

# SRNWP Verification Expert Team Meeting

## 3/10/17

- Useful to have ET meeting at annual EWGLAM/SRNWP
- Need for collaboration of methods and experiences especially with spatial and high resolution verification
- Aware of new users eg Renewables – 100m W, solar radiation
- Spatial/high resolution data need and QC - eg OPERA
- Verification for decision on upgrades
- Adopt recommendations of WGFVR
- High impact warnings- relevant model verification
- Look for deputy chair to take over at end next year

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- Replacement chair
- Eumetnet common verification - although this has now ceased and no follow-up as yet, what do verification experts think?
- Current issues in high resolution convective scale modelling and convective-permitting EPS
- MesoVICT project. Project aims are on convective scale ensembles, complex terrain, spatial methods. BAMS project overview paper on the project.
- Common verification - This is extremely difficult due to the lack overlap of domains. WGNE has asked for some sort of recommendation on a framework for high-resolution NWP verification. A draft proposal on “Suggested methods for the verification of precipitation forecasts against high resolution limited area observations” is to be discussed at WGNE (week after EWGLAM). It may be interesting to explore trialling it within the EWGLAM/SRNWP community.

# WGNE Precipitation recommendations

- 6h (3/1h if possible) with thresholds ), 1, 2, 5, 10, 20, 50 mm per 6h
- Obs, gridded obs, radar-guage
- Lead time, season,region
- Quantiles, 95% CI, median and IQR
- ETS, EDI,FSS, Brier (+components), ROC(area), CRPSS