



# Synthesis of Tuesday session

**Greg Bodeker**

**Presented at 6<sup>th</sup> GRUAN Implementation and Coordination  
meeting, Washington DC, 14 March 2014**

The goals of the Tuesday post-lunch session were to:

- Canvas the community for input on what is currently being done, and on practical steps that can be taken, to better integrate GRUAN data and GRUAN expertise / practices into other aspects of the Global Observing System.
- Select a subset of those steps for implementation and discuss how best to implement them.
- Identify specific people to take responsibility for implementing those steps.

So, what can we consider doing...

- NDACC NORS system → integration into the ESMVal tool → use as a mechanism for delivering GRUAN data for ESM validation?
- Common ground between NORS and NPROVS+?
- Using SASBEs as a way to leverage GRUAN data within the GOS → use GRUAN data as the anchor for SASBEs.
- Two way interaction between GRUAN and GSICS → use accurately calibrated satellite measurements as a travelling reference standard for GRUAN sites → GRUAN in combination with forward radiative transfer models provides useful references for the calibration of e.g. space-based measurements.
- GRUAN's involvement in radiative transfer model development? Do we have the required expertise?
- GRUAN's connections to the reanalysis community → is there anything that can and should be done there?

- GRUAN interactions with the radio occultation community?
- Fostering the interaction between GRUAN and NMHSs, particularly the NWS in the US.
- GRUAN as a WIGOS project and how to use this to better integrate GRUAN with other WIGOS projects?
- GRUAN and SHADOZ → Greg and Anne to talk.