

Invasive Plant Control, Inc.

Winter-Spring 2014 IVS Management Training Workshop Series.

Workshop I. IVS 110 – Introduction to Invasive Species Management.

Instructor: Dr. Randy Westbrooks, IVS Prevention Specialist, Whiteville, N.C.*

Agenda

8:30-9:00. Workshop Registration.

9:00-9:15. Session I. Introductions, Workshop Overview. (0.25 Hour)

9:15-10:15. Session II. The IVS Problem. (1.0 Hour)

- Nature and Scope of the IVS Problem
- Characteristics of Invasive Species

10:15-10:30. Break.

10:30-12:00. Session III. Overview of Invasive Species. (1.5 Hours)

- Invasive Plants
- Insects and Diseases
- Aquatic Nuisance Species
- Injurious Wildlife

12:00-1:00. Lunch (On Your Own).

1:00-1:45. Session IV. Impacts of Invasive Species. (0.75 Hour)

- Ecological Impacts of IVS
- Economic Impacts of IVS

1:45-2:30. Session VI. The Process of Biological Invasions. (0.75 Hour)

- Natural and Artificial Dispersal
- Global Spread of IVS by People
- Principal Stages of Biological Invasions
- The Lag Phase – A Biological Ticking Time Bomb
- Modeling Exponential Growth of Yellowstar Thistle
- Intentional Introductions
- Unintentional Introductions
- Pathways and Vectors (Trade, Tourism, Transport)
- Other Factors Enhancing IVS Spread

2:30-2:45. Break.

2:45-3:30. Session VII. Strategies for Predicting Invasiveness. (0.75 Hour)

- Characteristics of Successful Invaders
- Characteristics that make an Environment Susceptible to Invasion.
- Methods for Predicting Invasiveness of Introduced Plants.
- Hands-on Activity – Beach Vitex Weed Risk Assessment

3:30-4:00. Session VII. Workshop Summary and Review. (0.5 Hour)

- Overview of Upcoming IPC IVS Training Workshops

*Dr. Randy Westbrooks served as a Federal Invasive Species Prevention Specialist with the U.S. Department of Agriculture (APHIS PPQ), and more recently the Department of the Interior (U.S. Geological Survey) from 1979-2012. He is now an Associate with [Invasive Plant Control, Inc.](#) (IPC), a Nashville, TN, based company that is working to manage invasive species worldwide.

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