



*Advance state*

Accumulate, average & communicate

1. Accumulate sfc. pressure and fluxes\*
2. Accumulate river discharge.
3. Accumulate SST, sfc. currents and ice state
4. Average (accumulants) and communicate.

\*matter, momentum, energy

- Dynamics
  - Transport
  - Smagorinsky
  - ☁ Cloud microphysics
  - Radiation
  - JSBACH
  - ◡ Sea ice
  - Ocean dynamics
  - TKE (and eddy) mixing
  - Transport
  - HAMOCC
- ◀ (directly coupled to atmosphere)