

## Day One, Wednesday, August 3

- 8:00 a.m. Registration**
- 9 a.m. Welcome and Overview**  
Peggy Sandretzky, *National Park Service Liaison, U. S. Fish and Wildlife Service National Conservation Training Center*  
Jil Swearingen, *IPM & Invasive Species Specialist, National Capitol Region, Center for Urban Ecology, National Park Service*  
Steve Manning, *President, Invasive Plant Control Inc.*
- 9:15 a.m. Keynote Speaker: Applying Wildfire Management Practices to Invasive Plant Infestations**  
Kim Edvarchuk, *Research Associate, Invasive Weed Mapping Program, Utah State University*
- 10 a.m. Break**
- 10:30 a.m. MAEDN Voyage: Implementing an Early Detection and Distribution Mapping System (EDDMapS) through the Mid-Atlantic Early Detection Network**  
Chuck Barger, *Technology Director, Center for Invasive Species and Ecosystem Health, University of Georgia*
- 11 a.m. Mapping and Monitoring Strategies: Collecting Weed Data in Natural Areas**  
Kim Edvarchuk, *Research Associate, Invasive Weed Mapping Program, Utah State University*
- 11:30 a.m. Annual Mid-Atlantic Invasive Plant Council Business Meeting**  
Jil Swearingen, *National Park Service and MAIPC President*
- 12 noon Lunch**
- 1 p.m. Field Exercises**  
**Site-appropriate Mapping Methods: Demonstrations of GPS Technologies and Considerations for Planning**  
Kim Edvarchuk, *Research Associate, Invasive Weed Mapping Program, Utah State University* and Chuck Barger, *Technology Director, Center for Invasive Species and Ecosystem Health, University of Georgia*
- 3 p.m. Break**



- 3:30 p.m. Wavyleaf Basketgrass: History, Theories on its Spread, and Control**  
John Peter Thompson, *Principal Investigator, Northeast-Midwest Institute*
- 4 p.m. Developing Partnerships to Manage Invasive Species in the Potomac Highlands**  
Andrea Brandon, *Coordinator, Potomac Highlands Cooperative Weed and Pest Management Area, The Nature Conservancy, Elkins, WV*
- 4:30 p.m. Wrap-up Discussion. Review of Day 2 logistics**
- 5 p.m. Social Hour and Poster Session in Lounge Area**

## Day Two, Thursday, August 4

- 8:00 a.m. Registration**
- 8:30 a.m. Rounding the Bend: Returning an Invaded Forest to a Mostly Native Forest Habitat**  
Bonnie Harper-Lore, *Restoration Ecologist, Consultant*
- 9:30 a.m. Boots, Backpacks and Bicycles – Only YOU Can Prevent Invasive Weed Spread! Techniques for Preventing the Introduction and Spread of Invasive Plants**
- Decontamination of vehicles
  - Portable equipment cleaning tools
  - Weed-free gravel, hay and plant materials
  - Preventing spread via roads and landscapes
- Jim Olivarez, *Northern Regional Program Leader for Invasive Species, USDA Forest Service (retired)*
- 10 a.m. Break**
- 10:30 a.m. Herbicide Modes of Action**  
Richard D. Lee, Ph.D., *IPM Specialist, USDI-Bureau of Land Management, National Operations Center, Denver Federal Center*
- 11:15 a.m. Using Herbicides in Natural Areas: What Am I Allowed to Use Where?**  
Art Gover, *Project Associate, Penn State Wildland Weed Management*
- 12 noon Lunch**

- Field Exercises**  
Demonstrations are 20 minutes long and repeat every 30 minutes. You will break into smaller groups with staggered start locations.
- 1:30 p.m. Station 1. Herbicide Mixing and Personal Protective Equipment**  
Frank Archuleta, *Team Leader, Exotic Plant Management Team, National Park Service, National Capitol Region*
- 2 p.m. Station 2. Backpack Sprayer Calibration**  
Art Gover, *Project Associate, Penn State Wildland Weed Management*
- 2:30 p.m. Station 3. Selecting the Appropriate Herbicide Method**  
Lee Patrick, *Vice President, Invasive Plant Control, Inc.*
- Backpack and handsprayer use
  - Treating woody plants (hack+squirt, cut stump, basal bark)
  - Thinvert applications
- 3 p.m. Break**
- 3:30 p.m. Station 4. Mechanical Methods (chainsaws, brush-cutters, other)**  
Moderator: Steven Manning, *President, Invasive Plant Control, Inc.*
- 4 p.m. Station 5. Control Techniques for Prairie Restoration with Equipment Demonstration on Local Species**
- EZ Lance
  - Diamond Wetblade
  - Gyrotrack/Mulching Machine
  - RTV Station
  - Enviroquip Sprayer
- Moderator: Steven Manning, *President, Invasive Plant Control, Inc.*
- 4:30 p.m. Conclusions and Adjourn**  
Distribute Pesticide Recertification Materials.

## Registration Form

### Invasive Plant Conference: Tools and Techniques for Mapping, Managing and Mending Invaded Lands August 3 & 4, 2011

Register online at [www.morrisarboretum.org](http://www.morrisarboretum.org)  
Click on "Education" and "Invasive Plant Conference."

Fee:  \$185 (For two days)  \$100 (For one day)  
Student Fee:  \$95 (For two days)  \$45 (For one day)

Must have valid student ID.

Mark One:  Wednesday  Thursday  both days

Fee includes one-year membership in MAIPC.

Total Fee: \_\_\_\_\_

To register by phone, have your credit card ready. Contact the Morris Arboretum Education Department 215.247.5777, ext. 125 or [jl@upenn.edu](mailto:jl@upenn.edu) with questions or to sign up.

Cancellations received by July 20 will be fully refunded less a \$25 processing fee.

Hotel information is available at [www.morrisarboretum.org](http://www.morrisarboretum.org).  
Click on "Education" and "Invasive Plant Conference".

**Pesticide recertification credits will be available.**



# Invasive Plant Conference:

## Tools and Techniques for Mapping, Managing and Mending Invaded Lands

August 3 & 4, 2011  
to be held at the  
National Conservation Training Center  
Shepherdstown, West Virginia



Morris Arboretum of the  
University of Pennsylvania  
*Official arboretum of the Commonwealth of Pennsylvania*  
100 East Northwestern Avenue  
Philadelphia, PA 19118

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# Invasive Plants



The Morris Arboretum is proud to print this brochure on FSC (Forest Stewardship Council) certified paper, which supports the growth of responsible forest management worldwide through its international standards.

### Who Should Attend:

Managers of parks, preserves, conservation districts and other natural areas, invasive plant management and restoration specialists, researchers, students, gardeners, landscape architects, managers of botanical gardens and nurseries, extension agents, environmental educators, garden writers, recreational land managers and others interested in learning more about invasive plants, biodiversity and habitat restoration.

### Acknowledgements

This conference was made possible by the generous support and cooperation of the following partners:

- Bureau of Land Management
- Center for Invasive Species and Ecosystem Health
- Invasive Plant Control, Inc.
- IPC Web Solutions
- Mid-Atlantic Invasive Plant Council
- National Park Service
- Morris Arboretum of the University of Pennsylvania
- U.S. Fish and Wildlife Service
- U.S. Forest Service

# Invasive Plant Conference:

## Tools and Techniques for Mapping, Managing and Mending Invaded Lands

Invaded landscapes can be daunting to the point of complete hopelessness. It can be nearly impossible to imagine that a degraded forest, wetland, or grassland dominated by invasive plants could ever be returned to a natural habitat. However, because most of us have an irrepressible sense of optimism and are stimulated by a challenge, a tiny germ of hope soon becomes our mission to take action and we are off and running! That's when the full weight of the problem hits us – restoring a highly invaded landscape is a huge, complex and long-term undertaking that can be very costly.

If you find yourself in this position, what can you do? This eighth Mid-Atlantic conference will provide you with the tools you need to accomplish your objectives. You will learn how to map the invasive species on your site, develop a site plan, select appropriate control methods, and ultimately, achieve restoration to a site dominated by suitable native plant species.

The Conference is sponsored by the Mid-Atlantic Invasive Plant Council (MAIPC), formerly the Mid-Atlantic Exotic Pest Plant Council. MAIPC is a 501 (c) (3) organization.