

Petra N. Spiess
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Education

B.S. Environmental Resources. Arizona State University
M.S. Ecology. Colorado State University

Work History

Aug 1997-Mar 2000

Graduate Student Assistant
Colorado State University
Supervisor Dr. Bill Lauenroth

Responsibilities: Design and implementation of plant ecology experiments in the field and laboratory. Teaching and mentoring undergraduate students in science. Library research. Data collection and analysis. Authorship of technical scientific articles.

Mar 2000-Nov 2004

Research Scientist
Colorado State University-Department of Forestry, Rangeland, and Watershed
Stewardship
Supervisor Dr. Ingrid Burke

Responsibilities: Authorship of technical scientific articles. Design and implementation of plant ecology and biogeochemistry experiments in the field and laboratory. Data collection and statistical analysis. Authorship of technical annual reports to funding sources. Library research.

Citations

Lowe, P. N., Lauenroth, W. K., and I. C. Burke. 2002. Effects of nitrogen availability on the growth of native grasses and exotic weeds. *Journal of Range Management*. 55:94-98.

Lowe, P. N., Lauenroth, W. K., and I. C. Burke. 2003. Effects of nitrogen availability on competition between *Bromus tectorum* and *Bouteloua gracilis*. *Plant Ecology*. 167(2):247-254.

Burke, I. C., Lauenroth, W. K., Cunfer, G., Barrett, J. E., Mosier, A., and P. Lowe. 2002. Nitrogen in the central grasslands region of the United States. *BioScience*. 52(9):813-823.

Murphy, K. L., Burke, I. C., Vinton, M., Aguiar, M. R., Wedin, D. A., Virginia, R. A., and P. N. Lowe. 2002. Regional analysis of litter quality in the central grassland region of North America. *Journal of Vegetation Science*. 13:395-402.

Aug 1997-Present

Freelance Author

Publications Written for:

Cottage Living Magazine

Colorado Parent

Pediatrics for Parents

Pet Product News (industry magazine for pet stores)

Reptiles Magazine

Reptile & Amphibian Magazine (now defunct)

Vivarium Magazine (now defunct)

Reptile Hobbyist (now defunct)