

Some topics to consider for metrics, diagnostics and evaluation

nce

ergy: How can we further advance NWP/climate connections in model evaluation? Use of NWP analysis methods with climate models?

P: What tools for the evaluation of biases in climate models would provide us with the most insight?

ate: What analyses could and should be community-driven for benchmarking, model improvements and ideally revealing process-level deficiencies in systematic errors? Current gaps?

about writing some status papers on the validation of state-of-the-art model configurations?

ementation

can we improve the digital documentation of model evaluation results?

What should the WGNE/WGCM metrics and diagnostics panel do to further stimulate synergies across disciplines?

Further topics to explore cross-cutting activities

- 1) What model output would be needed?
- 2) Would there be benefit in increasing the temporal frequency of model output if interested in temporal evolution? What could be learned from this? i.t.o. what does the weather look like in climate model?
- 3) What variables could be looked at (i.e. what observation data sets have we got that would work).
- 5) Who would be interested in participating in such a project/activity? The first step would have to be documenting requirements and data sets available.