

Recent Publications:

White, E. P., P. B. Adler, W. K. Lauenroth, R. A. Gill, D. Greenberg, D. M. Kaufman, A. Rassweiler, J. A. Rusak, M. D. Smith, J. R. Steinbeck, R. B. Waide, and J. Yao. 2006. A comparison of the species-time relationship across ecosystems and taxonomic groups. *Oikos* 112:185-195.

Adler, P. B., M. F. Garbulski, J. M. Paruelo, and W. K. Lauenroth. 2006. Do abiotic differences explain contrasting graminoid functional traits in sagebrush steppe, USA and Patagonian steppe, Argentina. *Journal of Arid Environments* 65:62-82.

Bradford, J. B., W. K. Lauenroth, I. C. Burke, and J. M. Paruelo. 2006. The influence of climate, soils, weather, and land use on primary production and biomass seasonality in the US Great Plains. *Ecosystems* 9: 934-950.

Lauenroth, W. K. and J. B. Bradford. 2006. Ecohydrology and the partitioning AET between transpiration and evaporation in a semiarid steppe. *Ecosystems* 9:756-767.

Lauenroth, W. K., A. A. Wade, M. A. Williamson, B. Ross, S. Kumar, and D. P. Cariveau. 2006. Uncertainty in calculations of net primary production for grasslands. *Ecosystems* 9:843-851.

Bradford, J. B. and W. K. Lauenroth. 2006. Controls over invasion of *Bromus tectorum*: The importance of climate, soil, disturbance, and seed availability. *Journal of Vegetation Science* 17: 693-704.

Wells, F. H. and W. K. Lauenroth. 2007. The potential for horses to disperse alien plants along recreational trails. *Rangeland Ecology and Management* 60:574-577.

Adler, P.B., W. R. Tyburcz, and W. K. Lauenroth. 2007. Long-term mapped quadrats from Kansas prairie: A unique source of demographic information for herbaceous plants. *Ecology* (in press)

Oyarzabal, M., J. M. Paruelo, F. Del Pino, M. Oesterheld, and W. K. Lauenroth. 2007. Trait differences between grass species along a climatic gradient in South and North America. *Journal of Vegetation Science* (published online 20 December 2007).

Hwang, B. C., and W. K. Lauenroth. 2007. Effect of nitrogen, water and neighbor density on the growth of *Hesperis matronalis* and two native perennials. *Biological Invasions* (Published online 22 September 2007)

Wells, F. H., W. K. Lauenroth, and J. B. Bradford. Recreational trails as corridors for alien plants in the Rocky Mountains, USA. *Journal of Applied Vegetation Science* (submitted April 2007).

Munson, S. M. and W. K. Lauenroth. Plant population and community responses to removal of the dominant species. *Journal of Vegetation Science* (submitted November 2007).