

Conclusions of the SRNWP verification workshop

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Introduction

Talks

Discussion topics

- verification scores
 - deterministic vs probabilistic
- double penalty
- data problems
- scale issues
- (limited) predictability
- severe weather (extreme events)
- ...

Research challenges

“severe weather prediction should help in preventing loss of life and property”

How to prove that?

several options

Recommendations

1. Guidelines to ensure quality of radar composition

(precip. important but doubts about quality)

2. EUMETNET composite should be free for NMS

3. DWD will issue guidelines to the NMSs how to verify the PEPS forecasts over their territories

mutual “experiment”, guidelines about time frame,
thresholds, predictand,

but also verif scores)

4. Next to deterministic verification we encourage probabilistic verification

5. All verification scores should be accompanied by their statistical significance