

Table of Contents

A SECTION

IDEAS & INNOVATIONS

- 31A** **Disentangling road network impacts: The need for a holistic approach**
Michael C. Duniway and Jeffrey E. Herrick
- 37A** **Web 2.0 spatial data browser for visualizing land-use assessment information from soil surveys**
Surendran Neelakantan, Tom Mueller, Brian Lee, Brad Lee, Paul Finnell, Vernon Bumgardner, and Dan Carey
- 40A** **Calibrating the USLE P-factor using program FLUVIAL-12**
Wayne W. Chang, Theodore V. Hromadka, and Howard H. Chang
- ### FEATURES
- 45A** **Invasive plant species as potential bioenergy producers and carbon contributors**
Stephen L. Young, Gayathri Gopalakrishnan, and Deepak R. Keshwani
- 51A** **On the ratio of wind- to water-driven sediment transport: Conserving soil under global-change-type extreme events**
Jason P. Field, David D. Breshears, Jeffrey J. Whicker, and Chris B. Zou

RESEARCH SECTION

- 87 Risk preferences as determinants of soil conservation decisions in Ethiopia**
H. Teklewold and G. Köhlin
- 97 Effectiveness of wood waste material for improving infiltration and reducing interrill soil loss in clay-rich volcanic soil**
H. Andry, M. Inoue, and S. Moritani
- 104 Yield and water use response of winter wheat to winter irrigation in the North China Plain**
L.W. Shao, X.Y. Zhang, H.Y. Sun, S.Y. Chen, and Y.M. Wang
- 114 Agronomic and economic evaluation of various furrow irrigation strategies for corn production under limited water supply**
D.J. Nelson and M.M. Al-Kaisi
- 122 Financial and environmental consequences of a voluntary farm environmental assurance program in Michigan**
C. Vollmer-Sanders, C. Wolf, and S.S. Batie
- 132 Runoff water quality and vegetative establishment for groundcovers on steep slopes**
D.L. Babcock and R.A. McLaughlin
- 142 Estimation of combined splash, interrill, and rill erosion using a hillslope erosion numerical model: An application to dry lands of Chile**
A. Dussailant