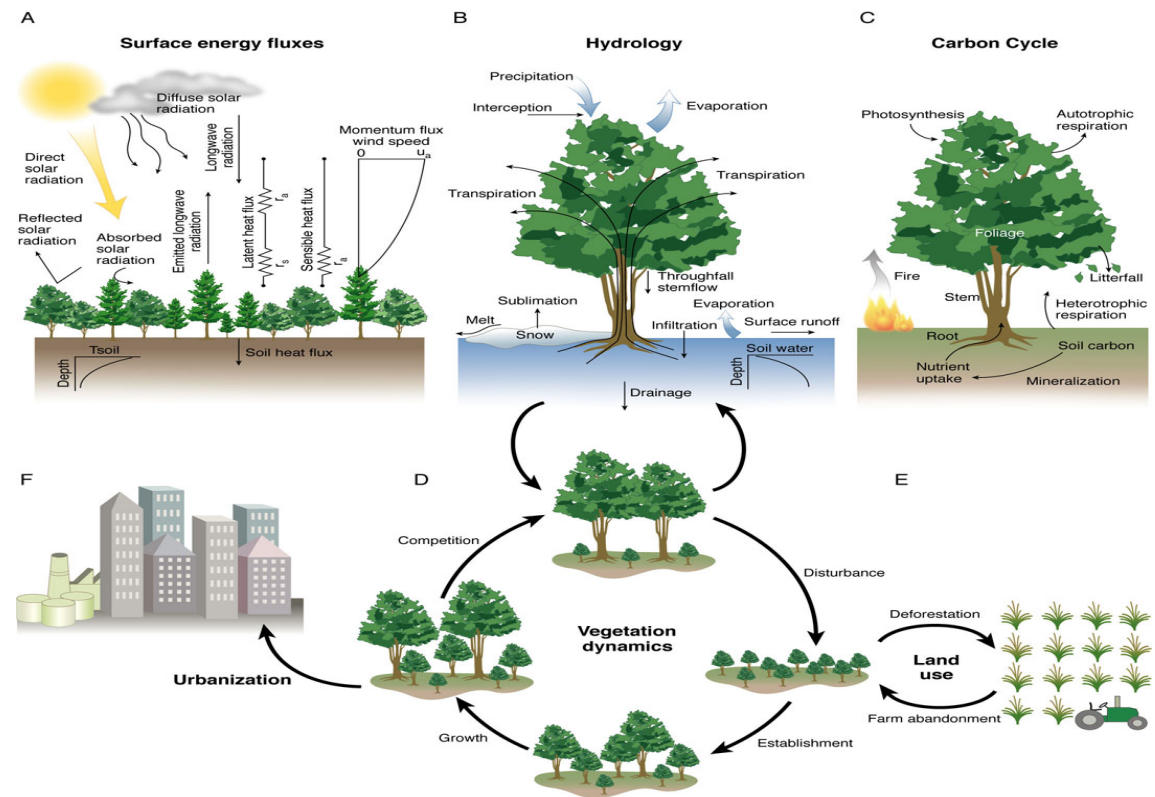


Community Land Model

- Open source
- Extensively documented and evaluated
- Comprehensive range of processes through a modular code structure
- Current version: CLM4, preceding version: CLM3.5



Bonan, 2008

COSMO-CLM²: History of model developments

- 2009:
 - Initial version: COSMO-CLM version 4 coupled to CLM3.5
 - “subroutine coupling”
 - Evaluation in *Davin et al., Clim. Dyn. [2011]*
- 2010:
 - Upgrade to COSMO-CLM version 4.8
 - Evaluation in *Davin and Seneviratne, Biogeosciences Discuss. [2011]*
- 2011:
 - Switch to OASIS3 coupler (by E. Maisonnave and E. Davin)
 - OASIS interface introduced in official version COSMO 4.20
 - Upgrade to CLM4
 - **Still not scientifically evaluated!**