## Table of Contents

### A SECTION

#### FEATURES

**Moving toward sustainable farming systems: Insights from private and public sector dialogues on nitrogen management**
Adam Reimer, Julie E. Doll, Bruno Basso, Sandra T. Marquart-Pyatt, G. Philip Robertson, Diana Stuart, and Jinhua Zhao

**Fluffy soil syndrome: When tilled soil does not settle**
Aaron Lee M. Daigh and Jodi DeJong-Hughes

#### 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
RESEARCH SECTION

1  Upper Susquehanna watershed and New York State improvements in nitrogen and phosphorus mass balances of dairy farms  
   S. Cela, Q.M. Ketterings, M. Soberon, C. Rasmussen, and K.J. Czymmek

12  Impact of Eastern redcedar encroachment on stream discharge in the North Canadian River basin  
    P.J. Starks and D.N. Moriasi

26  Relationship between suspended sediment concentration and turbidity at construction sites  
    R. Perkins, B.N. Wilson, J.S. Gulliver, and B. Hanson

36  The effects of erosional topography on soil properties in a Pinus massoniana forest in southern China  
    B. Wang, Y. Wang, and L. Wang

45  Nitrate reduction in groundwater and isotopic investigation of denitrification in integrated tree-grass riparian buffers in Taihu Lake watershed, eastern China  
    X.L. Bu, C.X. Zhao, F.Y. Han, J.H. Xue, and Y.B. Wu

55  Effect of tillage and compost amendment on turfgrass establishment on a compacted sandy loam  
    C.J. Schmid, J.A. Murphy, and S. Murphy

65  Surface and subsurface phosphorus export from agricultural fields during peak flow events over the nongrowing season in regions with cool, temperate climates  
    C.J. Van Esbroeck, M.L. Macrae, R.R. Brunke, and K. McKague

77  Cadmium accumulation and distribution in plants of three durum wheat cultivars under different agricultural environments in Chile  
    J. Hirzel, J. Retamal-Salgado, I. Walter, and I. Matus

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