

Learning Outcomes:

1. Be able to identify the community changes created by invasive plants
2. Learn to develop goals, objectives, and strategies (not just “kill weeds”)
3. Know how to prioritize the management of invasive species and where to turn for model invasives management plans and best management practices.

Outline:

- Define Invasive Plants vs. Non-indigenous species
 - Potential Characteristics
- The Effects of Disturbance
- Impacts from Invasive Species
 - Alters composition wildlife populations
 - Kills trees
 - Halts succession from field to forest
 - Costs money
 - “Green Pollution”
 - Our Legacy?
- A Gallery of Selected Mid-Atlantic Invaders
- Invasives Management
 - General characteristics
 - Goals, Objectives, Strategies
 - Inventories
 - Maps
 - Prioritization strategies
 - Research Best Management Practices
 - Prevent invasions
 - Mechanical Methods
 - Cultural Control
 - Chemical Control
 - Biological Control
 - Restoration
- The Outcome: Review, Repeat (Adaptive Management)

Possible handouts:

- Trail map for Crow’s Nest Preserve
- Map and Guide to Hopewell Big Woods region
- Executive Summary of Invasive Plant Management Plan for Crow’s Nest Preserve
- Practical Stewardship Notes: Commentary from the Natural Lands Trust Weblog that builds upon the Stewardship Handbook
- Bibliography of Invasive Plant Resources
- Controlling Invasive Plants brochure
- Native Alternatives to Invasive Plants brochure
- Deer Management Program Rules and Regulations
- Link to online PDF, free download of Natural Lands Stewardship Handbook: **Land for Life**
<https://natlands.org/wp-content/uploads/downloads/2014/09/LandForLife-2014-07-24LR.pdf>