

Priorities for Next Steps

Priorities

- Build an hourly version of ILAMB to allow for:
 - More effective use of Fluxnet and high resolution observations
 - Assessment of extremes
 - Harvesting of remote sensing data at time interval of satellite overpass
- Integrate datasets and metrics identified in the meeting into ILAMB 3.0
 - Land-atmosphere coupling metrics
 - Permafrost metrics
 - Integration of meta analyses and experimental manipulations of N, CO₂, treecover
 - Emergent constraint metrics
 - Extremes, including pdfs, and forcing by ocean indices
 - More CO₂ datasets
- Identify teams to develop ILAMB papers on targeted processes or topics:
 - Ameriflux?
 - Tropics?
- Smaller workshops on topics with the aim working toward a paper on a specific topics
 - Use ILAMB in an interactive mode to create output for figures, test hypotheses about the causes of IAV
- Identify ways to make ILAMB more valuable to CMIP and other MIPs

- Better coordination with Obs4MIPs
 - Draw data from Obs4MIPs into ILAMB
 - Try to migrate some of the datasets in ILAMB into Obs4MIPS with CMOR
- More regular meetings? 3 years instead of 5?
- Tutorials at/before/after AGU every year
- Short courses before AMS
- Other venues to ensure international collaboration (EGU, YouTube, separate training courses to which others would travel)
- ALMA as well as CF/standard names or possibly get the community to converge or use Hyungjun's translator
- Next version: plugin protocol for data and external diagnostics tools (e.g., routing/discharge) and transport models (e.g., atmosphere)
- Virtual machine packaging and AWS to get started fast
- Invite operational centers to future workshops (climate AND weather); multiple time scales
- GET MORE FUNDING!!!!!!!!!!!!