

NATURAL RESOURCE ECOLOGY & MANAGEMENT DEPARTMENT PUBLICATIONS 2021

--Bold denotes NREM faculty (or NREM staff if no faculty)

--Asterisk denotes lead author who is a post-doc, graduate student or research support staff mentored by NREM faculty.

--Double asterisk is undergraduate as lead author.

2021 (108)

*Adhikari, A., R.E. Masters, H. Adams, K. Mainali, **C.B. Zou**, **O. Joshi**, and **R.E. Will**. 2021. Effects of climate variability and management on shortleaf pine radial growth across a forest-savanna continuum in a 34-year experiment. *Forest Ecology and Management* 491: 119125.

<https://doi.org/10.1016/j.foreco.2021.119125>; IF: 3.56.

*Adhikari, A., R. Masters, K. Mainali, **C.B. Zou**, **O. Joshi**, and **R.E. Will**. 2021. Management and climate variability effects on understory productivity of forest and savanna ecosystems in Oklahoma, USA. *Ecosphere* 12: e03576. IF: 3.17.

Allred, B.W., B.T. Bestelmeyer, C.S. Boyd, C. Brown, K.W. Davies, M.C. Duniway, L.M. Ellsworth, T.A. Erickson, **S.D. Fuhlendorf**, T.V. Griffiths, V. Jansen, M.O. Jones, J. Karl, A. Knight, J.D. Maestas, J.J. Maynard, S.E. McCord, D.E. Naugle, H.D. Starns, D. Twidwell, and D.R. Uden. 2021. Improving Landsat predictions of rangeland fractional cover with multitask learning and uncertainty. *Methods in Ecology and Evolution* 12:841–849. DOI: 10.1111/2041-210X.13564

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Bruckerhoff, L.A., L.K. Kamees, A. Holycross, and C. Painter. 2021. Patterns of survival and reproductive status of communally denning *Crotalus viridis*. Ichthyology and Herpetology (formerly Copeia) 109:64–74.

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*Chapagain, B., **J.M. Long,** A.T. Taylor, and **O. Joshi.** 2021. Variation in black bass angler characteristics by stream size and accessibility in Oklahoma's Ozark Highland streams. North American Journal of Fisheries Management 41:585–599. DOI:10.1002/nafm.10565. IF: 1.49.

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*Cleary, M., **O. Joshi,** and **W.S. Fairbanks.** 2021. Mapping and modeling the components of human tolerance for black bears in Eastern Oklahoma. Journal of Environmental Management. 288: 112378. <https://doi.org/10.1016/j.jenvman.2021.112378>. IF: 6.79.

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Dinkins, J., **C.J. Duchardt**, J.D. Hennig, and J.L. Beck. 2021. Changes in hunter management to reduce harvest pressure on greater sage-grouse:1995-2018. *PLoS One* 16:1–17. <https://doi.org/10.1371/journal.pone.0253635>

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*Gonzalez, A., **J.M. Long**, N.J.C. Gosch, A.P. Civiello, T.R. Gemeinhardt, and J. Hall. 2021.

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*Hafen, T., A.T. Taylor, D.A. Hendrickson, D.R. Stewart, and **J.M. Long**. 2021. Environmental conditions associated with occurrences of the threatened Yaqui Catfish in the Yaqui River basin, Mexico. *North American Journal of Fisheries Management* 41(S1): S54-S63. DOI: 10.1002/nafm.10653. IF: 1.49.

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