

List of Publications

Dr. Toni Klemm

Journal articles (peer reviewed)

Klemm, T., & McPherson, R. A. (2017). The development of seasonal climate forecasting for agricultural producers. *Agricultural and Forest Meteorology*, 232, 384–399.

<https://doi.org/http://dx.doi.org/10.1016/j.agrformet.2016.09.005>

Klemm, T., & McPherson, R. A. (2018). Assessing Decision Timing and Seasonal Climate Forecast Needs of Winter Wheat Producers in the South-Central United States. *Journal of Applied Meteorology and Climatology*, 57(9), 2129–2140.

<https://doi.org/10.1175/jamc-d-17-0246.1>

Klemm, T., Briske, D. D., & Reeves, M. C. (2020a). Vulnerability of Rangeland Beef Cattle Production to Climate-Induced NPP Fluctuations in the U.S. Great Plains. *Global Change Biology*, 26, 4841–4853. <https://doi.org/10.1111/gcb.15202>

Klemm, T., Briske, D. D., & Reeves, M. C. (2020b). Potential Natural Vegetation and NPP Responses to Future Climates in the U.S. Great Plains. *Ecosphere*, 11(10), e03264.

<https://doi.org/https://doi.org/10.1002/ecs2.3264>

Hunt, E. D., Walters, C., **Klemm, T.**, & Eronmwon, I. (2020). Seasonal Forecast Based Preharvest Hedging. *Cornhusker Economics*.

https://digitalcommons.unl.edu/agecon_cornhusker/1079/

Schulz, T. T., Wilmer, H., Yocum, H., Winford, E., Peck, D., Monlezun, A. C., Schmalz, H., **Klemm, T.**, Epstein, K., Jansen, V., Kelley, W., Bruegger, R., Fick, S., Wolf, J. G., Grace, J., Mann, R., & Derner, J. (2021). Campfire Conversations at the 2020 annual meeting: Insights & lessons learned from “cuss-and-discuss” rather than “chalk-and-talk.” *Rangelands*, 43(4), 166–172. <https://doi.org/https://doi.org/10.1016/j.rala.2021.04.003>

Guckian, M. L., Markowitz, E. M., Tucker, C. S., Kiekebusch, E., **Klemm, T.**, Middleton, L., Wooten, A., & Staudinger, M. D. (2021). Assessing the impact of an online climate science community: The Early Career Climate Forum. *Weather, Climate, and Society*, 13(2), 315–325. <https://doi.org/10.1175/WCAS-D-20-0150.1>

Briske, D. D., Ritten, J. P., Campbell, A. R., **Klemm, T.**, & King, A. E. H. (2021). Future climate variability will challenge rangeland beef cattle production in the Great Plains. *Rangelands*, 43(1), 29–36. <https://doi.org/10.1016/j.rala.2020.11.001>

Klemm, T., & Briske, D. D. (2021). Retrospective Assessment of Beef Cow Numbers to Climate Variability Throughout the U.S. Great Plains. *Rangeland Ecology & Management*, 78, 273–280.

<https://doi.org/https://doi.org/10.1016/j.rama.2019.07.004>

Other

Story Maps

[Ranching in a Warming World – Is U.S. rangeland cattle production ready for climate change?](#) (Adobe Spark)

Blog posts (selection)

[A Figure is Worth a Thousand Words – The Power of Data Visualization](#) (April 2021)

[The Complex World of Drought Management on Ranches](#) (October 2017)

[From Paris to the Class Room](#) (February 2016)

[Modeling the 2000-2012 Global Warming Hiatus](#) (November 2013)