

Agenda & Course I Schedule

The Discovery Center
Deep Creek Lake State Park
898 State Park Road, Swanton, MD 21561

Day One - Thursday, April 3, 2014

8:00-8:30 - REGISTRATION AND COFFEE.

8:30-9:30 – Connie Skipper, Park Ranger and Naturalist at Deep Creek Lake State Park, Maryland Department of Natural Resources

ECOLOGY: Four major components of Earth's life support system; major components of an ecosystem; environmental challenges and opportunities; emphasis on birds and the environment.

9:30-10:30 – Caroline Blizzard, Park Ranger and Director of The Discovery Center, Deep Creek Lake State Park, Maryland Department of Natural Resources.

PLANTS - BIODIVERSITY: Role of species in an ecosystem including genetic variation and ecosystem diversity; protective mechanisms and sensitivities to environmental change.

10:30-10:45 – BREAK

10:45-11:45 – Jonathan Kays, Natural Resource Extension Specialist, University of Maryland.

ENVIRONMENTAL SCIENCE: Examine the principles of environmental science; renewable, non-renewable resources; energy conservation and loss prevention.

11:45-12:30 - LUNCH

12:30-1:30 – Jonathan Kays, Natural Resource Extension Specialist, University of Maryland.

NETWORKING AND OUTREACH: Explore ways to effectively work with others to benefit earth and life on earth. Investigate ways information can be shared with others.

1:30-2:30 – Liz McDowell, Coordinator Western Mountains Chapter of Maryland Native Plant Society and Owner of Elk Ridge Native Plant Preserve.

BACKYARD WILDLIFE HABITAT: Creating and designing wildlife habitat; providing friendly landscapes with native plants using good planting practices.

2:30-2:45 - BREAK

2:45 – 4:45 – FIELD TRIP – DEEP CREEK LAKE STATE PARK. Conducted by Connie Skipper and Caroline Blizzard, Park Rangers and Naturalists.

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Day Two - Friday, April 4, 2014

8:10-8:30 – CHECK-IN AND COFFEE

8:30-9:30 – Bryan Barnard & Elliott Perfetti, Environmental Education Director & Operating Manager at Blue Moon Rising, a center for sustainable education at Deep Creek Lake

HISTORIC ENVIRONMENTAL ACTIONS & LEADERS: Evolution of environmental education; landmark environmental legislation; major historic environmental leaders.

9:30-10:30 – Amanda Rockler & Krisztian Varsa, Watershed Restoration Specialists, University of Maryland Sea Grant Extension.

ENVIRONMENTAL ISSUES: Earth's finite carrying capacity; human impact; issues in solid waste management.

10:30-10:45 – BREAK

10:45-11:45 – Amanda Rockler & Krisztian Varsa, Watershed Restoration Specialists, University of Maryland Sea Grant Extension.

SUSTAINABILITY: Principles of sustainability derived from observing how nature works; ecosystems and biodiversity as examples of how nature works efficiently.

11:45-12:30 – LUNCH

12:30-12:50 – COURSE REVIEW AND WRAP-UP

12:50 – 3:50 – WRITTEN TEST

REGISTRATION FORM

ENVIRONMENTAL STUDIES SCHOOL – COURSE I, SERIES I – THE LIVING EARTH

Thursday & Friday, April 3 & 4, 2014

The two-day course Registration Fee of \$100 includes a printed Student Study Guide, refreshments and lunch on both days.

(\$80 will be refunded up until March 15 for cancellations; no refunds after March 15)

Enrollment limited to 30 students

Name: _____

Mailing Address: _____

Phone: _____ Email: _____

If NGC member: Club _____ District _____

Will you be taking the written test toward Environmental Consultant status? ___ Yes ___ No

Mail registration form & check to: Linda Harris, 3252 Walnut Bottom Rd., Swanton, MD 21561
301-453-3293, lindaharris355@aol.com

Make check payable to: Mountain Laurel Garden Club

Any special needs or diet restrictions? If so, please provide details:

Environmental Studies School Course Information

Course I, Series I – The Living Earth

Thursday & Friday, April 3rd and 4th, 2014

Sponsored by Federated Garden Clubs of Maryland

President: Jackie Handley

District V Director: Carolyn Braverman

Hosted by the Mountain Laurel Garden Club, District V

President: Kathy Tucker

ESS Chair: Linda Harris 301-453-3293 lindaharris355@aol.com

Mission Statement: To teach environmental literacy; to cherish, protect and conserve the living earth.

School Description:

The Living Earth Environmental Studies School is composed of a minimum of forty hours of study. Specific units are divided into four courses of ten hours each which includes a two-hour field trip. The courses investigate AIR, LAND and WATER. The units are divided into Ecology and Environmental Science, Life on Earth, and Earth Stewardship. Optional Exams are offered for those wishing to become NGC Accredited Environmental Consultants. Environmental Studies Schools are open to everyone whether or not they are garden club members.

Course Requirements:

Official Texts:

Bringing Nature Home by Douglas W. Tallamy

Living in the Environment by G. Tyler Miller

Both books are available at significant savings through Amazon.com

Living in the Environment [reading requirements for Course I](#), listed by edition:

Chapters should be read before classes start

7th and 8th Edition - Chapters 1, 2, 4, 5, 16, 20

10th Edition – Chapters 1, 2, 5, 6, 13, 25

11th Edition – Chapters 1, 4, 6, 7, 9, 23, 24

12th Edition – Chapters 1, 2, 4, 6, 9, 11, 16, 20, 22, 26, 27, 28

13th Edition – Chapters 1, 2, 4, 5, 6, 7, 8, 9, 12, 21, 22, 23

14th Edition – Chapters 1–9, 11–13, 15, 18–24, 26, 27

15th Edition – Chapters 1–4, 8, 10–14, 17, 18, 21

16th Edition – Chapters 1–7, 9, 10, 12, 15–17, 22, 24, 25 plus supplements 3-5, 9–12

17th Edition – Chapters 1, 5, 6, 9, 10, 21, 22, 25 plus supplements 3, 6, and glossary

DRESS CODE

Comfortable, warm clothing and appropriate outer wear. Include boots or waterproof hiking shoes for the outdoor field trip.

INSTRUCTORS

Connie Skipper, Park Ranger and Naturalist at Deep Creek Lake State Park, Maryland Department of Natural Resources; BS Degree in Wildlife/Fisheries from Frostburg State University; AA Degree in Math/Science from Garrett College.

Caroline Blizzard, Park Ranger and Director of The Discovery Center, Deep Creek Lake State Park, Maryland Department of Natural Resources; BS Degree in Parks & Recreation from Frostburg State University; AA Degree in Parks & Recreation from Allegany College of Maryland.

Jonathan Kays, Natural Resource Extension Specialist, University of Maryland; MS Degree in Forestry from Virginia Tech; BS Degree in Natural Resource Management from Cook College, Rutgers University.

Liz McDowell, Coordinator Western Mountains Chapter of Maryland Native Plant Society and Owner of Elk Ridge Native Plant Preserve; MS Degree in Wildlife Management from Frostburg State University; BS Degree in Psychobiology from Albright College.

Bryan Barnard, Environmental Education Director at Blue Moon Rising, a center for sustainable education at Deep Creek Lake; BS Degree in Earth Science from Frostburg State University; AA Degree in Adventure Sports & Recreation from Garrett College.

Elliott Perfetti, Operating Manager at Blue Moon Rising, a center for sustainable education at Deep Creek Lake; BS Degree in Electrical Engineering from West Virginia University.

Amanda Rockler, Watershed Restoration Specialist, University of Maryland Sea Grant Extension; MS Degree in Sustainable Landscape Design from George Washington University; BA Degree in Environmental & Ecological Biology from University of Colorado at Boulder.

Krisztian Varsa, Watershed Restoration Specialist, University of Maryland Sea Grant Extension; MS Degree in Regional Planning from Cornell University; BA Degree in Geography from the University of Delaware.

HOTEL INFORMATION

Rooms are available at a discount at:

North Glade Inn Bed & Breakfast

184 North Glade Road, Swanton, MD 21561

301-387-3373 (toll free 877-433-6911)

The owners, Fred & Tammy Fulk are offering our group the nights of **April 2nd & 3rd, 2014 at a rate of \$75.00 per night for one person. Any other guests in the same room would be \$10.00 each per night.** Breakfast is included each morning. A family style dinner is included, on Friday evening only, for all the guests and the innkeepers. All rooms have a king size bed, Jetted tub, gas fireplace and a private bathroom. Three of the rooms have sleeper sofas. The normal rate is \$125.00 per night for two guests Sunday through Thursday. Friday and Saturday nights are \$185.00. (Please reference the Mountain Laurel Garden Club when requesting a room.)

Rooms are also available at the **Quality Inn** at a 10% discount

(You must call the Inn directly at 301-387-4200 and mention "SCR" to receive this discount)

The Quality Inn is located at 2704 Deep Creek Drive, McHenry, MD

Driving directions can be provided upon request.