Features

510 Viewpoint: Our common future—from one earth to one world
Donald G. Hanway looks at challenges laid down in the United Nation's report Our Common Future

511 New strategies for soil conservation
D. W. Sanders says new policies and strategies can overcome the problems that have made some international soil conservation programs expensive and ineffective

517 What have we learned about who conserves soil?
William Lockeretz critiques research methods that, he says, have told us precious little about which farmers conserve soil and why

524 Land use designation in rural areas: An Oregon case study
James R. Pease reviews this western state's attempt at designating primary and secondary farm and forest land

529 The Star Fire Mine reclamation experience
Thomas J. Nieman and Diane Mesahko report how long-range planning at the outset of mining can produce beneficial post-mining land use options

533 Natural resource accounting systems and environmental policy modeling
Richard Cabe and Stanley R. Johnson describe how natural resource accounting can be applied to the Resources Conservation Act

567 Minesoil mapping at the family level using a proposed classification system
J. T. Ammons and J. C. Sencindiver

Commentary

540 Total quality management and conservation
C. Paul Barlow contends that a commitment to quality can reap benefits in the conservation arena

543 Coordination of state soil and water conservation and farmland preservation regulatory programs
James E. Holloway and Donald C. Guy outline why more coordination among state-level programs is required if each is to achieve specified objectives

Research reports

559 Bench terracing in the Kerinci uplands of Sumatra, Indonesia
Stephen F. Siebert and Jill M. Belsky

562 Corn yield and plant population differences between eroded phases of Illinois soils
K. R. Olson and S. G. Carmer

584 Irrigated crop rotation for energy conservation: A Nebraska case study
W. R. Peterson, D. T. Walters, R. J. Supalla, and R. A. Olson

589 Mapping impervious cover using Landstat TM data
Dorsey E. Plunk, Jr., Ken Morgan, and Leo Newland

Departments

506 The SWCS view

508 Pen points

547 In the news

556 Professional services & classifieds

557 Upcoming

558 Books, etc.

Cover: A farmer in Shaanxi province in the loess plateau of China examines caragana shrubs planted on inward sloping terraces to stabilize the steep hillsides. The leguminous shrubs are also cut for fodder and fuel. Food and Agriculture Organization of the United Nations photo.