

SPECIAL SE-EPPC E-NEWS September 2008 Volume 2.4

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35th Annual Natural Areas Conference

NATURAL AREAS REVIVAL IN MUSIC CITY: Tuning Into a Changing Climate and Biological Invasion

October 14 – 17th, 2008

Doubletree, Hotel - Nashville, TN

A Joint Conference of the Natural Areas Association (NAA) and the National Association of Exotic Pest Plant Councils (NAEPPC)

Early Registration Extended to September 30, 2008

REGISTER NOW! <https://utconferences.outreach.utk.edu/ei/getdemo.ei?id=118&s= 2CK00M6QQ>

1. Why You Should Attend!

There is less than a month until the Natural Areas Conference kicks off in Nashville, TN. This is a joint conference with NAA and more than half of the conference program was organized by NAEPPC and these sessions are dedicated to biological invasion. Have you registered for NAEPPC's inaugural national conference? You will find in this newsletter a listing of those concurrent sessions and you will notice that the foremost experts in the field will be presenting at the conference.

This conference is expected to be one of the very best national invasive species conferences yet. SE-EPPC is the de facto EPPC host organization since it is Nashville, and many SE-EPPC members have been responsible for helping organize it. Show your support for SE-EPPC by registering for the conference and take advantage of this once only opportunity.

For a complete listing of all conference activities including the complete conference program go to the <http://www.naturalarea.org/08conference/>. Register now before the registration fee increase after October 30.

2. Conference Schedule Overview

Tuesday, October 14, 2008

8:30 a.m. – 11:30 a.m.	Roundtables and Workshops
1:00 p.m. - 1:20 p.m.	Welcome Addresses (War Memorial Auditorium)

1:20p.m. - 5:50 p.m. Plenary Session (War Memorial Auditorium)
5:30 p.m. - 7:30 p.m. Opening Reception (Doubletree Hotel)

Wednesday, October 15, 2008

8:30 a.m. - 12:00 p.m. 7 concurrent sessions
12:00 p.m. - 1:30 p.m. Lunch (on your own)
NAA Annual Membership Luncheon Meeting (lunch provided)
1:30 p.m. - 5:00 p.m. 7 concurrent sessions
5:00 p.m. - 7:00 p.m. Poster Session & Social (Doubletree Hotel)

Thursday, October 16, 2008

7:00 a.m. – 9:30 a.m. Buses depart from Doubletree Hotel for 24 field trips
6:30 p.m. – 11:00 p.m. Banquet at the historic Ryman Auditorium

Friday, October 17, 2008

8:30 a.m. 7 concurrent sessions
12:00 p.m. - 1:30 p.m. Lunch (on your own)
NAEPPC Luncheon Meeting (lunch provided)
NAA Focus Group Discussions Lunch (Bring Your Lunch)
1:30 p.m. - 5:00 p.m. 7 concurrent sessions
5:00 p.m. Conference adjourns

3. Plenary Session – War Memorial Auditorium

Tuesday, October 14, 2008

Welcome addresses

1:00 p.m.
Kim Herman, President, Natural Areas Association, and Brian Bowen, Conference Chair,
Tennessee Department of Environment and Conservation

Plenary Addresses

1:20 p.m. – 1:55 p.m.
Jim Fyke, Commissioner of Department of Environment and Conservation, **Conserving
Tennessee's Natural Heritage**

1:55 p.m. – 2:30 p.m.
Ed Clebsch, University of Tennessee, **The Natural History of Tennessee**

2:30 p.m. – 3:00 p.m.
Break

3:00 p.m. – 3:10 p.m.
Tony Pernas, National Association of Exotic Pest Plant Council, President

3:10 p.m. -3:50 p.m.

Richard N. Mack, School of Biological Sciences, Washington State University, Pullman, WA.
Predicting Biological Invasions Under Global Climatic Change: Complexity²

3:50 p.m. - 4:30 p.m.

Daniel Simberloff, Nancy Gore Hunger Professor of Environmental Studies at the University of Tennessee. **Biofuel Feedstocks: Are Invasion Biologists Just Chicken Littles**

4:30 p.m. – 5:20

Larry J. Schweiger, President and CEO, National Wildlife Federation.

Confronting The Climate Crisis: Why We Need To Reinvent Natural Resources Conservation To Save The Places We Care About

5:30 p.m. Opening Reception: Doubletree Hotel

4. Schedule of Presentations – Doubletree Hotel

Wednesday, October 15, 2008

8:30 – 10:00 a.m.

Symposium: Invasive Exotics Prevention: Invasive Risk Assessments - Current Trends

Host **Doria Gordon**

8:30-9:00 Will climate change affect weed risk assessments? *Sarah Reichard*

9:00-9:30 Accuracy and implications of implementing the Australian Weed Risk Assessment for the U.S.
Doria Gordon

9:30-10:00 plants The revision of Quarantine 37 (Q-37); addressing the risks associated with the importation of
for planting. *Christa Speckmann*

Symposium: Forest Health: Introduced Forest Insects and Pathogens

Host **Faith Campbell**

8:30-9:00 Alien forest insects: recent arrivals, impacts, and management efforts. *Robert Haack*

9:00-9:30 Efforts made by departments of agriculture to survey for, delimit, eradicate or suppress exotic
forests pests in the United States. *Gray Haun*

9:30-10:00 Addressing exotic forest pest problems through multi-agency, multidisciplinary cooperation.
Scott Schlarbaum

Symposium: Invasive Exotics Management and Control: Partnerships Equal Success

Host **Nelroy Jackson**

8:30-9:00 National Invasive Species Council and partnering. *Chris Dionigi*

9:00-9:30 Be Plantwise: a national partnership to prevent the spread of invasive species across the
urban/wildland interface. *Damon Waitt*

9:30-10:00 Team Arundo – a local partnership – and NIWAW (National Invasive Weed Awareness Week)
a national partnership. *Nelroy Jackson*

Symposium: Invasive Exotics Prevention: Successful Prevention of Invasives from Anthropogenic Pathways

Host **Sarah Reichard**

10:30-11:00 Pet projects: Pet industry initiatives to minimize the introduction of invasive species into
natural areas. *Jamie Reaser*

11:00-11:30 Prevention of invader spread using commonsense strategies to manage control and research
efforts, visitors, and development projects: National Park Service and conservation groups on

11:30-12:00 Maui, Hawaii. *Jeremy Gooding*
Prevention strategies for limiting spread of aquatic invasive species by recreational boaters.
Reuben Keller

Symposium: Forest Health: Hemlock Woolly Adelgid

Host *Rusty Rhea*

10:30-11:00 Biology and life cycle of the hemlock woolly adelgid in the southern Appalachians: Growing up southern. *Jerome Grant*

11:00-11:30 Impacts of hemlock woolly adelgid in Great Smoky Mountains National Park; Documented and projected. *Kristine Johnson*

11:30-12:00 Management of hemlock woolly adelgid: Current methods. *Rusty Rhea*

Symposium: Invasive Exotics Management and Control: Partners in Action

Host *Tony Pernas*

10:30-11:00 National Park Service – Exotic Plant Management Teams, swing your partner...*Rita Beard*

11:00-11:30 Florida's upland invasive Exotic Plant Management Program—The first ten years. *Greg Jubinsky*

11:30-12:00 Hawaii's invasive species partnerships: Providing wise guidance and effective action in an invaders' paradise. *Lloyd Loope*

Symposium: Invasive Exotics Prevention: Promoting Voluntary Codes of Conduct by Engaging the Right Partners.

Host *Valerie Vartanian*

1:30-2:00 Promoting voluntary codes of conduct by engaging the right partners. *John Peter Thompson*

2:00-2:30 Status of the voluntary codes of conduct in Hawai'i. *Christy Martin*

2:30-3:00 Plants for a Livable DELAWARE. *Faith Kuehn*

Session: Forest Health

Moderator

1:30-2:00 Scale of disturbance effects establishment of invasive species: How the emerald ash borer eradication facilitates a secondary spread of invasive plant species. *Constance Hausman*

2:00-2:30 Systematic evaluation of oak regeneration in lower Michigan. *Jeff Lee*

2:30-3:00 OPEN

Workshop: Invasive Exotics Management and Control: Cooperative Weed Management Areas

Facilitator(s) *Kate Howe, Janet Clark*

1:30-3:00 Carmen Chapin, Judy Dumke, Chris Evans, Doug Johnson

Workshop: Invasive Exotics Prevention: How to Build an Effective Partnership

Facilitator: *Sarah Reichard*

3:30-5:00 Christy Martin, Faith Kuehn, Valerie Vartanian, John Peter Thompson

Panel: Forest Health: Firewood

Facilitator *Faith Campbell*

3:30-5:00 Carol DiSalvo, Jerry Carlson, Carey Tichenor

Session: Invasive Exotics Management and Control: Using Volunteers and Partners

Moderator *Steve Manning*

3:30-4:00 Improving invasive alien plant management through partnerships. *Louise Stafford*

4:30-5:00 Volunteer programs are an essential aid in controlling invasive plants. *James Akerson*

5:00-5:30 Exotic plant management through cooperation and collaboration: The foundation for success. *Curt Deuser*

Session: Invasive Exotics Tools

Moderator *Chuck Barger*

3:30-4:00 A user-oriented approach to invasive species data aggregation, mapping and decision-making for all taxa. *Meg Wilkinson* and *Gary Knight*

4:00-4:30 Bugwood: tools for invasive species and forest health management. *Keith Douce*

4:30-5:00 Predictive mapping to support early detection of invasive plants. *Doug Johnson*

Friday, October 17th

Symposium: Invasive Exotics Early Detection Rapid Response (EDRR)

Host Les Mehrhoff

8:30-9:00 2008 update on development of the U.S. National Early Detection and Rapid Response system for invasive plants. *Randy Westbrooks*

9:00-9:30 The Invasive Plant Atlas of New England: A regional approach to early detection of potentially invasive plants. *Les Mehrhoff*

9:30-10:00 Toward a collaborative statewide program of early detection in Hawaii. *Lloyd Loope*

Symposium: Invasive Exotics Impacts from 30,000 feet

Host Doug Tallamy

8:30-9:00 Economic costs of invasive plants: Control and management strategies to reduce total impacts. *Reuben Keller*

9:00-9:30 Morphing American landscapes: Will there be any 'natural areas' left in 50 years? *Scott Schlarbaum*

9:30-10:00 Invasive exotic vertebrates in continental North America: Diversity, dispersion, impacts, and ecosystem dynamics. *Jerry Jackson*

Symposium: Invasive Exotics Management and Control: Biocontrol

Host Bernd Blossey

8:30-9:00 Biological control of introduced plants: Rationale, procedures and pitfalls. *Bernd Blossey*

9:00-9:30 Host specificity screening: Basic principles and future outlook. *Hariet Hinz*

9:30-10:00 Direct and indirect non-target effects in biological weed control programs in North America. *Mark Schwarzlaender*

Panel: Invasive Exotics EDRR: Invasive Species Mapping – Trends and Data Sharing

Facilitator Chuck Barger

10:30-12:00 Chuck Barger, Chris Evans, John Madsen, Mark Skinner, Georgianna Strode, Jil Swearingen, Damon Waitt, Meg Wilkinson, Amos Ziegler

Symposium: Invasive Exotic Species Impacts on Food Webs

Host Faith Campbell

10:30-11:00 Impact of alien plants on native insect communities. *Doug Tallamy*

11:00-11:30 Ecological consequences of exotic earthworm invasions: Forest decline syndrome. *Cindy Hale*

11:30-12:00 Reproductive success of chestnut-collared longspur in native and exotic grassland. *John Lloyd*

Workshop: Invasive Exotics Management and Control: Tools and Techniques

Facilitators Steve Manning and Lee Patrick

10:30-12:00

Session: Invasive Exotics EDRR and Prevention

Moderator Les Mehrhoff

1:30-2:00 Learning by doing: Maryland's EDRR effort for wavyleaf basketgrass. *Kerrie Kyde*

2:00-2:30 Predicting invasion patterns of two exotic invaders in a forest ecosystem. *Nitesh Tripathi*

2:30-3:00 New invaders watch program; an early detection and rapid response network. *Debbie Maurer*

Session: Invasive Exotics Impacts

Moderator Doug Tallamy

1:30-2:00 Exotic invasive knotweeds (*Fallopia* spp.) negatively affect native plant and invertebrate assemblages in European riparian habitats. *Esther Gerber*

2:00-2:30 Seeding effectiveness and natural regeneration of Mojave Desert plant communities after 2005 wildland fires. *E. Cayenne Engel*

2:30-3:00 Red-imported fire ants (*Solenopsis invicta*) as an agent of pedoturbation in saline barrens of southern Arkansas. *Michael Warriner*

Session: Invasive Exotics Management and Control: Biology

Moderator Lee Patrick

- 1:30-2:00 Prospects for the classical biological control of the environmental weed *Alliaria petiolata* (garlic mustard). **Harriet Hinz**
- 2:00-2:30 Towards the biological control of Japanese knotweed in North America. **Richard Shaw**
- 2:30-3:00 Understanding the biology of Japanese honeysuckle assists in developing effective control programs. **Katherine Larson**

Session: Invasive Exotics EDRR and Prevention

Moderator

- 3:30-4:00 Occupation, spread, impacts, and mitigation of Chinese tallowtree in the southern United States
Jianbang Gan
- 4:00-4:30 Invasive plant responses to silvicultural practices. **David Moorhead**
- 4:30-5:00 Python patrol: Involving non-traditional partners in early detection and rapid response. **Alison Higgins**

Session: Invasive Exotics Impacts

Moderator Faith Campbell

- 3:30-4:00 Response of native and invasive plants to removal of *Lonicera maackii* in a successional forest.
Troy Evans
- 4:00-4:30 The importance of who you are: How native and introduced plants structure aquatic and forest communities. **Bernd Blossey**
- 4:30-5:00 Impacts and control of the invasive species red bartsia (*Odontites verna*) in tall grass prairie remnants in Manitoba. **Brad Kennedy**

Session Invasive Exotics Management and Control

Moderator Tony Pernas

- 3:30-4:00 Analysis of exotic control efforts for shoebutton ardisia (*Ardisia elliptica*) infested sites in the South
Dade Wetlands Management Area. **Gwen Burzycki**
- 4:00-4:30 The largest weed digital aerial sketch mapping project in the universe: Unless you can prove us wrong! **Tony Pernas**
- 4:30-5:00 Incorporating fire into an integrated pest management plan for *Lygodium japonicum* (Japanese climbing fern). **E. Corrie Peterson**

Forum: NAEPPC Forum: EPPCs Across the Country: Accomplishments and Potential

Facilitator Doug Johnson

- 3:30-5:00 Jil Swearingen, Damon Waitt, Amy Ferriter, Kate Howe and Tony Pernas