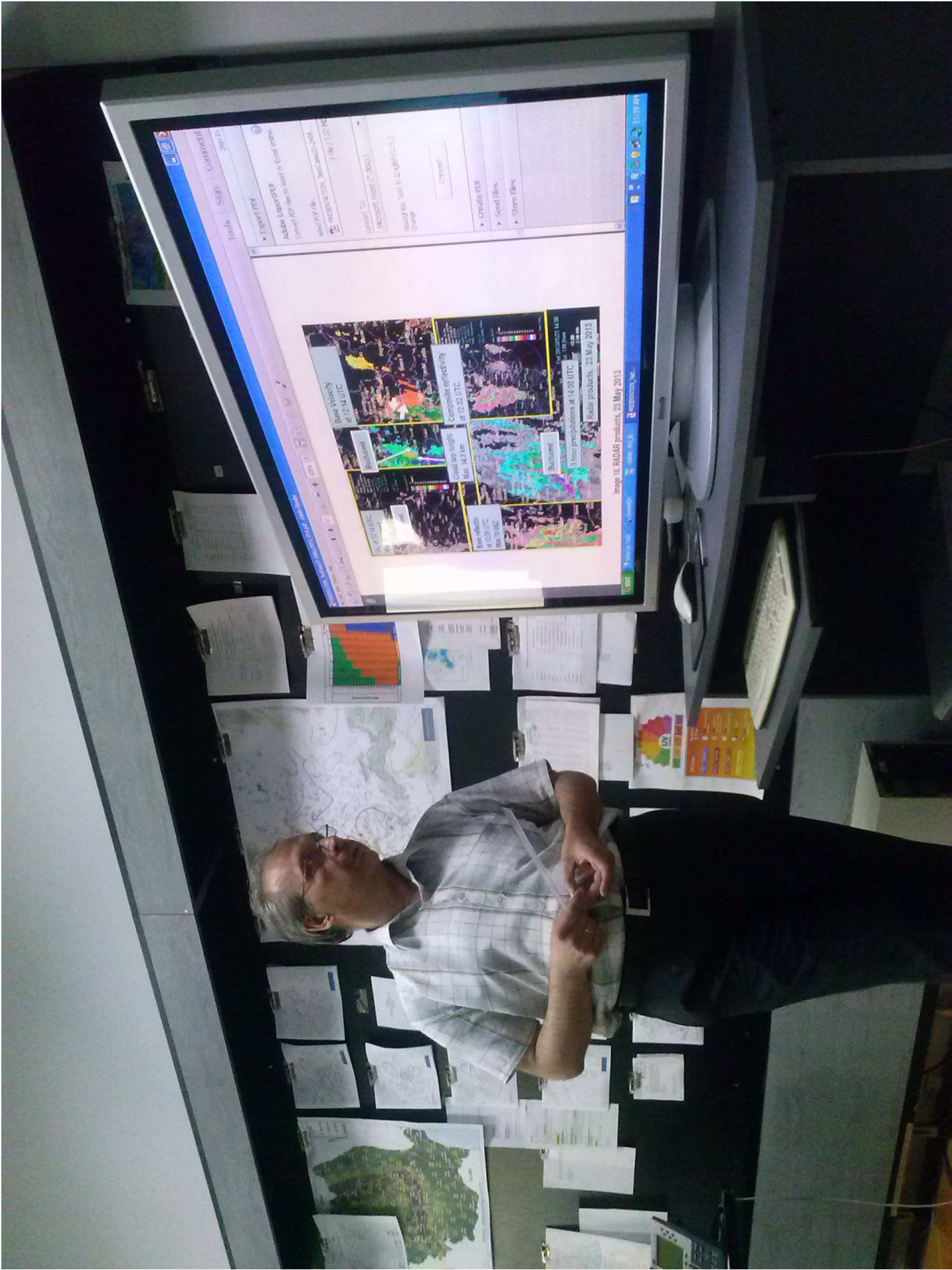
GRINDINĂ ÎN MAI MULTLE ZONE DIN CAPITALĂ

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- Vital for forecasters to have knowledge on forecasting and monitoring severe weather, so they can react and take the right decisions regarding the evolution of the storm, the associated weather and issuing the warning.

Developing Early Warning Systems

Risk knowledge

Monitoring &
Warning Service

Dissemination and
Communication

Response Capability

Thank you!

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