

**Environmental School
Course 2, Series 2 Schedule**

Cylburn Arboretum Greenhouse Classroom
4915 Greenspring Ave., Baltimore, MD 21209

Day One – Tuesday, April 24, 2018

7:50 - 8:15 – **Registration;** Coffee/Tea, Breakfast
8:15 – 8:30 – **Welcome & Announcements**

8:30 - 9:30 – Lynn Walter, FGCMMD Member &
Environmental Educator
Coastal Zone Management – Values, uses and
functions of coastal zone ecosystems; management
techniques involved in its protection.

9:40 – 10:40 – Sara Via, Ecology Professor, UMD
Ecology-Land – Origins, characteristics and life
forms of various land types (forests, grasslands,
desserts, mountains); soil renewal & reclamation.

10:50 - 11:50 – Sara Via, Ecology Professor, UMD
Plants-Agriculture – origin of food plants and food
production; sustainable agricultural systems & soil
renewal; sustainable food production; corporate
farming.

11:50 - 12:30 – **Lunch** (provided in classroom)

12:30 – 1:30 – Sara Via, Ecology Professor, UMD
Amazing Soil Microbes – The decomposition of
organic matter by soil organisms has an immense
influence on soil fertility, plant growth, soil
structure, and carbon storage.

1:40 – 3:30 – **Field Trip** – On the Grounds of
Cylburn Arboretum – John Fitzpatrick will give us a
tour of the fields of daffodils and many of the spring
ephemerals that can be found on the edge of the
woods.

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Day Two – Wednesday, April 25, 2018

7:50 - 8:15 – **Registration;** Coffee/Tea, Breakfast
8:15 – 8:30 – **Morning Announcements**

8:30 - 9:30 – Kirk Brown, President, Association for
Garden Communicators
Environmental Science - Resources – Earth's
renewable & finite resources; their distribution
around the world and the impact of population &
economic factors.

9:40 - 10:40 – Kirk Brown, President, Association for
Garden Communicators
Earth Stewardship-Gardening with Nature –
applying conservation principles to landscaping of
home & public grounds.

10:50 - 11:50 – Chuck Schuster, Extension Educator,
UMD Extension, Montgomery County
**Source Reduction of Pollutants, Toxics &
Materials** – Pollution abatement and control
through recapturing & recycling; techniques of
pollution control; a review of pollution laws.

11:50 - 12:20 – **Lunch** (provided in classroom)

12:20 - 1:20 – Lynn Walter, FGCMMD Member &
Environmental Educator
Wildlife – Animals: The Misunderstoods -
The value of animals and organisms such as reptiles,
bugs, bats, worms, fungi and microorganisms; their
positive contribution in the web of life.

1:20 – 3:30 – **Course Review &
Open Book Written Exam**
(only required for those seeking consultant status)

Directions to Cylburn

Cylburn is accessible from I-83 South or North; Exit
Northern Parkway West; at first stoplight, turn left
onto Greenspring Ave.; Continue past traffic light at
the intersection of Cylburn Ave. & Greenspring Ave.;
Turn left into the Arboretum gates, follow signs to the
Greenhouse Classroom.

Hotel Information

The Radisson Hotel at Cross Keys, 5100 Falls Road,
Baltimore, MD 21210; Reservations: 410-532-6900;
(special discount of \$109/night available until 3/23 by
mentioning FGCMMD and using Promotional Code
GCLUB). The Radisson is a 5-10 minute drive to/from
Cylburn.

NGC Environmental Schools

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

School Description:

The Living Earth Environmental 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.

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.

Optional Exams are offered for those wishing to
become NGC Accredited Environmental Consultants.

REGISTRATION FORM

Environmental School – Course 2, April 24 & 25, 2018

Name: _____

NGC Garden Club Name (if applicable):

State/District: _____

Email: _____

Address: _____

Phone: _____

Please choose your registration:

_____ **Two-Day Course Registration Fee of \$100** – includes two days of 8 class hours, 2-hour daffodil & wildflower tour of Cylburn Arboretum, printed Student Study Manual, course review and exam, lunch both days.

_____ **April 24th Only Registration Fee of \$60** – Includes 4 class hours, a 2-hour daffodil & wildflower tour of Cylburn Arboretum, and lunch.

_____ **April 25th Only Registration Fee of \$50** – Includes 4 class hours and lunch.

Are you taking the exam? Yes ___ No ___

Are you refreshing? Yes ___ No ___

Note: Refreshing Consultants must attend the full course. Students earning credit towards a Environmental Consultants Certificate must take the full course with the exam.

Mail registration form & check to:

Phyllis Rambo, Council Treasurer,
PO Box 436, Oxford, MD 21654

Make Checks payable to: FGCMDC ECC
FGCMDC-Environmental Consultants Council

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

Course Requirements

Official Text for Environmental School Courses 1-4
Living in the Environment by G. Tyler Miller

Available at significant savings at Amazon.com
(Editions 12 - 16 are available used for
\$10-\$30 including shipping)

Living in the Environment

Reading requirements for Course 2, listed by edition

Chapters should be read before classes start

7th Edition - Chapters 9, 12, 14, 15, 19, 23

8th Edition - Chapters 9, 12, 14, 15, 19, 21, 24

10th Edition – Chapters 7, 9, 20, 21, 22, 23

11th Edition – Chapters 7, 8, 12, 14, 15, 22, 26

12th Edition – Chapters 1, 6, 20, 21, 22, 23, 25, 26,
27, 28

13th Edition – Chapters 10, 13, 15, 17, 20, 21, 23, 25

14th Edition – Chapters 1, 2, 5, 6, 7, 11, 13, 14, 15,
16, 21, 22, 23, 25, 27

15th Edition – Chapters 1, 2, 3, 4, 8, 10, 11, 12, 13,
14, 17, 18, 21

16th Edition – Chapters 1, 3, 4, 5, 6, 7, 8, 9, 10, 12,
14, 15, 16, 21, 25; Plus Supplements 3, 4

17th Edition – Chapters 1, 8, 12, 14, 21, 23, 24

**Environmental Schools are open to everyone
whether or not they are garden club members.**

Questions, Please Contact

State Environmental School Chair: Linda Harris
443-695-2071, lindaharris355@aol.com

Environmental School Course Information & Registration

Course 2, Series 2 – The Living Earth Land & Related Issues



Tuesday & Wednesday,
April 24 & 25, 2018

Cylburn Arboretum Greenhouse Classroom
4915 Greenspring Ave., Baltimore, MD

Sponsored by
**Environmental Consultants Council
Federated Garden Clubs of Maryland, Inc.**
Council Chair, Kathleen Gibbs
Council Treasurer, Phyllis Rambo
Environmental School Chair, Linda Harris

Hosted by
Federated Garden Clubs of Maryland, Inc.
President, Diana Bonner