



Environmental School – Course 1-Series 4

Thursday, September 22, 2022

7:45 A.M. - 8:15 Registration/Sign In

8:15 A.M. - 8:30 Announcements/Tech Check

8:30 A.M. - 9:30 Ecology - Dr. Oz Schmitz, Yale University

Earth's Life Support System; components of an ecosystem, human impact, true cost of consumption.

9:30 A.M. - 9:40 Break

9:40 A.M. - 10:40 Sustainability – Dr. Oz Schmitz

Personal choices to promote conservation, preventing pollution, alternatives to toxics

10:40 A.M. - 10:50 Break

10:50 A.M. - 11:50 Environmental Science - Paul Tanner, Geologist, O'Reilly, Talbot & Okun

Principles of Environmental Science, Non-renewable & renewable resources, managing energy resources.

11:50 A.M. - 12:20 Lunch

12:20 P.M. - 1:20 Environmental Issues - Margery Winters, Environmentalist Instructor

Earth's carrying capacity, beneficial and harmful impact of humans on the environment, managing and disposing of solid waste.

1:20 P.M. - 1:30 Break

1:30 P.M. - 3:30 Virtual Field Trip

3:30 P.M. - 4:00 Day 1 Review

Friday, September 23, 2022

7:45 A.M. - 8:15 **Registration/Sign In**

8:15 A.M. - 8:30 **Announcements/Tech Check**

8:30 A.M. - 9:30 **Backyard Wildlife Habitat - Carrie Szwed, WMCC**

Creating environmentally healthy habitats for wildlife in home, school, public and commercial settings, without sacrificing aesthetic. Landscaping with the protection of wildlife in mind.

9:30 A.M. - 9:40 **Break**

9:40 A.M. - 10:40 **Plants - Biodiversity- Greg Bugbee, CAES**

Role and value of species in an ecosystem, genetic variation, diversity, sensitivities to environmental changes, causes of extinction.

10:40 A.M. - 10:50 **Break**

10:50 A.M. - 11:50 **Historic Environmental Action Leaders- Robert La France, Audubon Connecticut**

Human actions that have impacted the environment, the evolution of environmental education, landmark legislation, works of selected philosophers and writers on the environment.

11:50 A.M. - 12:20 **Lunch**

12:20 P.M. - 1:20 **Networking and Outreach - Susan Quincy, CT DEEP**

How to work with individuals and organizations in pursuit of goals beneficial to the earth and life on earth; how NGC environmental programs can be shared and scaled; with the potential to enrich lives.

1:20 P.M. - 1:50 **Day 2 Review**

2:00 P.M. - 5:00 **Open Book Written Exam***

(Maximum allotted time, if needed)

*Only required for those seeking consultant status.