

**NC1190 2020 Annual Report
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<p>Ahmed, S. and D. Jackson-Smith. 2019. "Impacts of spatial patterns of rural and exurban residential development on agricultural trends in the Intermountain West." Sage Open, July-Sept 2019: 1-15. https://journals.sagepub.com/doi/10.1177/2158244019871037</p>
<p>Avemegah, Edem, Wei Gu, Abdelrahim Abulbasher, Kristen Koci, Ayorinde Ogunyiola, Joyce Efulful, Shuang Li, Kylie Barington, Tong Wang, Deepthi Kolady, Lora Perkins, Joshua Leffler, Peter Kovacs, Jason Clark, David Clay, and Jessica D. Ulrich-Schad. 2020. "An Examination of Best Practices for Survey Research with Agricultural Producers." Society and Natural Resources. DOI: 10.1080/08941920.2020.1804651.</p>
<p>Barnett, M., Jackson-Smith, D., J. Endter-Wada, and M. Haeffner. 2020. "A multilevel analysis of the drivers of household water consumption in a semi-arid region." Science of the Total Environment 712:136489. https://doi.org/10.1016/j.scitotenv.2019.136489</p>
<p>Burbach, M. E., & Reimers-Hild, C. (2019). Developing water leaders as catalysts for change: The Nebraska Water Leaders Academy. Journal of Contemporary Water Research & Education, 167, 6-22. https://doi.org/10.1111/j.1936-704X.2019.03308.x</p>
<p>Burbach, M. E., Floress, K., & Prokopy, L. (2019). Catalyzing change: Social science for water resource management. Journal of Contemporary Water Research & Education, 167, 1-5. https://doi.org/10.1111/j.1936-704X.2019.03307.x</p>
<p>Church, S.P., J. Lu, P. Ranjan, A.P. Reimer, L.S. Prokopy. (2020). The role of systems thinking in cover crop adoption: Implications for conservation communication. Land Use Policy. 94: 104508.</p>
<p>Church, Sarah P., Nicholas Babin, Belyna Bentlage, Michael Dunn, Jessica D. Ulrich-Schad, Pranay Ranjan, Joe Wagner, Eileen McLellan, Susi Stephan, Mark Tomer, Linda S. Prokopy. 2019. "The Beargrass Story: Utilizing social science to evaluate and learn from the 'watershed approach.'" Journal of Contemporary Water Resources and Education (167):78-96.</p>
<p>Delozier, J., & Burbach, M.E. (2020). The need for boundary spanners in integrated water resource management. In Goldstein, M. & D. DellaSala (Eds.), Encyclopedia of World Biomes. Amsterdam: Elsevier.</p>
<p>Easton, Z., E. Bock, K. Stephenson. 2019. Feasibility of Using Woodchip Bioreactors to Treat Legacy Nitrogen to Meet Chesapeake Bay Water Quality Goals. Environmental Science and Technology, 53 (21): 12291-12299.</p>
<p>Eaton, W. M., F. R., Eanes, J. D., Ulrich-Schad, M., Burnham, S. P., Church, J. Arbuckle, J. Cross. 2019. Trouble with Sense of Place in Working Landscapes. Society & Natural Resources, 32(7), 827-840. https://doi.org/10.1080/08941920.2019.1568653</p>
<p>Eaton, Weston M., Morey Burnham, Katrina Running, C. Clare Hinrichs, & Theresa Selfa. 2019. "Symbolic meanings, landowner support, and dedicated bioenergy crops in the rural northeastern United States." Energy Research & Social Science 52:247-257.</p>
<p>Floress, K. Thompson, A. Fisher C.L. 2019. Assessing Principles of Good Governance: The Case of Lake Wausau, Wisconsin https://onlinelibrary.wiley.com/doi/10.1111/j.1936-704X.2019.03314.x</p>
<p>G. Roesch-McNally, J.G. Arbuckle, J. Benning, L.W. Morton and A. Wilke. 2019. University extension communities of practice: Learning, communicating, and engaging on climate change adaptation and mitigation in the United States Corn Belt. Pp. 180-193, In: Lachapelle, P., & D. Albrecht. (Eds.), Addressing Climate Change at the Community Level in the United States. New York: Routledge.</p>
<p>Gardezi, M. and J.G. Arbuckle. 2019. The influence of objective and perceived adaptive capacities on Midwestern farmers' use of cover crops. Weather, Climate, and Society. 11(3): 665-679. https://doi.org/10.1175/WCAS-D-18-0086.1</p>

Haigh, T.R., Otkin, J.A., Mucia, A., Hayes, M., & Burbach, M. E. (2019). Drought early warning and the timing of range managers' drought response. <i>Advances in Meteorology</i> , 2019, Article 9461513. https://doi.org/10.1155/2019/9461513
Joshi, Deepak, Jessica D. Ulrich-Schad, Tong Wang, Sharon A. Clay, Barry D. Dunn, Stephanie A.H. Bruggeman, and David E. Clay. 2019. "Grassland Retention During Periods of High Commodity Prices and Climate Variability Pressures in the North America Midwest." <i>Soil Science Society of America Journal</i> 83:1290-1298.
Medina, G.S., C. Isley, and J. Arbuckle. 2020. Promoting sustainable agriculture: Iowa stakeholders' perspectives on the U.S. Farm Bill conservation programs. <i>Environment, Development and Sustainability</i> . https://doi.org/10.1007/s10668-019-00572-5
Perry, V. & Davenport, M.A. (2020). An inductive self-efficacy framework to understand and support conservation agriculture. <i>Journal of Soil and Water Conservation</i> . 75(2), 198-208.
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Prokopy, Linda S. Benjamin Gramig, Alisha Bower, Sarah Church, Brenna Ellison, Kristin Floress, Phil Gassman, Ken Genskow, Douglas Gucker, Stephen Hallett, Jason Hill, Natalie Hunt, Kris Johnson, Ian Kaplan, Paul Kelleher, Hans Kok, Michael Komp, Peter Lammers, Sarah LaRose, Matthew Liebman, Andrew Margenot, David Mulla, Michael O'Donnell, Alex Peimer, Elizabeth Reaves, Kara Salazar, Chelsea Schelly, Keith Schilling, Silvia Secchi, Aslihan Spaulding, David Swenson, Aaron Thompson, and Jessica Ulrich-Schad. 2020. "The Urgency of Transforming the Midwestern U.S. Landscape into More than Corn." <i>Agriculture and Human Values</i> .
Ranjan, P., & Witter, J. D. (2020). "Promoting adoption of two-stage agricultural drainage ditches: A change agent perspective." <i>PLOS One</i> . 15(3). https://doi.org/10.1371/journal.pone.0229969
Ranjan, P., C.B. Wardropper, F. Eanes, S. Reddy, Y. Masuda, L. Prokopy. 2019. Understanding barriers and opportunities for adoption of conservation practices on rented cropland. 2019. <i>Land Use Policy</i> . 80, 214-223. doi: 10.1016/j.landusepol.2018.09.039
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Wang, Tong, Zheng Xu, Deepthi Kolady, and Jessica D. Ulrich-Schad, and David Clay. Accepted. "Cover Crops Usage in South Dakota: Perceived Profitability and Future Adoption Decisions." <i>Journal of Agricultural and Resource Economics</i> .

Wardropper, C.B., A. R. Rissman. 2019. Adaptations to extreme storm events by conservation organizations. *Climatic Change*, 152(1), 85-101. doi: 10.1007/s10584-018-2342-8

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