**RECOMMENDED READING LIST**

*Bringing Nature Home*, Douglas W. Tallamy

*Diversity of Life*, The; E. O. Wilson (1992 & 2000)

*Earth Making a Life on a Tough New Planet* Bill McKibben (2010)

 *Earth, In the Balance*; Al Gore (Ok) (1992)

 *End of Nature* Bill McKibben (2005)

 *Enough: Staying Human in a Engineered Age*, Bill MCKibben (2003)

 *Fierce Green Fire: The American Environmental Movement*, A; Shabecoff (2003)

 *If You Love This Planet;* Helen Caldicott (2009)

 *In Defense of Nature*; John Hay (2007)

 *Land That Could Be: Environmentalism and Democracy in the Twenty-First Century, The*; Shuki (2001)

 *Last Child in the Woods*; Richard Louv (2005 & 2008)

*Lorax, The*; Seuss (1978)

*Making Collaboration Work*; Wondolleck and Yaffee (2000)

 *Maps of Time An Introduction to Big History* David Christian

 *Precious Heritage* *“The Status of Biodiversity in the United States*”; Stem, Kutner, Adams (2000)

*Sand County Almanac and Sketches Here and There,* A; Aldo Leopold (1990)

 *Sense of Wonder*; Rachael Carson (To introduce children to nature) (1990)

 *Silent Spring;* Rachael Carson (1962)

 *Something New Under the Sun: An Environmental History of the Twentieth Century;* (2001) J.R. McNeill, W.W.Norton

 *Ten Minute Field Trips;* Helen Ross Russell (1998)

*Teaching Kids to Love the Earth;* Marina Lachecki Herman, Joseph F. Passineau, Ann L. Schimpf, Paul Treuer (1990)

*Wilderness and the American Mind;* Nash (2001)

Think globally, Act locally

Think locally, Act globally

But most of all

Feel and Act personally!

**REQUIRED READING**

Living in the Environment

G. Tyler Miller, Jr.

(seventh edition or later)

Course IV - Water Chapters 1, 3, 4, 6, 7, 8, 9, 11, 13, 20, 22, 23, 24, 25 Plus Supplements 3, 4, 7, 8, 9, 11, 12

Seventeenth Edition

Chapters 1,8,11,13,24 & Glossary

**VOCABULARY**

aquaculture groundwater bacteria

Clean Water Act 1977 infiltration

commercial extinction coral reefs

inland wetlands cultural eutrophication

leaching estuary recharge

drainage basin riparian zones

non point source pollution watershed

National Wild & Scenic Rivers Act 1968

polychlorinated biphenyls (PCBs)

surface water economic system

Federal Water Pollution Control Acts 1972,1978

**MISSION STATEMENT**

The mission statement of the Environmental Studies Schools is to teach environmental literacy to cherish, protect and conserve the living earth. The courses teach participants environmental literacy, appreciation of the natural world, encourages action for sustainable development and appreciation for the interrelation of all natural things. Particular emphasis is presently placed on land conservation, water conservation and air quality.

 **National Garden Clubs, Inc.**

***“THE LIVING EARTH”***

**ENVIRONMENTAL**

**STUDIES SCHOOL**

**COURSE 4, SERIES 3**

**Water and Related Issues**

**April 20, 21 2017**

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Colorado Springs,

Woodland Park

Colorado

**Open to the Public**

**Sponsored by**

**Colorado Federation of Garden Clubs, Inc.**

**ENVIRONMENTAL STUDIES SCHOOL REGISTRATION FORM**

CO URSE 4 SERIES 3 April 20, 21, 2017

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Phone\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Email\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Garden Club\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Two Day Course:** NGC members $35\_\_\_ **Total Enclosed \_\_\_\_\_\_\_\_**

 Master Gardeners $35\_\_\_ Mail payment and completed registration form to:

 Non Garden Members $40\_\_\_ Course Chairman

 Exam or Refresher $5\_\_\_ Trudie Layton

**One Day Course (circle one)** $30\_\_\_ 1420 Evergreen Heights Drive

 Thursday Friday Woodland Park, CO 80863

**Environmental Studies School**

**Course 4, Series 3**

**April 20 and 21, 2017**

**Thursday, April 20**

8:00-8:30am Registration

8:30-9:30am Ecology

 *Beth Austin*

9:30-10:30am Earth Stewardship

 *Beth Austin*

10:30-10:45 Break

10:45-11:45am Youth Programs

 *Mary Jo Lewis*

11:45am-12:30 pm Lunch

12:30-1:30pm Aquatic Plants

 *Dee DeJong*

1:30-2:30pm Aquatic Animals

 *Dee DeJong*

2:30-2:45pm Break

2:45-3:45pm Sustainability

 *Jean Taylor*

**Friday, April 21**

8:00-8:30am Registration

8:30-9:30am Wetlands

 *Dee DeJong*

9:30-9:45am Break

9:45-11:45 Discovery Field Trip

12pm Drive To Woodland Park

12:30-1:15 Lunch

1:30-2:30pm Supplemental Topic *Dee DeJong*

2:30-2:45 Break

2:45-3:45pm Course Review

 *Dee DeJong*

*3:45-4:30pm* Test

**Faculty**

Dee DeJong, BS, Nature Guide

Owner, Guides- to- Go

Woodland Park, CO

Mary Jo Lewis, BS,

Supervisor, Bear Creek Nature Center

Colorado Springs, CO

Jean Taylor, BA, MA Ed, Permaculturist

Manitou Springs, CO

Beth Austin, BA, Program Coordinator

Catamount Institute

Colorado Springs, CO

Class Locations

Thursday/Friday

Colorado Springs Utilities

Conservation & Environmental Center

2855 Mesa Road, Colo. Spgs, CO 80904

Friday Field Trip

Catamount Institute

740 West Caramillo Street

Colorado Springs, CO 80907

Friday

Woodland Park Public Library

218 E. Midland Ave

Woodland Park, CO 80863