



Table of Contents

A SECTION

FEATURE

- 99A** **Managing plant surplus carbon to generate soil organic matter in regenerative agriculture**
Cindy E. Prescott, Yichao Rui, M.Francesca Cotrufo, and Sue J. Grayston

VIEWPOINT

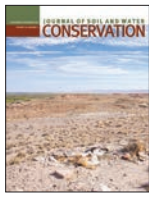
- 105A** **United Nations Food Systems Summit: What is the role of soil health in putting the Sustainable Development Goals on track?**
Rattan Lal

STATEMENT OF OWNERSHIP, MANAGEMENT, AND CIRCULATION

1. Publication Title: Journal of Soil and Water Conservation. **2. Publication Number:** 0282-8800. **3. Filing Date:** September 24, 2021. **4. Issue Frequency:** Bimonthly (January/February, March/April, May/June, July/August, September/October, November/December). **5. Number of Issues Published Annually:** Six (6). **6. Annual Subscription Price:** \$140. **7. Complete Mailing Address of Known Office of Publication:** 945 SW Ankeny Rd., Ankeny, IA 50023-9764. **8. Complete Mailing Address of the Headquarters of General Business Offices of Publisher:** 945 SW Ankeny Rd., Ankeny, IA 50023-9764. **9. Full Names and Complete Addresses of Publisher, Editor, and Managing Editor:** Publisher: Soil and Water Conservation Society, 945 SW Ankeny Rd., Ankeny, IA 50023-9764. Editor: Annie Binder, Soil and Water Conservation Society, 945 SW Ankeny Rd., Ankeny, IA 50023-9764. **10. Owner:** Soil and Water Conservation Society, 945 SW Ankeny Rd., Ankeny, IA 50023-9764. **11. Known Bondholders, Mortgagees, and Other Security Holders Owning or Holding 1 Percent or More of Total Amount of Bonds, Mortgages, or Other Securities:** None. **12. Tax Status:** The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes has not changed during preceding 12 months. **13. Publication Title:** Journal of Soil and Water Conservation. **14. Issue Date for Circulation Data Below:** July/August 2021. **15. Extent and Nature of Circulation:**

	Average no. copies each issue during preceding 12 months	No. copies of single issue published nearest to filing date
A. Total No. Copies Printed (net press run)	1,262	1,207
B. Paid Circulation		
1. Mailed Outside-County Paid Subscriptions	1,145	1,087
2. Mailed In-County Paid Subscriptions	0	0
3. Paid Distribution Outside the Mail Including Sales Through Dealers and Carriers, Street Vendors, Counter Sales, and Other Paid Distribution Outside USPS	53	50
4. Paid Distribution by Other Classes of Mail Through the USPS	0	0
C. Total Paid Distribution	1,198	1,137
D. Free or Nominal Rate Distribution		
1. Outside-County	0	0
2. In-County	0	0
3. Other Classes Mailed Through USPS	0	0
4. Free or Nominal Rate Distribution Outside the Mail	0	0
E. Total Free or Nominal Rate Distribution	0	0
F. Total Distribution	1,198	1,137
G. Copies Not Distributed	60	60
H. Total	1,258	1,197
I. Percent Paid	100%	100%
16. Electronic Copy Circulation		
A. Paid Electronic Copies	1,188	1,188
B. Total Paid Print Copies + Paid Electronic Copies	2,386	2,325
C. Total Print Distribution + Paid Electronic Copies	2,386	2,235
D. Percent Paid (Both Print & Electronic Copies)	100%	100%

I certify that 50% of all my distributed copies (Electronic & Print) are paid above a nominal price. **17. Publication of Statement of Ownership:** This publication is a general publication. Publication of this statement is required and will be printed in the November/December 2021 issue of this publication. **18. Signature and Title of Editor, Publisher, Business Manager, or Owner:** Annie Binder, Editor, Soil and Water Conservation Society. I certify that all information furnished on this form is true and complete. I understand that anyone who furnishes false or misleading information on this form or who omits material or information requested on the form may be subject to criminal sanctions (including fines and imprisonment) and/or civil sanctions (including civil penalties).



On the Cover
Arid landscape in Hopi
Reservation, Arizona, USA.
Photo by Traveller70.



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

RESEARCH SECTION

- 475** **Adopting cover crops and buffer strips to reduce nonpoint source pollution: Understanding farmers' perspectives in the US Northern Great Plains**
T. Wang, Y. Fan, Z. Xu, S. Kumar, and B. Kasu
- 487** **Enhancing integration of Indigenous agricultural knowledge into USDA Natural Resources Conservation Service cost-share initiatives**
M.K. Johnson, M.J. Rowe, A. Lien, and L. López-Hoffman
- 498** **Flue gas desulfurization gypsum and grass buffer strip influence on runoff and nutrient loss from inorganically and organically fertilized corn on a US Coastal Plain soil**
D.M. Endale, T.C. Strickland, H.H. Schomberg, D.D. Bosch, O. Pisani, and A.W. Coffin
- 513** **Using artificial neural networks to improve phosphorus indices**
P. Welikhe, S.M. Brouder, J.J. Volenec, M. Gitau, and R.F. Turco
- 527** **Soil health conceptualization differs across key stakeholder groups in the Midwest**
J. Wade, M.A. Beetstra, M.L. Hamilton, S.W. Culman, and A.J. Margenot
- 534** **Transitioning from conventional continuous grazing to planned rest-rotation grazing: A beef cattle case study from central Texas**
R.D. Harmel, D.R. Smith, R.L. Haney, J. Angerer, N. Haile, L. Grote, S. Grote, K. Tiner, J. Goodwin, R. Teague, and J. Derner
- 547** **Carbon, nitrogen, and aggregation index in Ultisol with 11 years of application of animal manures and mineral fertilizer**
A. Loss, B.S. Ventura, V. Müller Júnior, R. Gonzatto, L.F. Zin Battisti, M. Gonçalves Lintemani, M. Eduarda da Costa Erthal, R. Fagan Vidal, G. Scopel, C.R. Lourenzi, G. Brunetto, C. Marchezan, C.A. Ceretta, and J.J. Comin
- 558** **Overcoming barriers to program participation for interested farmers**
C. Téllez, H. Walpole, and R.S. Wilson
- 568** **Effects of organic matter-bound multivalent cations on the internal and external formation of soil aggregates under *Pinus massoniana* forest**
Z.G. Han, Y.C. Zhou, and J.J. Ren
- ERRATUM**
- 577** **Erratum for Xiao et al., Crop type drives soil bacterial community and functional structure on the Loess Plateau terraces of China**
L. Xiao, Y. Huang, J. Zhao, and J. Zhou

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