Copyright © 2006 Soil and Water Conservation Society. All rights reserv Journal of Soil and Water Conservation 61 (5):148A-323 www.swcs.org

JOURNAL OF SOIL AND WATER CONSERVATION



142A TAXING NUTRIENT LOADS

Can environmental taxes help manage nutrient loads?

148A A FUTURE FOR SOIL SCIENCE

A frank discussion on the discipline of soil science, and the trend toward a profound crisis.

By Sandra Hoffmann, James Boyd, and Eleanor McCormick

By Philippe Baveye

DEPARTMENTS

132A HOMEFRONT — THE NEXT 50 YEARS

Column by the Soil and Water Conservation Society executive director

executive directo

134A RAISE YOUR VOICE

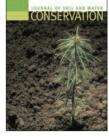
136A NOTEBOOK

Conservation News You Can Use

Letters to the Editor

152A CONSERVOGRAM

The Soil and Water Conservation Society in Action



On the Cover Cover image by PhotoDisc.



RESEARCH

243	TRACKING FARMLAND CONVERSION AND FRAGMENTATION USING TAX PARCEL DATA C.D. Clark, W. Park, and J. Howell
250	PRIORITIZING FARMLAND PRESERVATION COST-EFFECTIVELY FOR MULTIPLE OBJECTIVES E.A. Machado D.M. Stoms, F.W. Davis, and J. Kreitler
258	COMBINING MANAGEMENT PRACTICES TO REDUCE SEDIMENT, NUTRIENTS, AND HERBICIDES IN RUNOFF M.B. Zeiman, K.A. Janssen, D.W. Sweeney, G.M. Pierzynski, K.R. Mankin, D.L. Devlin, D.L. Regehr, M.R. Langemeier, and K.A. McVay
268	COMPOST EFFECT ON WATER RETENTION AND NATIVE PLANT ESTABLISHMENT ON A CONSTRUCTION EMBANKMENT J.W. Singer, R.W. Malone, M.D. Tomer, T.G. Meade, and J. Welch
273	RIPARIAN BUFFER WIDTH AND NITRATE REMOVAL IN A LAGOON-EFFLUENT IRRIGATED AGRICULTURAL AREA T.A. Smith, D.L. Osmond, and J.W. Gilliam
282	MONITORING AND PREDICTING MANURE APPLICATION RATES USING PRECISION CONSERVATION TECHNOLOGY P.E. Cabot, F.J. Pierce, P. Nowak, and K.G. Karthikeyan
293	EVALUATION OF THE EFFECTIVENESS OF VEGETATIVE FILTER STRIPS FOR PHOSPHORUS REMOVAL WITH THE USE OF A TRACER Y.J. Kim, L.D. Geohring, J.H. Jeon, A.S. Collick, S.K. Giri, and T.S. Steenhuis
303	APPLICATION OF PHOSPHORUS SORBING MATERIALS TO STREAMSIDE CATTLE LOAFING AREAS C.J. Penn and R.B. Bryant
311	INFLUENCES OF CUTTING DIAMETER AND SOIL MOISTURE ON GROWTH AND SURVIVAL OF BLACK WILLOW, SALIX NIGRA E. Greer, S.R. Pezeshki, and F.D. Shields, Jr.