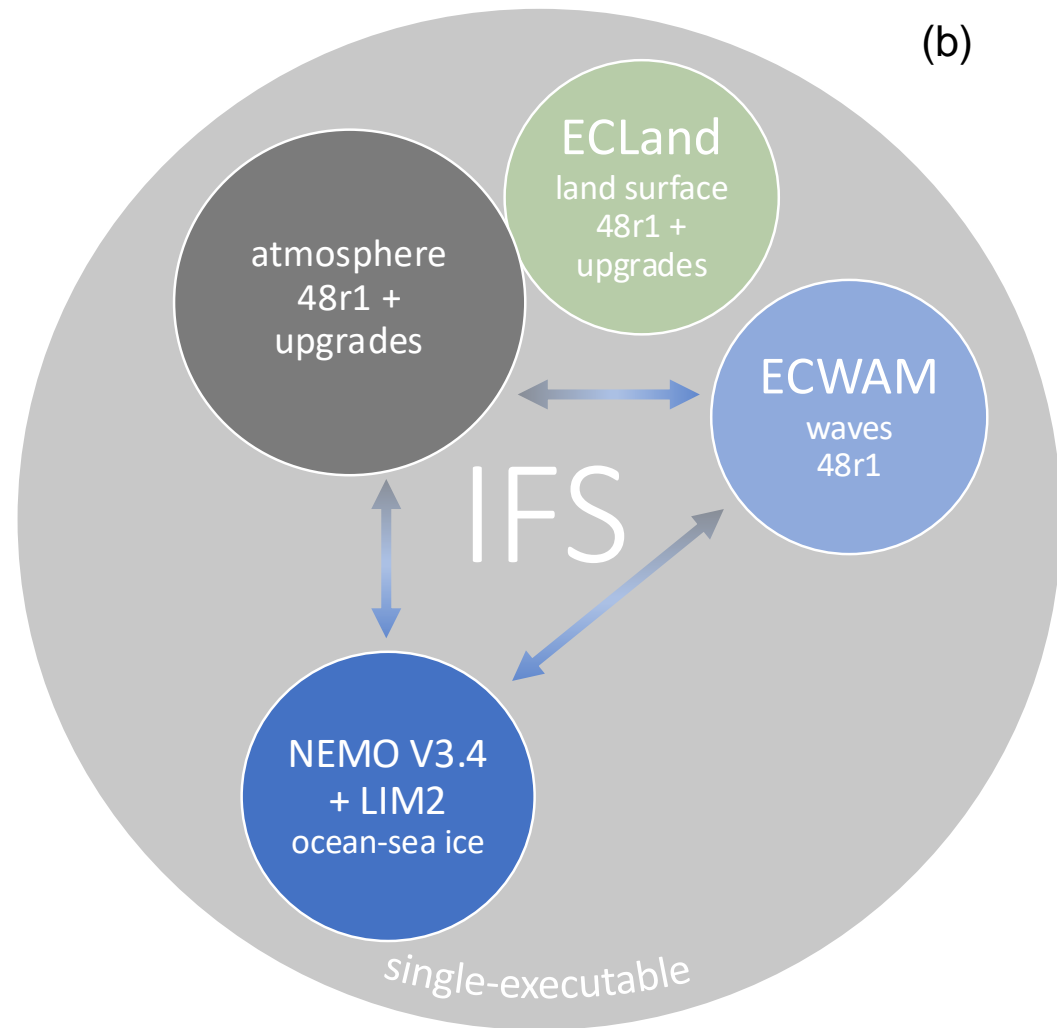
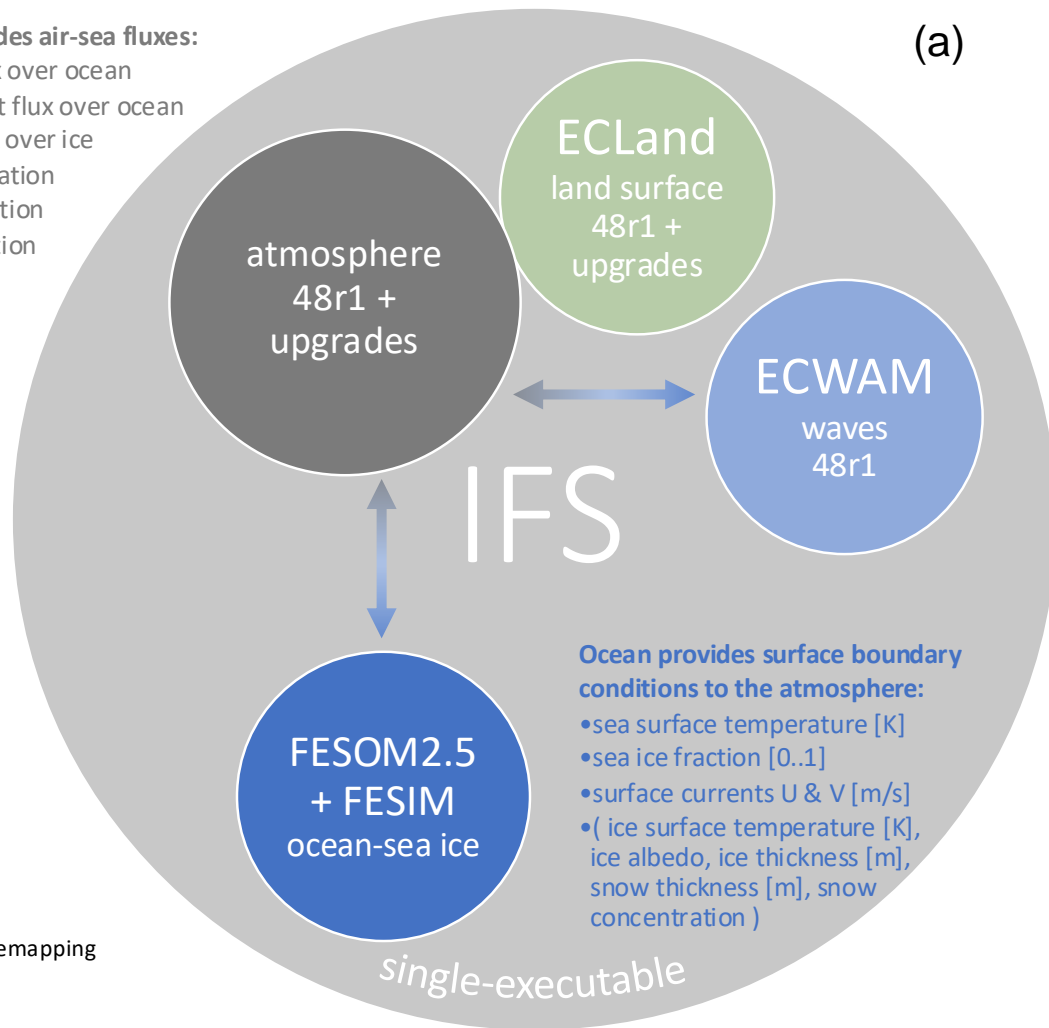


Atmosphere provides air-sea fluxes:

- solar heat flux over ocean
- non-solar heat flux over ocean
- total heat flux over ice
- liquid precipitation
- solid precipitation
- total evaporation
- sublimation
- wind stress x (over ocean)
- wind stress y (over ocean)
- wind stress x (over ice)
- wind stress y (over ice)

(a)

(b)



Ocean provides surface boundary conditions to the atmosphere:

- sea surface temperature [K]
- sea ice fraction [0..1]
- surface currents U & V [m/s]
- (ice surface temperature [K], ice albedo, ice thickness [m], snow thickness [m], snow concentration)

↔ coupling/remapping

single-executable

single-executable