Discussion

Hydro-climate testing

- New/targeted diagnostics
- Missing from the current workflow (specific regions: USA, Western Pac, Amazon, G-land)

• Getting from here to there

- Plan for CAM6 version (March 1)
- Retuning of CLUBB (global radiation)
- Retuning of ZM deep convection (tropical variability)
- Reformulation of TMS/ridging (surface stress/Greenland/ACC)
- Models: 1 deg, 2 deg, 0.25 (SE) deg. Current physics + variants

• CESM2/CAM6 material (December)

- Publications: Configuration, variability, climate sensitivity, high-res., ??
- Releasing simpler configurations: aqua-planet, moist Held-Suarez, RR grids
- Scientific description, users' guide

Beyond CESM2

– Anything missing from the plans (e.g., model formulation, dy-core)?

Community Earth System Model

CAM Development Timelines

The path towards CESM2 and beyond (as of February 2016)

