Carbon Cycle Working Group

- The joint CO-CO2-CH4 from Jenny’s group is scheduled for release in 13.3.0 and the paper describing it will be submitted to GMD by the end of this week.
- Interest in expanding to CO-CO2-CH4 to include OCS following Kuai et al, 2015, JGR. Working with Elliott Campbell (UC Santa Cruz) for updated emissions.
- Need to migrate CO-CO2-CH4 into GCHP.
  - Working with GCHP team
  - Inclusion of observation operators for satellite measurements.
- Updates to bottom-up flux can be provided from CMS-Flux for CO2 through 2019.
  - Challenge of supporting GCAdjoint, GC Classic, and GCHP.
- Updates to bottom-up flux can be provided from Harvard for CH4.
- Merger of CO2 Adjoint branch with main GCHP should be completed in May (D. Henze)