

OCO-2 Flux Breakout: Tuesday March 8th, 12:00MT - 4:00MT

- **Programmatic**
 - OCO-3 B10 data - status? Plans? Users? (**Abhishek Chatterjee**)
(12:05PM MT - 12:15PM MT)
 - Support of the OCO-2 B11 data evaluation and testing (**Junjie Liu**)
(12:15PM MT - 12:30PM MT)
- **Science/research topics/papers** (*let's try to clarify if publication is end goal for the work*)
 - **Large-scale** source and sink distributions (**1hr**)
 - Meridional Fluxes as Robust Metric of Ensemble (**10m?**)
 - **Fluxes:** statistical significant signal? IS , LNLG, ? (**A. Schuh**)
 - **Eval:** Effect of a priori uncertainty on LNLG, IS inversions as well as summary of uncertainty Telecons (**A. Schuh**)
 - Discussion
 - Ocean – land flux partition (**30m**)
 - **Fluxes:** IAV, annual means, and trends relative to land/ocean partitioning (**David Baker**)
 - **Eval:** Evaluation data and Algorithm bias correction (**David Baker**)
 - **Eval:** Comparison tropical ocean fluxes to ocean priors/models (**B. Byrne**)
 - **Eval:** Interesting TCCON signal in Lauder residuals (to models) (**Sourish Basu**)
 - Discussion
 - Tropical – extratropical land flux partition? (**20m?**)
 - **Fluxes:** Robust feature from LNLGIS and reduced uncertainty over the tropic, IAV of both areas? (**Junjie Liu, 10m**)

- **Eval:** Latitude by data_mode by altitude statistics of withheld obspack data (**Andy Jacobson, 10m**)
 - Discussion
- **Regional fluxes** (e.g., Africa, Amazon, NH midlats, Australia?) (**1.5 hr**)
 - Tropical region carbon flux interannual variability
 - **Fluxes:** regional aggregated plots (e.g., NA, ASIA), **Junjie Liu, 10m**
 - **Eval** data viewpoint (3-5m) (**B. Gaubert**, couple slides on Africa)
 - Discussion
 - **Fluxes:** Tropical South America seasonality through eyes of MIPv10 (**Ian Baker, 10m**)
 - **Eval** data viewpoint (3-5m) (**John Miller**)
 - Discussion
 - NH extratropics land
 - **Fluxes:** Seasonal and IAV over NH midlats plots (**Brendan**)
 - **Eval:** Carbon loss from Western U.S. ? Does Edwards vs Park Falls TCCON analysis shed light? (**Sourish Basu**)
 - **Eval:** Uncertainty from transport effect and maybe oxidation effect? (**Schuh/Byrne**)
 - Discussion
 - SH extratropical land sink, lot of variability by data mode (**Who?**), do we have a land sink there or not?
 - Eval data viewpoint (3-5m) (**Who?**)
 - Discussion (5m)
- **Global Stocktake Discussion (30m?)** (**Brendan Byrne lead?**)
 - Explain differences between experiments/data_modes, where we might see bias (justification/evidence ... where does it come from, e.g. eval data, high-faith priors), could tie to “Global flux scales” (**15m**)
- **Publications and advertisement of MIPv10 output for broader science community (15m?)** (**Junjie Liu**)