

ENVIRONMENTAL STUDIES SCHOOL

The Environmental Studies School (ESS) Program is brought to you by the National Garden Clubs, Inc. (NGC).

This educational opportunity is a series of Four Courses designed to stimulate interest and understanding of our environment. They encompass Land Conservation and Trust, Water Conservation, Groundwater Protection, Air Quality, Energy Awareness, Waste, Bodenbender,

Members of MGC Garden Clubs that complete the program are designated as **Environmental Consultants**. They are eligible to join **Michigan Consulting Council** that organizes programs for members to further their education in the areas of Environment, Landscape Design and Horticulture.

Each course consists of 10 hours of instruction, a course outline and a reading assignment. A student wishing to take the optional exam must attend all 10 **hours**.

Please note:

ESS Course 2, **Land and Related Issues**
Will be held on April 17 & 18, 2017

ESS Course 3, **Air and Related Issues**
will be held on October 16 & 17, 2017

ESS Course 4, **Water and Related Issues**,
will be held on April 9 & 10, 2018
at the First Reformed Church, 630 State
Street, Holland, MI 49423

PROGRAM SCHEDULE

Monday, October 17

9:00 am Registration, Hospitality

9:30 am ECOLOGY

Kathy Winnett-Murray

Hope College Faculty

10:45 am Break

11:00 am ENVIRONMENTAL SCIENCE

Brian Bodenbender, Hope College

12:00 noon Lunch

12:45 pm HISTORIC ENVIRONMENTAL

ACTIONS & Leaders: Heather Rueth-
MACD Michigan Association of
Conservation Districts

1:45 pm BACKYARD HABITAT

Kelly Goward-MACC

2:15 pm Break

2:30 pm PLANT DIVERSITY

Tom Bultman, Hope College

3:30 pm REVIEW

Tuesday, October 18

9:00 am Registration, Hospitality

9:15 am NETWORKING AND OUTREACH

Michelle Gibbs: Hope Sustainability
Institute

10:15 am SUSTAINABILITY

Michelle Gibbs, Hope College
Sustainability Institute

11:15 am Lunch

11:45 pm FIELD TRIP: DEGRAAF NATURE
CENTER

Robert Venner/Mike Graves

12:15-1:45 BIODIVERSITY

Robert Venner/Mike Graves

2:00 pm EARTH STEWARDSHIP:

Green Fire Video (NGC)

3:00 pm Break

3:15 pm Review

3:45 pm Exam

REGISTRATION

MGC Environmental Studies School, Course 1 October 17-18, 2016

*Please Register Early-Deadline Oct. 4th
Please Print*

Name: _____

Street: _____

City: _____

State: _____ Zip Code: _____

Email: _____

Phone: _____

Garden Club _____

District _____

Special Diet Needs: _____

Taking Exam: Yes No

Refreshing: Yes No

Full Course Registration: \$95.00

Make check payable to:

MGC, Inc. Environmental School

Send to: Registrar:

Lynn Miller

427 Adaway SE

Ada, MI 49301

lmiller.garden@yahoo.com

616-676-2274

Required Reading

The National Gardener Subscription
1 year (4 issues) \$6.50

**Living in the Environment*-G. Tyler Miller, Jr. Available: NGC Member Services, or online bookstores, Latest Edition is Seventeenth

Course 1: Ch. 1, 5, 6, 9, 10, 21, 22, 25. Plus Supplements 3, 6, & Glossary

Course I, Vocabulary from
Living in the Environment

Agricultural Revolution

Barrier island

Coastal zone

composting

deforestation

desertification

genetic pool

green revolution

grasslands

integrated pest management

population carry capacity

rangelands

resource-renewable & nonrenewable

slash-and burn cultivation

soil conservation

sustainable Earth-agricultural system

urban microclimate

urban sprawl

wetlands

Wilderness Act of 1872

Wildlife Restoration Act of 1937

*If you are unable to get a copy we will see if we can provide copies to Loan.

ENVIRONMENTAL SCHOOL COMMITTEE

President, MGC	Marilyn McIntosh mgc.statepresident@yahoo.com
MGC 3 rd Vice President Schools	Janet Hickman jchickman@charter.net
State Chairman, MGC ESS	Rita Crawley rcrawley@dundeecastings.com
Registrar	Lynn Miller lmiller.garden@yahoo.com
School Chairman	Deannie Picciotti dmp77@charter.net

HOTEL ACCOMODATIONS

Haworth Inn \$132.

225 College Ave
Holland, MI 49423 (616-395-7200)

Fairfield Inn \$150.

2854 W Shore Dr.
Holland, MI 49424 (616-786-9700)

Hampton Inn \$126.

12427 Felch Street
Holland, MI 49424 (844-402-3687)

Double Tree by Hilton

650 E 24th Street
Holland, MI 49423 (616-394-0111)

(Please check online for hotels in Holland, most standard chains are located on Hwy 31 with easy access to Downtown Holland)

ESS LOCATION

First Reformed Church

630 State Street

Holland, MI 49424

Deannie Picciotti: Chair

Cell 616-283-7744 dmp77@charter.net

Environmental Studies School

Course 1

October 17-18, 2016

hosted by

District IV,

Michigan

Garden Clubs, Inc.

www.michigangardenclubs.org



&

National Garden Clubs,

www.gardenclub.org



NGC Central Region

www.ngccentralregion.org



Location:

First Reformed Church

630 State Street

Holland, MI 49423