**REGISTRATION FORM**

**ES COURSE 4 – The Water**

**April 26 - 29, 2022**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City, State, Zip: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cell phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

NGC Members:

Club: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

District #: \_\_\_\_\_\_\_\_\_\_\_State: \_\_\_\_\_\_\_\_\_\_\_\_\_

Please indicate your registration option:

\_\_\_ Full course with exam $65

\_\_\_ Full course without exam $60

\_\_\_ Full course refreshing $65

No refunds after 4/22/2022

Include check for the total amount payable to:

**District VIII FGCNYS**

Mail registration form and check to:

Melissa Marcus, **Registrar**

772 Ransom Road

Grand Island, NY 14072-1464

**Note: Students must complete Form 6; refreshing**

**consultants must complete Form 7. Both Forms are**

**found on the NGC website, School Resources. Email to Registrar(**[**mliss2@msn.com**](about:blank)**) and NY State ES Chair (vikkibellias@gmail.com) before course commences. Must be in fillable PDF format. Directions will be sent to you.**

A close-up of a coin

Description automatically generated with medium confidence

**PLEASE RETURN WITH REGISTRATION**

**PERMITTED EQUIPMENT (circle one)**

Desktop or Laptop computer, Tablet or iPAD

**OPERATING SYSTEM (circle one**) Microsoft, Windows, Apple MacOS, Apple iOS on iPad, Android on Tablet). Smartphones NOT permitted unless it’s for “Hotspot” Connectivity), Zoom S.O.

\*Meets Zoom.com System Requirements

**EXAM**

The exam is open book/notes.

There will be 5 questions from each lecture.

NOTE: Students seeking the National Garden Club designation of Environmental Consultant must pay the nominal fees and pass all exams. Students who opt out of the

exams receive a Certificate of Achievement.

**NGC Environmental School**

**(ES)**

**Series IV**

Presented virtually via

Zoom

**Course 4 – The Water**

Sponsored by

District VIII FGCNYS

Buffalo, NY

Chairperson:

Nancy Kalieta

716-826-7462

716-435-4711

Nancyk212@aol.com

For more information on

Environmental Schools, see

the National Garden Clubs, Inc. website:

[www.gardenclub.org](about:blank)

**DAYS:**

Tuesday, 4/26 to Friday, 4/29

Time: 9:00 – 12:30 Eastern Time

**LOCATION: Zoom Buffalo, NY**

**COURSE OVERVIEW**

**TOPICS:**

Water - Ecology

Plants – Aquatic Plants

Wetlands

Sustainability

Wildlife – Aquatic Animals

Youth Programs

Effective Citizenship

**Virtual Field Trip:**

**Niagara Falls:**

**Emphasis on the falls**

**and its impact on the environment**

An educational tour will take place via Video

by the Niagara Parks Commission

Courses in Environmental Schools are open to everyone, regardless of National Garden Club, Inc. (NGC) membership. Each of the four courses has an optional exam. NGC members wishing to apply to be NGC Environmental Consultants need to take all four courses, pay the testing fees, and pass each exam.

**Course Requirements:**

Official text for all 4 courses:

**Living in the Environment** by G.Tyler Miller

\*Reading Requirements (should be read

prior to the class):

**7th edition** – Chapters 3,13,17,18,22,24

**8th editions** – Chapters 3,13,17,18,23,25

**10th edition** – Chapters 8,10,11,18,19,26,27

**11th edition** – Chapters ,10,11,13,17,20,27,28

**12th edition** – Chapters 1,4,7,13,15,19,20,24,

26,27,28

**13th edition** – Chapters 1,4,7,14,19,24 **14th edition** – Chapters 1,4,7,8,14,15,19,22,

26,27

**15th edition** – Chapters 1,6,12,14,21

**16th edition** – Chapters 1,3,4,6,7,8,9,11,13,20

22,23,24,25

**17th edition** – Chapters 1,8,11,13,24

**18th,19th,20th editions** – Chapters 8,11,13,20,

22,23,24

\*If you have taken Courses 1,2, and 3 many of the listed chapters have been read already.

Suggested Reading:

**Nature’s Best Hope** by Douglas W. Tallamy

*National Gardener* found on the NGC

Website.

**Vocabulary for Course 4**

Aquaculture

Bacteria

Clean Water Act 1977

Commercial Extinction

Coral reefs

Cultural eutrophication

Drainage basin

Economic system

Estuary

Infiltration

Inland wetlands

Leaching

Riparian zones

Surface water

Watershed

**Agenda and course outlines**

**will be emailed approximately**

**one week before class starts**

**Note: Classes begin at 9:00am ET**