



YNR-1

ALABAMA A & M AND AUBURN UNIVERSITIES

# EnviroInfo

## Volunteer Leaders' Resources



You've just agreed to be a 4-H National Resources and Environmental Education (NREE) volunteer leader in your county. Now what?

There are many materials available for you to browse through and select activities you'd like to use with 4-H'ers. You'll find activities suitable for school enrichment programs, after-school clubs, county-wide clubs, field days, and camps.

Ask your Extension agent for a list of videos that you can check out for free from the Alabama Cooperative Extension System Media Library. You can see the list on the Web at <http://www.aces.edu/extcomm/medialib/>.

To access the 4-H NREE calendar of events, environmental education Web links, and general information on working with young people, go to the 4-H NREE Web page at <http://www.aces.edu/4H/environment/>.

The following notebooks, booklets, and videos are in your county Extension office:

American Forest Foundation. (1993-1998, 2000). *Project learning tree environmental education activity guide*. Washington, D.C.: Author. For grades preK-12. Provides young people with opportunities to investigate environmental issues and encourages them to make responsible, informed decisions. Available in counties where the Extension agent has had training.

Booth, L.B. (1999). *Alabama water quality curriculum*. Auburn, AL: Alabama Cooperative Extension System. For grades 4-12. Contains units on the water cycle, how water is used, water in Alabama history, sources of drinking water, wastewater treatment, pollution, and conservation.

Carlson, S.P. (1985). *I can teach. . . in the outdoors*. Madison, WI: Wisconsin Cooperative Extension Service. 42 pp. For agents, volunteer leaders, and beginning naturalists who feel unsure or lack experience in teaching in the outdoors. Centers around a general ecology theme and emphasizes man's relationship to the natural environment.

Cassie, E.J., Miller, C. & Cantrell, D.J. (1992). *4-H earth connections*. Gainesville, FL: Florida Cooperative Extension Service. For 5 to 8 year olds. Designed to help young people understand the environmental and stewardship issues associated with soil, air, and water conservation and quality.

Cassie, E.J., Miller, C. & Cantrell, D.J. (1992). *4-H earth connections*. Gainesville, FL: Florida Cooperative Extension Service. For 9 to 11 year olds. Designed to help young people understand the environmental and stewardship issues associated with soil, air, and water conservation and quality.

Flynn, K.M. and Kling, E.B. (eds.) (2000). *School 4-H forestry projects*. Auburn, AL: Alabama Coopera-

tive Extension System. 22 pp. For agents and volunteer leaders. Lessons that cover introduction to trees, tree identification, and physiology. Includes hands on activities, field trips, and skill drills.

Kling, E.B. Peck, E.G. (1987). *Developing a coaching philosophy*, 11 minute slide/tape program converted to video. Explores the “youngsters first and winning second” concept. The three styles of working with young people--command, submissive, and cooperative--are illustrated. Designed for use in Shooting Sports but is appropriate for any 4-H competitive event.

Kling, E.B. (1996). *Master environmental educator curriculum guide*. Bay Minette, AL: Alabama Cooperative Extension System. 154 pp. For volunteer leaders. Original curriculum designed for use in Baldwin County.

Kling, E.B. and Bachant, J.J. (eds.) (1996). *Stop zebra mussels*. Bay Minette, AL: Alabama Cooperative Extension System. 88 pp. Lessons, worksheets, and quizzes on observing, measuring, classifying, population density, flow restriction, sampling, and inferring consequences. (Tennessee Valley, Baldwin, and Mobile counties only.)

Kling, E.B. (1997). *Master Environmental Educators*, eight segment, 3.7 hour videotape. Demonstrates how to teach the recycling, water cycle, household hazardous waste, groundwater pollution, and septic system lessons. Provides hints on teaching techniques.

Kling, E.B. (1998). *Fostering Environmental Stewardship*, 8 minute videotape. Discusses the subject matter education and leadership experiences available at this annual conference for teen leaders interested in natural resources.

Kling, E.B. (ed.) 1999. *Master environmental educator program: A series of school enrichment lessons for elementary through high school*. Auburn, AL: Alabama Cooperative Extension System, 1999. 154 pp. For volunteer leaders. Generic lessons for use throughout Alabama on recycling, the water cycle, household hazardous waste, groundwater pollution, and septic systems. Includes glossary, background information, handouts, and quizzes.

Kling, E.B. (ed.) 2000. *Fostering environmental stewardship planning guide*. Auburn, AL: Alabama Cooperative Extension System. 151 pp. For agents and volunteer leaders. Activity ideas, resources, glossary, and suggested start-up schedule for 4-H Environmental Stewardship clubs.

Kling, E.B. (2000). *4-H Shooting Sports*, 7 minute 37 seconds videotape. Recruits volunteer leaders for the 4-H Shooting Sports program.

Legacy, Inc., Partners in Environmental Education. (1997). *Alabama's environmental legacy—grades 3-5*. Montgomery, AL: Legacy, Inc. 509 pp. Activities, lessons, and worksheets on ecology, pollution prevention, waste management, and natural resources. Includes a glossary, fact sheets, and agency addresses.

Miller, C. & Cantrell, D.J. (1992). *4-H water wise guys*. Gainesville, FL: Florida Cooperative Extension Service. For use with 9 to 11 year olds. Designed to help young people understand the environmental and economic issues associated with water conservation and quality. Includes a video.

Miller, C. & Cantrell, DJ. (1992). *4-H recycling adventures*. Gainesville, FL: Florida Cooperative Extension

sion Service. For use with 5 to 11 year olds. Designed to help young people understand the environmental and economic issues associated with waste. Includes a cassette tape.

National 4-H Shooting Sports Development Committee. (1996). *4-H shooting sports guide*. (With permission, renamed *Alabama 4-H shooting sports*). College Station, TX: Texas Agricultural Extension Service. 428 pp. Information on shooting sports and youth development, as well a leader workshops. Contains lesson plans and fact sheets for each discipline—archery, hunting and wildlife, muzzleloading, pistol, rifle, and shotgun.

Ruppert, K.C., Griswold, W.G., & Heuberger, K.A. (1996). *Planting trees in your urban forest*. For 9 year olds to adults. Teaches the importance of trees in the landscape and how to select, plant, and maintain them. Leader and member guides.

Schipper, A., Edgell, A. Hornsby, A. & Jessup, R. (1993, rev. 1994). *Soil, water, and land use I: Understanding pesticide interaction*. Gainesville, FL: Florida Cooperative Extension Service. For use with 15 to 18 year olds. Increases the understanding of soil properties and their effects on pesticide behavior and movement.

Schipper, A., Schipper, L. & Hornsby, A. (rev.1995). *Soil, water, and land use II: Understanding nitrogen interactions*. Gainesville, FL: Florida Cooperative Extension Service. For use with 15 to 18 year olds. Increases the understanding of nitrogen, its importance to life, and its implications for water quality.

Tennessee Valley Authority Environmental Education Section. (1994). *Water sourcebook—grades 3-5*. Knoxville, TN: Tennessee Valley Authority. 500 pp. Activities, lessons, and worksheets on water in general, wastewater, drinking water, surface water, groundwater, wetlands, and coastal areas. Includes glossary and fact sheets.

The Watercourse and Council for Environmental Education. (1995). *Project wet*. Bozeman, MT: Project WET. For use with grades K-12. Designed to promote awareness, appreciation, knowledge, and stewardship of water resources. Available in counties where the Extension agent has had training.

Western Regional Environmental Education Council, Inc. (1987, 1992). *Aquatic wild*. Bethesda, MD: Project WILD. For use with grades K-12. Activities to explore and understand water and the habitats it supports. Available in counties where the Extension agent has had training.

Western Regional Environmental Education Council, Inc. (1982/1985, 1992). *Project wild*. Bethesda, MD: Project WILD. For use with grades K-12. Designed to prepare young people for decisions affecting people, wildlife, and their shared home, earth. Available in counties where the Extension agent has had training.



**Emily B. Kling**, *Extension Specialist*, 4-H Natural Resources

Issued in furtherance of Cooperative Extension work, acts of May 8 and June 30, 1914, and other related acts, in cooperation with the U. S. Department of Agriculture. The Alabama Cooperative Extension System (Alabama A & M University and Auburn University) offers educational programs, materials, and equal opportunity employment to all people without regard to race, color, national origin, religion, sex, age, veteran status, or disability.

Web Only, Dec 2004, YNR-1

© 2004 by the Alabama Cooperative Extension System. All rights reserved.