

REGISTRATION FORM
ESS COURSE I – THE LIVING EARTH
February 24 – 25, 2015

Registration Fee: \$65

The fee includes lunch and refreshments.

Registration Deadline: February 1, 2015

Name: _____

Address: _____

Phone: _____

Email: _____

NGC, Inc. Members:

Club Name: _____ District #: _____

Master Gardener? Yes _____ No _____

Need overnight accommodations?

Yes _____ No _____

**Include check for \$65 made payable to
FFGC, District IV**

*Mail registration form and check to :

David Farah, Registrar

621 Casa Fuerta Lane

St. Augustine, FL 32080-7169

For more info email: dcfarah@gmail.com.

904-460-4863

*Students seeking NGC Environmental Consultant recognition will need to provide their mailing label from The National Gardener magazine or proof of NGC Life Membership. (See **General Course Information**.)

GENERAL COURSE INFORMATION

Environmental Studies School (ESS) courses 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 must fulfill these requirements:

- subscribe to The National Gardener magazine
- take all four courses, and pass each exam

Non-members fulfilling the above requirements may apply to be Consultants upon joining an NGC-affiliated club within one calendar year of the completion date of the 4th course.

Consultants may serve on their state's NGC Council of Environmental Consultants.

Students who only attend the course will receive a Certificate of Achievement.

**Course II is planned for September 23 & 24, 2015
at the Garden Club of Jacksonville, FL**

COURSE LOCATION

St. Johns County Cooperative Extensive Service

3125 Agricultural Center Drive

St Augustine, FL 32092

(904) 209-0430



Seven miles NW of the city of St. Augustine. From I-95, take Exit #318 to State Road 16W.



NATIONAL GARDEN CLUBS, INC.

PRESENTS:

Environmental Studies School (ESS)

Course I – The Living Earth

February 24 – 25, 2015

Sponsored by:

FLORIDA FEDERATION OF GARDEN CLUBS

DISTRICT IV

<http://flgc.esiteasp.com/districtiv/home.nxg>

Co-Chairmen:

Jackie Host, FFGC District IV Director

Susan Swain, Garden Club of St. Augustine

Co-sponsor:

St Johns County Cooperative Extension Service

Keith Fuller, Horticulture Agent

For more information on the **ESS Schools** see the National Garden Clubs, Inc. website:

www.gardenclub.org

COURSE AGENDA TUESDAY, FEBRUARY 24, 2015

8:00-8:30

REGISTRATION AND COFFEE. If seeking National Garden Club designation of Environmental Consultant, please bring label from *The National Gardener* or NGC Life Membership.

8:30-9:30 – **Kenneth Rainer**, DEP

ECOLOGY: The four elements of Earth's life support system; our ecosystem components; environmental challenges and opportunities.

9:30-10:30 – **Michael D. Adams**, BS biology, MS, Environmental Administrator. Consultant/Sr. Environmental Scientist

ENVIRONMENTAL SCIENCE: Principles of environmental science; renewable, non-renewable, and perpetual resources; energy conservation and loss prevention.

10:30-10:45 – **BREAK**

10:45-11:45 – **Michael D. Adams**

ENVIRONMENTAL ISSUES: Finite earth's carrying capacity; human impact; solid waste issues.

11:45-12:30 - **LUNCH**

12:30-1:30 – **Keith Fuller**, BS Ornamental Horticulture; St. Johns County Horticulture Agent; over 15 years of teaching experience.

PLANTS - Biodiversity: Role of species in an ecosystem; protective mechanisms and sensitivities to environmental change; in-depth study of a species.

1:30-2:30 – **Keith Fuller**

BACKYARD WILDLIFE HABITAT: Creating and developing habitat-friendly landscapes.

TUESDAY, FEBRUARY 24, 2015 (cont.)

2:30-2:45 - **BREAK**

2:45-3:00 - **TRAVEL TO FIELD TRIP SITE**

3:00-5:00 - **Tour of Saturiwa** conservation area, tree farm, and homestead on the St. Johns River dedicated to biological and wildlife protection, awareness education, native pine forest restoration, and environmental stewardship.

WEDNESDAY, FEBRUARY 25, 2015

8:00-8:15 – **CHECK-IN AND COFFEE**

8:15-9:15 – **Jennifer Gihring**, BS Conservation Mgt; Psychology; MRP Urban & Regional Planning; 12 yrs exp. Environmental Planner, stakeholder development, endangered species habitat & land use, regulatory & compliance issues

NETWORKING AND OUTREACH: Effectively working with others to benefit earth and its life. How NGC can contribute.

9:15-10:15 – **Jennifer Gihring**

HISTORIC ENVIRONMENTAL ACTIONS AND

LEADERS: Human impact; evolution of environmental education; landmark legislation; philosophers and writers on the environment.

10:15-10:30 – **BREAK**

10:30-11:30 – **Deirdre Irwin**, BS Env. Science & Env. Mgt., Dublin Institute of Technology, 25 yr exp. Env. Education, Green Bldg. Certification & water resource programs

SUSTAINABILITY: Multiple strategies; personal footprint, responsibility, and pledge.

11:30-12:15 – **LUNCH**

12:15-12:35 – **REVIEW AND WRAP-UP**

12:35 - 3:35 - **EXAM**

TEXTBOOKS & READING

Students taking the exam are required to read these books. The books are available from NGC, Inc. Member Services – 1 (800) 550-6007. Alternatively, both books may be purchased at significant savings through Amazon.

Bringing Nature Home by Douglas W. Tallamy

Living in the Environment by G. Tyler Miller and Scott E. Spoolman. Reading requirements by edition are below:

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 – 28

13th Edition – Chapters 1, 2, 4 – 8, 9, 12, 21 – 23

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

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

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

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

Cover photo: Florida scrub-jay (threatened species).
Courtesy of US Fish & Wildlife Service Digital Library.

