

## Table of Contents

### A SECTION

#### FEATURE

- 37A **To protect and conserve: Fifty years of Nebraska's Natural Resources Districts**

Alan J. Bartels

#### VIEWPOINT

- 43A **Sustaining soil for advancing peace: World is one family**

Rattan Lal

### 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](mailto:annie.binder@swcs.org)



**On the Cover**  
Irrigated field in west  
central Texas.  
Photo by Joel Dunn.



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

## RESEARCH SECTION

- 221** **Crop residue cover dynamics for wind erosion control in a dryland, no-till system**  
C. Schnarr, M. Schipanski, and J. Tatarko
- 230** **Influence of poultry litter on nutrient availability and fate in plant-soil systems: A meta-analysis**  
Y. Lin, D.B. Watts, and G.B. Runion
- 240** **Soil loss due to harvesting of peanut and cassava under traditional farming systems: Cost implications of soil nutrient loss**  
S.O. Oshunsanya, V.M. Samson, and H. Yu
- 249** **Simulating behavioral heterogeneity in watershed models: A systematic review of fertilizer use in SWAT studies**  
L. Arrueta, D. Jackson-Smith, and M. Kalcic
- 261** **Cover crops may exacerbate moisture limitations on South Texas dryland farms**  
S. Kasper, F. Mohsin, L. Richards, and A. Racelis
- 270** **“How can you put a price on the environment?” Farmer perspectives on stewardship and payment for ecosystem services**  
A.C. White, J.W. Faulkner, D.S. Conner, V.E. Méndez, and M.T. Niles
- 284** **Capture of surface water runoff for irrigation of corn in western Illinois: Implications for nutrient loss reduction**  
O. Oladeji, G. Tian, R. Cooke, A. Cox, H. Zhang, and E. Podczewinski
- 292** **Estimates of soil erosion and best management practice effectiveness at forestry stream crossings in North Carolina**  
A.J. Lang, W.A. Coats, T.A. Gerow Jr., and W.A. Swartley
- 305** **Management of nutrient export from diffuse sources in watersheds for environmental protection under uncertainty**  
Q. Rong, M. Su, W. Yue, and Y. Cai
- 322** **Physicochemical properties of biochar derived from wood of *Gliricidia sepium* based on the pyrolysis temperature and its applications**  
S. Wakamiya, Y. Kurimoto, H. Sugimoto, Y. Aoki, S. Kato, M. Ogasawara, N. Kanazawa, N. Hosokawa, A. Hayakawa, T. Takahashi, and Y. Ishikawa

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](http://www.jswconline.org)