#### Thursday September 29, 2016

7:30 a.m. Registration and coffee

ECC College Farm Rd

8:00 a.m. Welcome and Introduction

8:15 a.m. Ecology- Water

9:15 a.m. Plants- Aquatic Plants

10:15 a.m. Break

10:30 a.m. Wetlands

11:30 a.m. Lunch

12:00 p.m. Wildlife- Aquatic Animals

1:00 p.m. Environmental Science

2:00 p.m. Break

2:15 p.m. Nature Discovery Field Trip

4:30 p.m. Wrap-up

### Friday, September 30, 2016

7:45 a.m. Registration and coffee

8:00 a.m. Welcome and Introduction

8:15 a.m. Earth Stewardship

9:15 a.m. Youth Programs

10:15 a.m. Break

10:30 a.m. Forests in NJ wetlands

11:30 a.m. Lunch

12:00 p.m. Exam

## Exam-

For more information please contact: ESS State Chairman Louise Davis 106 Old Denville Rd. Boonton Twp, NJ 07005 973-402-4043 ldavis106@gmail.com

# **Required Reading**

The National Gardener (1 year) 4 issues/year One year Subscription \$6.50 Order from Member Services NGC, Inc. Living in the Environment – G. Tyler Miller, Jr. Available from NGC, Member Services, the Internet and bookstores. You will need the Seventh Edition or later.

Seventh Edition - Chapters 3,13,17,18,22,24 Eighth Edition - 3,13,17,18,23,25 Tenth Edition - 8,10,11,18,19,26,27 Eleventh Edition - 8,10,11,13,17,20,27,28 Twelfth Edition - 1,4,7,13,15,19,20,24,26,27,28 Thirteenth Edition - 1,4,7,14,19,24 Fourteenth Edition - 1,4,7,8,14,15,19,22,26,27 Fifteenth Ed 1,3,6,10,12,13,14,17,18,19,21 24,25,27

Sixteenth Ed. - 1, 3, 4, 6, 7, 8, 9, 11, 13, 20, 22, 23, 24, 25 Plus Supplements 3, 4, 7, 8, 9, 11, 12 Glossary
Seventeenth Ed. - 1,8,11,13,24, Glossary

# **Vocabulary List**

Aquaculture, bacteria, Clean Water Act 1977, commercial extinction, consumerism, coral reefs, cultural eutrophication, drainage basin, dredge spoils, economic system, estuary, Federal Water Pollution Control Acts 1972, 1978 groundwater, infiltration, inland wetlands, leaching, National Wild and Scenic Rivers Act 1968, non point source pollution, polychlorinated biphenyls (PCVB's), recharge, riparian rights, surface water, thermal pollution, watershed

# ENVIRONMENTAL STUDIES SCHOOL SERIES I, COURSE IV September 29-30, 2016 REGISTRATION FORM

Name
Address
Phone ()
E-mail
Garden Club
\$ 105 00 Course Fee- exam extra
\$ 60.00 Thursday
\$ 60.00 Friday
\$ 5.00 Exam or Refresher Fee. \$ 10 .00 Thursday Lunch
\$ 10.00 Thursday Lunch
\$ 10 .00 Friday Lunch
Total Registration Enclosed \$
Make check payable to Garden Club of NJ Mai
registration form and check to: (ESS Registrar)
Chris Endris
306 Main Street
Lebanon, NJ 08833
908-832-6303
chrisendris@gmail.com
No Refund after September 15, 2016,
Please send Lodging Information

### **INSTRUCTORS**

**Dr. Jean Marie Hartmann,** Department Chair Department of Landscape Design, Cook College Rutger's University.

**Johnny Quispe,** graduate student, Department of Landscape Design, Cook College, Rutger's University

Third instructor TBD

#### **Directions to ECC**

From the south- NJ State Parkway to Route 18N to US #d1 (Exit South toward Trenton), Pass Sears on right. Take second turnoff (East Brunswick, Milltown) just beyond overpass. Turn right onto Ryders Lane and move to left land immediately. At the end of the road divider, crossover straight onto Log Cabin Road. At T make right and follow the road to ECC on the right

From the north- Route 287 south to River Road exit (Highland Park). Take right onto River Road. Make a right onto Route 18. Take right onto US#1 (South toward Trenton.) Proceed as above.

Environmental Study Schools are open to all – garden club members and non-members.

Anyone wishing to become an Environmental Consultant accredited by NGC, Inc. must complete all four courses and pass an open book exam following each course.

**ESS Mission** is to teach environmental literacy to cherish, protect and conserve the living earth. Environmental literacy is a learning process concerned with the interrelationship within and between the various components of the natural and human-made world producing growth in the individual and leading to responsible stewardship of the earth.

**Rutgers Master Gardeners-** Attending on Thursday, September 29 earns you 4 .0 CE hours Attending Friday, September 30 earns you 2.0 CE hours. Both days 6.0 CE hours.



adele Klinger

ENVIRONMENTAL STUDIES SCHOOL "THE LIVING EARTH"

SERIES I, COURSE IV

September 29-30, 2016 ECC College Farm Road East Brunswick, NJ 08816



NATIONAL GARDEN CLUBS, INC. Sandra H. Robinson President Patricia Rupiper Environmental Studies Show School Chair

THE GARDEN CLUB OF NEW JERSEY, INC.

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