

Table of Contents

A SECTION

FEATURES

- 35A Advancing understanding of conservation practices on rented land**
Peggy Petrzela, Matthew J. Barnett, Gabrielle Roesch-McNally, and Jennifer Filipiak

- 41A Leading at the edge: A roadmap to advance edge of field practices in agriculture**
Catherine DeLong, Clare Lindahl, and Kris Johnson

CONSERVATION IN PRACTICE

- 44A Mapping the Soil Vulnerability Index across broad spatial extents to guide conservation efforts**
Ellen M. Audia, Lisa A. Schulte, and David E. James

A SECTION Call for Papers

Are you working on cutting edge research in soil and water conservation? Does your work involve new tools, technologies, or materials that others should be aware of? Have you observed or been a part of conservation practices that are worth sharing with the journal audience?

If you answered “Yes” to any of these questions, you are invited to submit your article ideas for the A Section of the *Journal of Soil and Water Conservation*.

Your work could be published in one of the A Section topic areas: Conservation in Practice, Viewpoint, Ideas & Innovations, Conservation in Action, In the News, Feature, etc.

To submit your article ideas or for more information, contact editor Annie Binder at annie.binder@swcs.org



On the Cover
 Winter crop covered with
 ice crystals and frost.
 Photo by rsooll.



Printed on 100% post-consumer
 waste recycled paper with
 vegetable-based inks.

RESEARCH SECTION

- 103 Erosion and sediment delivery in southern Iowa watersheds: Implications for conservation planning**
 M.T. Streever, K.E. Schilling, C.L. Burras, and C.F. Wolter
- 116 Impact of no-tillage on water purification and retention functions of soil**
 K. Skaalsveen and L. Clarke
- 130 A spatial analysis of high and low farmer participation in the USDA Natural Resources Conservation Service Conservation Technical Assistance program in West Virginia**
 M.D. Oliver and M.P. Strager
- 142 Plant morphological and functional characteristics combined with elevation and aspect influence phytogenic mound parameters in a dry-hot valley**
 J. Li, Y. Liu, J. Wu, J. He, Y. Cui, Q. Luo, D. Wang, L. Pedersen, and Y. Lin
- 153 A new approach for calculating the slope length factor in the Revised Universal Soil Loss Equation**
 Q. Wu, Y. Chen, J.P. Wilson, H. Tan, and T. Chu
- 166 Risk, cost-share payments, and adoption of cover crops and no-till**
 K.M. Campbell, C.N. Boyer, D.M. Lambert, C.D. Clark, and S.A. Smith
- 175 Manure injection alters the spatial distribution of soil nitrate, mineralizable carbon, and microbial biomass**
 A.M. Bierer, R.O. Maguire, M.S. Strickland, R.D. Stewart, and W.E. Thomason

Copyright © 2021 Soil and Water Conservation Society. All rights reserved.
 Journal of Soil and Water Conservation 76(2):35A-189 www.swcs.org

JOURNAL OF SOIL AND WATER
CONSERVATION

o n l i n e

The *Journal of Soil and Water Conservation* is online.

AUTHORS

Please submit manuscripts using the online
 manuscript review system.

MORE INFORMATION

Go to www.jswconline.org