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Supported Projects: ACME ARM

Quarterly Report for Jan, 2018 – March, 2018

Quarter Accomplishments:

E3SM
- Released the v1.3.0 of E3SM diagnostics package, with a new set of diags: Taylor Diagram.
- Add stronger support to model vs model diags in E3SM diags
- Provide user support to users from PNNL and LLNL.
- Add more observational datasets to the diags database
- Clean up code directories
- Provide support for HPSS archinving and Data publication for E3SM

ARM
- Paper published on Journal of Geophysical Research, Atmosphere: Zhang et al., CAUSES: Diagnosis of the Summertime Warm Bias in CMIP5 Climate Models at the ARM Southern Great Plains Site https://doi.org/10.1002/2017JD027200
- Present Poster on using ARM data for E3SM diags highlight at the ARM/ASR science meeting
- Submit the paper highlight at the ARM/ASR science meeting

Next Quarter's Roadmap
- Continue to expand the E3SM diagnostics by adding more diagnostics sets
- Officially implenet ARM digas in to E3SM
- Create a central place to host all the observational datasets for E3SM