Environmental Education Materials

Earth Healing Videotapes

Al Fritsch narrates each of these 30 minute television programs, aired on WOBZ, Kentucky since 1994. All tapes are television reproduction grade.

$30.00 each, P & H included.

"Are the Forests Dying?"
Interview with John Flynn from the Appalachian Forest Action Project in West Virginia. John discusses and explains the condition of West Virginian forests and decline of specific tree species.
item EH1

"Super Low-Cost Housing; A Log Cabin,"
with Chris Schimmoeller from Franklin County, KY. Chris explains how her family's log cabin home was constructed and shows us some added features such as a root cellar.
item EH2

"Kentucky Organic Growers,"
with Pam Clay, explores the story of this cooperative and how it was set up, reasons for using organic produce, and potential markets for organic products.
item EH3

"Earth Literacy in Western Pennsylvania,"
with Gene Wilhelm, author and naturalist. Gene speaks about his own background and a method of sharing some of his knowledge through a new type of environmental education program. *item EH4*

"Testing for Radon in Homes,"
with Phil Stern of the Colorado Project. Phil outlines the dangers of radon gas and what can be done to reduce risks in the home, and explains how to test homes for radon levels.
item EH5

"Old Growth Forest Network,"
with Mary Davis, writer and consultant on environmental matters at Georgetown, KY. Mary speaks of a recent survey of old growth forests in the East and her work in setting up a network to handle forest information and problems. *item EH6*

"Logging and the Betsy Top Cemetery,"
with Becky Simpson, director of the Cranks Creek Survival Center, Kentucky. Becky takes the filming crew on a tour of her ancestral cemetery and discovers in the process that a portion of it has been destroyed by bulldozers opening the land along the Virginia border to logging interests. *item EH7*

"Eco-Tour of Forest Problems,"
with Paul Kalisz, University of Kentucky Forestry professor. Eight areas of environmental impact are filmed in Laurel County along with a discussion of forest monitoring and sustainable forest practices. *item EH8*

"Solar Cookers in Peru,"
with Andy McDonald, ASPI associate. Mark Schimmoeller and Andy went to Peru in the first half of 1994, helping to construct 26 solar cookers and train a team of women in continuing the construction and maintenance of these remarkable low-cost cooking devices.
item EH9

"Rockcastle River Rebirth,"
with Jerry Waddle, monitors the Rockcastle River watershed, showing first hand it's need for protection from the results of bad timber practices. *item EH10*

"Environmental Resource Assessment,"
with Carl Roney, caretaker of Cliffview Retreat Center, examines the preliminary process of an Environmental Resource Assessment. Walk with us as we explore environmentally conscious options for development of this retreat property.
item EH11

Videotapes

Safe and Affordable Homes:

Safe and Affordable Homes Phil Stern & Al Fritsch discuss safe and affordable home basics in this three-part video: **Safe Mobile Homes** (1991), addresses the need for monitoring pollution within mobile homes, highlighting sensitive indoor areas. **Super Low-Cost Homes,** (1992), discusses various materials and methods to cut the cost of building your home, and in **Domestic Waste and Water,** (1993), Phil and Al visit the ASPI facilities with Lewis VanWinkle to discuss innovations in cistern and compost toilet design. 60 minutes **$25.00** *item SH1*

Edible Landscaping Continuing our safe and affordable home series, Paul Gallimore leads a tour of the Long Branch Environmental Center grounds, at Leicester, NC, discussing wild edibles, berries, vegetables, and fruit trees. 30 minutes **$20.00** *item SH2*

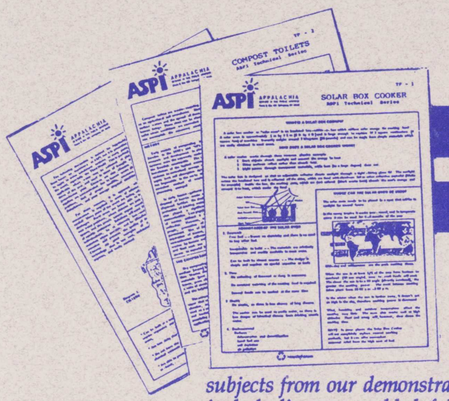
Clean Water Series:

Water Conservation: Compost Toilets and Cisterns Are compost toilets and cisterns the wave of the future? Find Out! This tape explores living examples and technical details.
ASPI, 20 minutes, 1989. **$25.00** *item CW1*

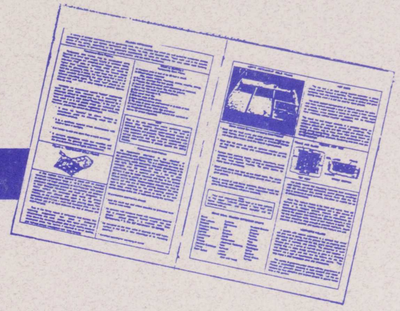
Adopt-A-Stream This successful hands-on program developed by Delta Laboratories (in Rochester, New York), intimately involves high school students in water testing and monitoring. Narrated by Dr. Betsey Brauer. *1989, 20 minutes.* **$25.00** *item CW2*

Water Sampling and Analysis A close up look at methods to train local citizens to conduct their own water analysis, with the West Virginia Mountain Stream Monitors. *1989, 20 minutes,* **$25.00.** *item CW3*

"Water Conservation," "Adopt-A-Stream," and "Water Sampling Analysis" all on one tape! *60 minutes,* **$30.00** *item CW4*



Technical Papers



ASPI Technical Series *offers in-depth, understandably written tours of appropriate technological subjects from our demonstration center and environs. Many papers include diagrams and helpful illustrations.* **SP** = *Spanish Translation* **FR** = *French Translation.*

$2.00 each, or **$50.00** for the set

Solar Box Cooker
Details how to construct a very low cost food cooker using materials at hand. Cook with the sun! **(SP, FR)** *item TP1*

Compost Toilets
Diagrams and describes four models of dry composting toilets, and the rationale for building them. **(SP, FR)** *item TP2*

Cisterns
Compact information on building and maintaining these low-cost water systems in an age of water scarcity. **(SP, FR)** *item TP3*

Solar Greenhouses
A descriptive narrative on how to construct and best utilize this environmentally sound source of domestic food and supplemental solar heat. **(SP, FR)** *item TP4*

Cordwood Buildings
Succinctly describes why and how to build these beautiful, simple and energy efficient structures from local materials. **(SP)** *item TP5*

Solar Food Dryer
Condenses ASPI's former 16-page Dryer plans to a compact, handy flyer with two added pages of basic solar food drying information. **(SP, FR)** *item TP6*

Year-Round Gardening
Tips from our experience, including methods to extend the growing season on both ends and useful hints for all gardeners. *item TP7*

The Yurt: An Excellent Low-Cost Home You can adapt this versatile structure to your surroundings. We tell you why. Includes good references for additional information. **(FR)** *item TP8*

Breadbox Solar Water Heaters
A must for energy savers -- with small expenditure of money and effort! Illustrates and discusses three models. *item TP9*

Nature Trails
ASPI trail experience extended -- how to plan, build, use, and maintain trails for the public. *item TP10*

Composting for Gardens
For the beginner who wants to build productive soil using organic wastes. *item TP11*

Contraflow Masonry Heaters/Ovens
This time-tested European technology is now available for heating homes efficiently, at a low price. *item TP12*

Organic and Intensive Gardening
Commercial fertilizers and chemical pesticides are unnecessary with organic techniques. *item TP13*

Rural Solar Photovoltaic Use
Power buildings and pathway lights, electric fencing, exhaust fans, and more using Photovoltaics. *item TP14*

Appropriate Tech. Info Systems
Covers AT resources, library, and cataloging, networking, data banks and retrieval, and more. *item TP15*

Forest Preservation Techniques
Limited use programs, tree plantings and diversification, advocacy, organizing, and monitoring. *item TP16*

Coexisting with Wildlife
Covers bio-regional assessment, "off-limits" and controlled hunting areas, feeding and habitation areas, and garden protection from wildlife incursion. *item TP17*

Rural Waste Recovery
Ways of collecting, sorting and reusing all rural generated materials to minimize landfilling. *item TP18*

Water Purification Techniques
Discussion of commercial and homemade filter systems and methods for testing water purity.
item TP19

Aquaculture
Raising fish in ponds, tanks and cages for domestic use and markets. *item TP20*

Quilted Insulated Shades
Step-by-step instructions for creating a beautiful, energy-saving window cover. *item TP21*

How Much Do *You* Mulch?
The why, what and how of successful mulching practices. *item TP22*

Appalachian Edible Wild Plants
Gather wild herbs and greens, and cultivate native Appalachian species for food. *item TP23*

Root Cellars
Create a space for quality preservation of food at the lowest cost. *item TP24*

TP's 25-29 are abstracts from Spring 1994 workshops sponsored by the Kentucky Organic Growers.

Drip Irrigation Systems
Advantages and disadvantages of drip irrigation systems, equipment, and ethical considerations. References. 6 pp. *item TP25*

Alternative Pest Control
This lecture by Rick Besson traces steps to successful pest control, properties of desirable insecticide, and biological and botanical insecticides. References. 7 pp. *item TP26*

Soils - An Overview
Workshop by Demetrio P. Zourarakis examines the genesis and evolution of soils, morphology, organic matter, plant nutrients, and nutrient cycles. Extensive references. 12 pp. *item TP27*

Alternative Forest Products
Ten Commandments of the Forest by Al Fritsch; overview of forest products by Deborah Hill; Wild greens and medicinal plants by Lucille Stewart; and gathering wild seeds by Flo and Maynard Hacker. References. 8 pp. *item TP28*

Seed Saving
Describes plant reproduction, seed saving tips in harvesting, plant breeding and business considerations. Table of isolation distances for common cultivars. References and resources. 5 pp. *item TP29*

Artificial or Constructed Wetlands
Details the building of the ASPI's demonstration wetlands, giving current State regulations, and plant listing for wetlands. 4 pp. *item TP30*

Pollination
by Ernie Muhly, discusses this delicate and necessary balance between flowers and insects, including a comprehensive original listing of notable American nectar and pollen plants, rural and urban. 13 pp. *item TP31*