

## Table of Contents

### A SECTION

#### VIEWPOINT

- 31A** **What contributions are invasive plant species making to ecosystem services?**  
Stephen L. Young

#### IDEAS & INNOVATIONS

- 33A** **People in Ecosystems/Watershed Integration: A dynamic watershed tool for linking agroecosystem outputs to land use and land cover**  
Lisa Schulte, James Donahey, Luke Gran, Thomas Isenhardt, and John Tyndall

#### FEATURES

- 37A** **Hugh Hammond Bennett and the creation of the Soil Conservation Service**  
Douglas Helms

- 48A** **Ode to Soil**  
Graeme Buchan

#### TECH TRANSFER BRIEFING

- 55A** **Does pesticide use in rice production in Arkansas lead to environmental problems?**  
John Mattice

- 56A** **Why is China's Blue Revolution so "Blue"? Conservation tillage adoption in China**  
Jinxia Wang

- 57A** **Riparian forests established by the Conservation Reserve Enhancement Program in Virginia: Implications for managers**  
W. Michael Aust

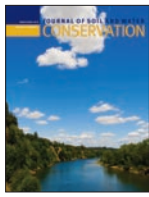
### A SECTION Call for Papers

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 the editor Oksana Gieseman at [oksana.gieseman@swcs.org](mailto:oksana.gieseman@swcs.org).



**On the Cover**  
Big white cloud over the river.  
Photo by Andy Z.



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

## RESEARCH SECTION

- 63** **Effects of the resolution of soil dataset and precipitation dataset on SWAT2005 streamflow calibration parameters and simulation accuracy**  
D.N. Moriasi and P.J. Starks
- 79** **Assessment of production losses due to water erosion in rainfed areas of India**  
V.N. Sharda, P. Dogra, and C. Prakash
- 92** **Spatial resolution of soil data and channel erosion effects on SWAT model predictions of flow and sediment**  
R. Mukundan, D.E. Radcliffe, and L.M. Risse
- 105** **Evaluation of riparian forests established by the Conservation Reserve Enhancement Program (CREP) in Virginia**  
B.N. Bradburn, W.M. Aust, C.A. Dolloff, D. Cumbia, and J. Creighton
- 113** **Why is China's Blue Revolution so "Blue"? The determinants of conservation tillage in China**  
J. Wang, J. Huang, L. Zhang, S. Rozelle, and H.F. Farnsworth
- 130** **Analysis of river water for rice pesticides in eastern Arkansas from 2002 to 2008**  
J.D. Mattice, B.W. Skulman, R.J. Norman, and E.E. Gbur Jr.
- RESEARCH EDITORIAL**
- 141** **Sustainable use of soils and time**  
K. Kümmerer, M. Held, and D. Pimentel

JOURNAL OF SOIL AND WATER  
**CONSERVATION**  
**o n l i n e**

The *Journal of Soil and Water Conservation* has launched online.

### AUTHORS

Please submit manuscripts using the new online manuscript review system.

### MORE INFORMATION

Go to [www.jswconline.org](http://www.jswconline.org)