

Reading List 5: Land-Surface and Vegetation

- *Bonan, G. B., & S. Levis, 2006. Evaluating aspects of the Community Land and Atmospheric Models (CLM3 and CAM3) using a dynamic global vegetation model. *J. Climate*, **19**: 2290–2301.
- Delire, C., J. A. Foley, S. Thompson, 2004. Long-term variability in a coupled atmosphere-biosphere model. *J. Climate*, **17**: 3947–3959.
- Dickinson, R. E., 1984. Modeling evapotranspiration for three-dimensional global climate models. In, J. E. Hanson & T. Takahashi, eds., *Climate Processes and Climate Sensitivity*. Proceedings of the 4th Maurice Ewing Symposium, 1982, Palisades, NY. American Geophysical Union. 58–72.
- Dickinson, R. E., K. W. Oleson, G. Bonan, F. Hoffman, P. Thornton, M. Vertenstein, Z.-L. Yang, & X. Zeng, 2006. The Community Land Model and its climate statistics as a component of the Community Climate System Model. *J. Climate*, **19**: 2302–2324.
- *Oleson, K. W., Y. Dai, G. Bonan, M. Bosliovich, R. E. Dickinson, P. Dirmeyer, F. Hoffman, P. House, S. Levis, G.-Y. Niu, P. Thornton, M. Vertenstein, Z.-L. Yang, & X. Zeng, 2004. *Technical Description of the Community Land Model (CLM)*, NCAR Technical Note TN-461-STR. (Recommended reading assignment is §1.2 through chapter 2, pp 11–22.)

*(Indicates required reading.)