

November-December, 1987 Volume 42, Number 6

### Conservation

To advance the science and art of good land use

#### CONTENTS

#### **Features**

#### 382

Viewpoint: Political forces shaping range management

Gerald W. Thomas questions USAID priorities on range resources in thirdworld countries

### 384 Removing impediments to water markets

B. Delworth Gardner says its time to eliminate what constraints remain to the purchase and sale of water

# 389 Interbasin water diversion: A Canadian perspective

Frank Quinn relates current Canadian thinking on the impacts and implications of moving water from one river basin to another.



#### 394 Soil conservation down under

E. G. Hallsworth outlines soil and water conservation problems and their solutions in Australia

#### 401

Worms and water

W. D. Kemper, T. J. Trout, Antone Segeren, and Murray Bullock explain how earthworms can enhance soil water management

#### 405 Rodero Creek: Rising

Rodero Creek: Rising water on the high desert

Sherman Swanson, Dave Franzen, and Mary Manning discuss the successful reclamation of a wet meadow in Nevada

# 408 Interdisciplinary workshops: A hands-on approach to teacher education

Timothy F. McKay tells how one SWCS chapter organized a successful conservation education program

#### Commentary

### 410 Coping with ungrowth: Lessons from the other Colorado

Charles E. Little offers reasons for hope to rural communities

## 412 Reduced-input agriculture reduces nonpoint pollution

Eugene P. Odum says nonpoint pollution can only be controlled by properly managing agricultural inputs

### 414 Soil and water conservation: From here to where?

Congressman Jim Jeffords calls for more corporate support of soil and water conservation programs

#### Research reports

#### 427

An economic analysis of agricultural nonpoint pollution control alternatives

Parveen Setia and Richard Magleby

### 431 Conservation tillage: Perceived and actual use

Elbert C. Dickey, Paul J. Jasa, Bryn J. Dolesh, Lisa A. Brown, and S. Kay Rockwell

#### 435 Consideration of risk in soil conservation analysis

Parveen P. Setia

#### 438

Grass and forb species for revegetation of mixed soil-lignite overburden in East Central Texas

J.G. Skousen and C. A. Call

#### 442

Soil water regimes of loamy sands and sandy loams on arid rangelands in southern New Mexico

Carlton H. Herbel and Robert P. Gibbens

#### 447 Infiltration into a seasonally frozen agricultural soil

John F. Zuzel and J. L. Pikul, Jr.

#### 450

Relationship of vegetation type and slope gradient to trail erosion in interior Alaska

Alan Jubenville and Kevin O'Sullivan

#### **Departments**

378

The SWCS View

380

Pen points

416

in the news

423

Professional services & classifieds

424

**Upcoming** 

425

Books, etc.

453

Index to Volume 42

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#### **PEN POINTS**

#### Must have been first-rate!

The September-October 1987 issue of the JSWC reminded me that I was not vet finished with regretting the fact I missed the annual meeting in Billings, Montana. The program committee, as verified by the quality of those general session addresses reproduced in the JSWC, did a mean job of selecting speakers with a high purpose:

Christine Olsenius—the welcome voice of a cosmopolite on that most cosmopolitan molecule of life, H<sub>2</sub>0.

R. Neil Sampson-scout par excellence in reading the trail signs of change, challenge, and conservation mission.

Charles F. Wilkinson-awesome testimony for the active use of conservation law. The most relevant advice for

soil conservation I've heard in 20 years -my nominee to the Supreme Court.

Marty Strange-provoked beyond appeasement by agriculture's false prophets and their false profits.

No platitudes, perhapses, or bideyour-time from these folks.

Also, from a grey-colored sidebar flashed another beacon: "If the stewardship of the land I oversee does not exemplify the land ethic I profess, I have no excuse. If the scholarship of this Society does not express a land ethic in constructive action, neither do you." When I doubt, and I often do, the power of communication, I must remember Charles McLaughlin out there in Britt, Iowa, obviously never

> Dale Marsh Madison, Wisconsin

#### States must act

In 1919, I took a vow to work for rural development for as long as I live. This has included everything I thought would be a benefit for mankind. For five years I have written to all of the governors of the United States and its possessions. The governors should be the ones to take charge of the soil and water programs through soil conservation districts and substate planning districts. My reasons for wanting the governors to form the association is because they are closer to the problems in the precincts than the White House or Congress.

I wish to quote Christine Olsenius from the September-October 1987 issue of the JSWC, page 314. "States will be the nerve center for soil and water management. The Water Quality Act of 1987 stresses that states will replace federal agencies in the development and management of nonpoint-source pollution control programs. Water quality is tied to land use, and land use is a state and local issue.

Lloyd E. Church, D.D.S. Wilburton, Oklahoma

### New tools for training reclamation inspectors

Two new handbooks are now available to help you train reclamation inspectors in hydrology, soils, and revegetation as they relate to surface mining and reclamation.

Manual for Training Reclamation  $oldsymbol{A}$  Inspectors in the Fundamentals of Soils and Revegetation covers subjects ranging from overburden characteristics to revegetating coal surfacemined lands. The chapters suggest ways to handle plant growth media, describe special soil considerations, explain how to revegetate barren lands, and evaluate the reclamation

Manual for Training Reclamation  $oldsymbol{A}$  Inspectors in the Fundamentals of Hydrology includes chapters on permit application information, water quality control, inspection procedures, and more. The book describes clues and indicators of potential mining and reclamation problems, suggests ways to prevent or mitigate those problems, and discusses various observations and sampling techniques. \$6.00 per copy, postpaid.

MasterCard and VIAA accepted.



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#### Hectares vs. tareas

The purpose of this letter is to call your attention to a mistake in one of the articles which appeared in the September-October 1987 issue of the JSWC. The article entitled "Factors related to adoption of soil conservation practices in the Dominican Republic" (pp. 367-369) has errors in tables 1 and 2. The equivalent of the Dominican land unit (tarea) with the hectare is wrong. A tarea is equal to 629 square meters or 1 tarea = 0.062 hectare or 1 hectare = 16 tareas.

We are sure that you want to have accuracy in the scientific data presented in the widely read JSWC. Our interest is to contribute to the accuracy of information generated in the Dominican Republic.

Raymond N. Gallaher and Jose R. Espaillat Department of Agronomy University of Florida Gainesville, Florida



BOOKS, ETC.

#### General

- Natural Hazard Mapping-Solomon Islands. Streamland 51. Leaflet, illus., 1987. Technical Information Section, Water and Soil Directorate, Ministry of Works and Development, P.O. Box 12041, Wellington North, New Zealand. \$.55.
- Semiarid Soil and Water Conservation. Herman J. Finkel, Editor. 136 pp., index, 1986. CRC Press, Inc., Boca Raton, Florida 33431. \$70.00.
- Antarctica: Soils, Weathering Processes and Environment. By I. B. Campbell and G.G.C. Claridge. 406 pp., 1987. Elsevier Science Publishers, New York, N.Y. 10017.
- Community Involvement Crucial for Conservation in Australia: Summary and Recommendations from the National Study of District Soil Conservation Advisory Committees. By S. Chamala and R. C. Maurer. 23 pp., ref., 1986. Department of Agriculture, University of Queensland, St. Lucia, Brisbane, Australia, 4067, \$5.00.
- Nursery and Landscape Weed Control Manual. By Robert P. Rice, Jr. 1987. Thomson Publications, Box 9335, Fresno, Calif. 93791. \$19.95, plus tax.
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- Technologies to Maintain Biological Diversity. 340 pp., 1987. U.S. Government Printing Office, Washington, D.C. 20402. \$15.00.
- Desertification in the Sahelian and Sudanian Zones of West Africa. By Jean Eugene Gorse and David R. Steeds. 76 pp., 1987. Tech. Paper #61. The World Bank, Publications Dept., K910, Washington, D.C. 20433. \$5.00.
- Aldo Leopold, The Professor. By Robert A. McCabe. 1986. Rusty Rock Press, Madison, Wisc. 53706. \$29.95, plus \$2.00 handling.
- The Productive and Erosive Palouse Environment. By Frederick Steiner. 42 pp., illus., 1987. Cooperative Extension, College of Agriculture & Home Economics, Washington State University, Pullman, \$3.00.
- In Search of Soil Conservation Strategies in Canada. Edited by D. W. Anderson. 214 pp., apps., 1987. Department of Soil Science, University of Saskatchewan, Saskatoon, SK, S7N 0W0. \$25.00.

- STEEP-Conservation Concepts and Accomplishments. 662 pp., 1987. Washington State University Press, Pullman. 99164.
- Our Common Future. 383 pp., tbls., 1987. Oxford University Press, New York, N.Y.
- Restoring Our Earth. By Laurence Pringle. 64 pp., illus., refs., index, 1987. Enslow Publishers, Bloy Street & Ramsey Ave., Box 777, Hillside, N.J. 07205. \$12.95.
- To Feed the Earth: Agro-Ecology for Sustainable Development. By Michael J. Dover and Lee M. Talbot. 88 pp., illus., refs., 1987. World Resources Institute, Washington, D.C. 20006.
- Cyprus: A Chronicle of its Forests, Land and People. By J. V. Thirgood. 371 pp., illus., refs., apps., index, 1987. University of British Columbia Press, #303, 6344 Memorial Road, Vancouver, BC V6T 1W5. \$48.00.
- Environmental Protection in the United States. By Joseph M. Petulla. 208 pp., illus., tbls., bibliog., index, 1987. San Francisco Study Center, San Francisco, Calif. 94103. \$22.50, plus \$1.50 for postage, cloth; \$14.50, plus \$1.50 for postage, paper.

#### **Agriculture**

- Alternative Uses for Agricultural Surpluses. Edited by W. F. Raymond and P. Larvor. 134 pp., illus., refs., 1986. Elsevier Science Publishing Co., Inc., New York, N.Y. 10017. \$33.00.
- Agroecology: The Scientific Basis of Alternative Agriculture. By Miguel A. Altieri. 227 pp., illus., tbls., bibliog., index, 1987. Westview Press, Boulder, Colo. 80301. \$19.95
- Eroding the Family Farm: Agricultural Policy and Stewardship of the Land. By John L. Lamb and Theresa M. Keaveny. 39 pp., illus., refs., app., 1987. Dakota Re-

#### Correction

The September-October 1987 issue of the JSWC incorrectly listed the publication USDA-Water Erosion Prediction Project (WEPP). User Requirements as a publication of the National Research Council. It is a U.S. Department of Agriculture publication available from the USDA-ARS, National Soil Erosion Research Laboratory, Purdue University, West Lafayette, Indiana 47906.

- Saving Soil and Wildlife: The Promise of the Farm Act's Conservation Title. By Ann Y. Robinson. 57 pp., 1987. Izaak Walton League of America, Minneapolis, Minn. 55438.
- Compost: Production, Quality and Use. Edited by M. De Bertoldi, M. P. Ferranti, P. L'Hermite, and F. Zucconi. 853 pp., illus., index, 1987. Elsevier Science Publishing Co., Inc., New York, N.Y. 10017. \$135.00.
- Seeds and World Agricultural Progress. By Neil McMullen. 263 pp., illus., refs., 1987. NPA Report 227. National Planning Association, Washington, D.C. 20036. \$25.00.
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- Agriculture and Environment: The Physical Geography of Temperate Agricultural Systems. By David Briggs and Frank Courtney. 442 pp., illus., refs., index, 1987. John Wiley & Sons, Inc., Somerset, N.J. 08873. \$44.95.

#### Education

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#### Land Use

- Our National Landscapes: Strategies for Survival: In Use, in Health, and in Beautu. By Tony Jackman. 128 pp., illus., refs., gloss., 1987. Science Information Publishing Centre, DSIR, P.O. Box 9741, Wellington, New Zealand. \$24.00.
- Land Subsidence. Edited by A. I. Johnson, Laura Carbognin, and L. Ubertini. 939 pp., 1986. IAHS, Publ. No. 151. IAHS, Washington, D.C. 20009. \$45.00.
- The State of the Rio Grande/Rio Bravo. By David J. Eaton and John Michael Andersen. 331 pp., illus., refs., tbls., gloss., bibliog., index, 1987. University of Arizona Press, Tucson, Ariz. 85719. \$24.95.

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- Demands on Rural Lands: Planning for Resource Use. Edited by Chris Cocklin, Barry Smit, and Tom Johnston. 336 pp., illus., tbls., index, 1987. Westview Press, Boulder, Colo. 80301. \$29.50.
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#### Water

International Symposium on Biofouled Aquifers: Prevention and Restoration. Edited by D. Roy Cullimore. 183 pp., 1987. American Water Resources Association, Bethesda, Md. 20814. \$19.00, member of AWRA: \$23.00, nonmember of AWRA.

- Monitoring, Modeling, and Mediating Water Quality. Proceedings, Syracuse, New York, May 17-20, 1987. Edited by Stephan J. Nix and Peter E. Black. 710 pp., 1987. American Water Resources Association, Bethesda, Md. 20814.
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- Pricing of Water Services. 145 pp., tbls., refs., 1987. OECD Press Division, 2 rue Andre Pascal, 75775 Paris cedex 16. France.
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- Conjunctive Water Use: Understanding and Managing Surface Water-Groundwater Interactions. Edited by S. M. Gorelick. 548 pp., 1986. IAHS Publ. No. 156. IAHS, Washington, D.C. 20009. \$48.00.
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- Monitoring to Detect Changes in Water Quality Series. Edited by David Lerner. 336 pp., 1986. IAHS Publ. No. 157. IAHS, Washington, D.C. 20009. \$40.00.
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- Arizona Groundwater: Negotiating an Environmental Quality Act. 1987. National Conference of State Legislatures, Denver, Colo. 80265. \$7.00.
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