Features

302 Viewpoint: Changing values in public land management
Dale Robertson urges natural resource managers to be more creative and adaptable in responding to the growing variety of demands on the public lands

304 Soil conservationists and the uses of law
Charles F. Wilkinson pleads with soil conservationists to remember what they are trying to save and use the law to that end

312 Tomorrow’s water manager
Christine Olsenius offers a planning guide for the new breed of water managers

316 The restructuring of agriculture and forestry
R. Neil Sampson looks at the potential impacts of an increasing bipolar structure in these two industries

321 Revitalizing rural America
Marty Strange presents three principles to guide debates about farm and rural development policy

325 Targeting to protect groundwater quality
A. M. Duda and R. J. Johnson outline why the Clean Water Act may be a suitable vehicle around which to integrate the programs necessary to protect groundwater quality

Commentary

331 Resource conservation: Credit where credit’s due
Ken Cook suggests that a land stewardship commitment be tied to the pending bailout of the Farm Credit System

333 How to deal with groundwater contamination?
Lawrence Mosher says that vague, arbitrary standard-setting procedures and a lack of information on contamination levels and the risks involved are impeding groundwater protection efforts

335 Waterbusting: Irrigation investment aggravates commodity surpluses
Melvin L. Cotner examines a continuing inconsistency between federal farm commodity and conservation programs

Research reports

349 Soil erosion and water treatment costs
D. Lynn Forster, Chris P. Bardos, and Douglas D. Southgate

352 Intensive cropping sequences to sustain conservation tillage for erosion control
G. W. Langdale and R. L. Wilson, Jr.

356 Integrating soil conservation practices into farmland leasing arrangements
Donn A. Derr

358 Species selection for revegetating sand and gravel mines in the Northeast
F. B. Gaffney and J. A. Dickerson

361 Fertilization for forage production on calcareous mined land in Ohio
Paul Sutton and George F. Hall

364 Straw burning reduces infiltration in winter wheat
James Steichen, Mark Hooker, and D. Michael Powell

367 Factors related to adoption of soil conservation practices in the Dominican Republic
David O. Hansen, J. Mark Erbaugh, and Ted L. Napier

370 Fisheries in man-made pools below grade-control structures and in naturally occurring scour holes of unstable streams
C. M. Cooper and S. S. Knight

373 Influences of site preparation on forest soil chemical properties in the Southern Coastal Plain
J. Melinda Slay, B. G. Lockaby, J. C. Adams, and C. G. Vidrine

Departments

298 The SWCS view
300 Pen points
339 In the news
345 Professional services & classifieds
346 Upcoming
347 Books, etc.

Cover: Water quantity and quality issues are in the spotlight. See pages 312, 325, 333, and 335. Soil Conservation Service photo by Ron Nicols.