

## **S-RIP 2018 Chapter-lead Meeting**

### **- Requests for Chapter Leads & Participants**

Location: NorthWest Research Associates (NWRA), Boulder, USA

Dates: 25-29 June 2018 (28-29 for breakout sessions)

1. If possible, please make an electronic copy of your chapter manuscript files available (by email, on Google drive, etc) to Gloria, Masatomo, Lesley, and Jonathon by Friday 22 June (if you can't provide it until Saturday or Sunday, though, we'd still like to have it!). We will put those in a Google Drive folder to share them among the chapter leads and meeting participants.
2. Please bring a hard copy of your manuscript for people to look through at the meeting.
3. Presentation Logistics:
  - A. The scheduled chapter presentations will be very informal -- we'll be sitting around a large conference table, so all co-leads who are present can speak -- the presentation does not have to be delivered entirely by one co-lead.
  - B. Please have your slides ready the morning of your talk to upload to the meeting room computer, and provide them to Masatomo before the end of the meeting.
  - C. We prefer to have your slides for presentation in PDF format to avoid compatibility issues and other MS Office foibles. (The conference room computer is a Windows PC, so this is an especially good idea if you work on a Mac or Linux machine.)
4. Important items to cover in your presentation relative to your chapter and for group discussion at the meeting are:
  - potential overlaps of diagnostics among chapters
  - missing diagnostics or diagnostics that do not fit in any one chapter
  - choice of acronyms (for uniform acronym usage in the report) [please see ACP papers on Chapters 1-4 (<https://doi.org/10.5194/acp-17-1417-2017>; <https://doi.org/10.5194/acp-17-14593-2017>; <https://doi.org/10.5194/acp-17-12743-2017>) for their choice of acronyms]
  - dataset usage (for overall dataset appendices and / or tables in the report)
  - any other issues and concerns (technical, scheduling, etc.)

Please include these items in your presentation as they apply to your chapter, and if you have thoughts on additional items for general discussion, please let us know before the workshop.

5. Creating a draft of Chapter 12 is another key item for the meeting. Towards this end, it would be helpful if your presentation would include some key summary (abstract level) points to start discussion for this chapter. These may include the following:

- Key findings
- common patterns across your diagnostics (and across chapters)
- recommendations for usage, for future research, and for reanalysis development
- other issues

6. Other items

- ideas on archiving data used in reports (many funding agencies increasing requirements for making data public)
- ideas on archiving tools and codes used for the data analysis
- ideas on supplementary online information external to chapter (e.g., for a diagnostic that might be calculated at levels throughout the stratosphere, where only one or two could be shown in report, could/should a full set of plots be posted online somewhere?)
- Asking extension of the deadline (the end of 2018) of the ACP/ESSD special issue?
- ideas on the future of S-RIP (meeting in 2019 or 2020? ERA5 evaluation? new leadership? the current website moving to reanalyses.org? etc.)

7. Notes again:

- We will have three common Appendices for the report: Appendix A: List of Acronyms; Appendix B: Model Vertical Levels; and Appendix C: Description of the Observational Data Sets. For A and C, the relevant parts of each manuscript will be moved when we finalize the whole report manuscript.
- A change to the common evaluation period: From “1979 – 2012” to “1980 – 2010” (MERRA-2, CFSR/CFSv2); of course, evaluation for –1979 and 2011– can be included for some diagnostics; some diagnostics may be evaluated for shorter period due to limited availability of independent observations.
- The WMO 30-year climatology is 1981-2010.

- MERRA and MERRA-2, use ASM (IAU, Assimilation), not ANA (DAS) → The NASA/GMAO has posted the document about the recommended use of ANA/ASM output on the MERRA-2 website, <https://gmao.gsfc.nasa.gov/reanalysis/MERRA-2/docs/ANAvsASM.pdf>