

# NATURAL RESOURCE ECOLOGY & MANAGEMENT DEPARTMENT

## PUBLICATIONS 2018

--Bold denotes NREM faculty

--Asterisk denotes post-doc or graduate student as senior author mentored by NREM faculty

### 2018 (93)

Acharya, B.\*, G. Kharel, **C.B. Zou**, B. Wilcox, and T. Halihan. 2018. Woody plant encroachment impacts on groundwater recharge: A review. *Water*, 10(10), p.1466. <https://doi.org/10.3390/w10101466>.

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**Ansley, R.J.**, T. Zhang and C. Cooper. 2018. Soil moisture, grass production and mesquite resprout architecture following mesquite above-ground mortality. *Water* 10, doi:10.3390/w10091243.

Atuo, F.A.\*, P. Saud, C. Wyatt, B. Determan, J. Crose, and **T.J. O'Connell**. 2018. Are oil and natural gas development sites ecological traps for nesting killdeer? *Wildlife Biology*. doi:10.2981/wlb.00476.

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Bodine, K.A., J.W. Schlechte, and **D.E. Shoup**. 2018. An indirect method for estimating size-specific exploitation. *North American Journal of Fisheries Management* 38:1085-1090.

**Brewer, S.K.**, T.A. Worthington, R. Mollenhauer, D.R. Stewart, R.A. McManamay, L. Guertault, and D. Williams. 2018. Synthesizing models useful for ecohydrology and ecohydraulic approaches: An emphasis on integrating models to address complex research questions. *Ecohydrology* 11(7): <https://doi.org/10.1002/eco.1966>.

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Cobb, A.B.\*, and **G.W.T. Wilson**. 2018. Agricultural practices and their impact on the abundance of arbuscular mycorrhizal fungi in farm soils in rural eastern Zambia. *Pedobiologia* 69: 11-16.

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**Fuhlendorf, S.D., C.A. Davis, R.D. Elmore, L.E. Goodman, and R.G. Hamilton**. 2018. Perspectives on grassland conservation efforts: should we rewild to the past or conserve to the future. *Philosophical Transactions of the Royal Society of London, B, Biological Sciences* <https://doi.org/10.1098/rstb.2017.0438>

Gosch, N.J.C., A.P. Civiello, T.R. Gemeinhardt, J.L. Bonneau, and **J.M. Long**. 2018. Are Shovelnose Sturgeon a valid diet surrogate for endangered Pallid Sturgeon during the first year of life? *Journal of Applied Ichthyology* 34: 39-41.

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**Joshi, O.**, C. Fontanier., D. Harris, N. Poudyal., and G. Kharel. 2018. Determinants of public golf course visitation and willingness to pay for turf quality enhancement: A case study from Oklahoma, USA. *Journal of Cleaner Production* 205: 814-820.

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Kharel, G.\* , **O. Joshi**, R. Miller, and C. Zou. 2018. Perceptions of government and research expert groups and their implications for watershed management in Oklahoma, USA. *Environmental Management* 62 (6): 1048-1059.

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