

Samuel Eric Jordan

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Education

Ph.D. Environmental Life Sciences
Arizona State University
School of Life Sciences
Advisor: Dr. Osvaldo Sala

Expected Graduation: May 2022
Tempe, AZ

Master of Environmental Science
Yale University
Yale School of Forestry and Environmental Studies

May 2018
New Haven, CT

Thesis: *Plant richness patterns in big sagebrush ecosystems in relation to soil water availability and domestic livestock grazing pressure*
Advisor: Dr. William Lauenroth

Bachelor of Science
The University of Tennessee
Major: Forestry, Concentration: Natural Resource Management
Major GPA: 3.9/4.0
Overall GPA: 3.6/4.0 Magna Cum Laude

December 2010
Knoxville, TN

Publications

Lindquist, L., Palmquist, K., **Jordan, S.**, and W. Lauenroth. *In review*. Climate change impacts on groundwater recharge in Wyoming big sagebrush ecosystems are contingent on elevation. *Western North American Naturalist*

Jordan, S., Palmquist, K., Bradford, J., and W. Lauenroth. *In prep*. Ecohydrological controls of plant species richness in big sagebrush communities. Target journal: *Ecology*

Jordan, S., Palmquist, K., and W. Lauenroth. *In prep*. Long-term responses of vegetation composition and structure along a grazing intensity gradient in big sagebrush communities. Target Journal: *Journal of Applied Ecology*

Palmquist, K., **S. Jordan**, J. Bradford, D. Schlaepfer & W. Lauenroth. *In prep*. Resource quantity and resource heterogeneity shape species richness and beta-diversity patterns in big sagebrush plant communities. Target journal: *Ecology*

Presentations

2018 Jordan, S.E., K.A. Palmquist, J.B. Bradford & W.K. Lauenroth. Soil water availability shapes plant species richness in big sagebrush communities. ESA Annual Meeting, New Orleans, LA.

2017 S. Jordan Climate forecasts and ecohydrological controls of plant communities on the Wind River Indian Reservation. Wind River Water Resource Control Board. Fort Washakie, WY

Johnson, J., Carr, M., **Jordan, S.**, and D. S. Buckley. 2009. Influence of aspect on woody plants in the North Cumberland Mountains. Proceedings, Society of American Foresters National Convention, September 30th - October 4th, 2009, Orlando, FL.

Grants

2017 Yale School of Forestry & Environmental Studies Wildlands Wildlife Fund- I received this grant to support my summer 2017 research efforts. "Biodiversity in Big Sagebrush" \$2,500

2015 Great Outdoors Colorado- Trails in State Parks- I authored and assisted in the implementation of these funds to improve handicap access within the Arkansas River Recreation Area. "The Sawatch Trail Restoration Project" \$40,862

Science Communication and Outreach

- Youth Science Enrichment Program- New Haven, CT, 2017, 2018
- Yale Science Diplomats- Science in the News, New Haven, CT, 2016, 2017
- Nathan Hale School- Science Fair Judge, New Haven, CT, 2017
- Worthington Hooker School- Science Fair Judge New Haven, CT, 2017

Recognition

- Graduate College Fellowship Award 2018
- Morris K. Udall Scholar, Udall Foundation 2009
- Most Outstanding Freshman, Forestry 2007

Memberships

- Ecological Society of America- Member
- Society for Range Management- Member
- The Society of American Foresters- Member
- The Society of American Foresters- Yale Student Chapter, UTK Student Chapter