

Planet Diagnosis Breakout Session:

- Do reanalysis centers need additional data streams to extend present reanalysis products? *Answer - In large part at this moment no.*
Ingest, but not validation?
- Do existing climate model efforts provide the motivation and context for development of integrated biogeochemical analysis products? *Answer - Perhaps for ocean carbon data but generally no.*
- Has the data publication process stimulated development and sharing of variety of quality-controlled environmental data. *Answer - Emphatically yes.*

Planet Diagnosis Breakout Session:

Need definition here

- Would a systematic integration of the various emerging data sets prove a) plausible and b) useful for future research and modeling? *Yes, but ...*

In context of obs4mips?

- Will future directions and developments in earth system models stimulate need and provide tools and context for planetary diagnosis data sets? *Yes*

*Further discussion in WDAC
Reach out to obs4mips
Show some proof of concept?*