

Lecture – Forests

Readings relevant to today's lecture:

Ecoregions by R.G. Bailey (on reserve in the library)

- Forests Chapters

Plant Physiological Ecology by H. Lambers, F.S. Chapin, and T.L. Pons (on reserve in the library)

- No materials

Original literature

Hoffman, W.A., E.L. Geiger, S.B. Gotch, D.R. Rossatto, L.C.R. Silva, O.L. Lau, M. Haridasan, and A.C. Franco. 2012. Ecological thresholds at the savanna-forest boundary how plant traits, resources and fire govern the distribution of tropical biomes. *Ecology Letters* 15:759-768. doi:10.1111/j.1461-0248.2012.01789.x.

Prentice, I.C., W. Cramer, S.P. Harrison, R. Leemans, R.A. Monserud, and A.M. Solomon. 1992. A global biome model based on plant physiology and dominance, soil properties and climate. *Journal of Biogeography* 19:117-134.

Salazar, L.F., C.A. Nobre, and M.D. Oyama. 2007. Climate change consequences on the biome distribution in tropical South America. *Geophysical Research Letters* 34:L09708, doi:10.1029/2007/GL029695.

Stephenson, N.L. 1998. Actual evapotranspiration and deficit: biologically meaningful correlates of vegetation distribution across spatial scales. *Journal of Biogeography* 25:855-870.