

# 2015 MIPN Invasive Plant Symposium

INDIANAPOLIS IN DECEMBER 9-10 2015

WITHIN THE 2015 NCWSS ANNUAL MEETING

## WEDNESDAY, DECEMBER 9

- 8:30-10:00** REGISTRATION
- 10:00-12:00** Plenary Session (Moderator: Mark Renz)
- 10:00-10:30** Welcome by NCWSS, MIPN, AND Indiana Invasive Species Council
- 10:30-11:15** *Managing co-invaded forest ecosystems: lessons from research on co-occurring invasive plants*, Presented by Sara Kuebbing (Postdoctoral Fellow, Yale University)
- 11:15-Noon** *Patterns and drivers of forest plant invasions revealed from FIA data*, Presented by Basil Iannone (Postdoctoral Research Associate, Purdue University)
- Noon-1:00** LUNCH (ON YOUR OWN)
- 1:00-3:00** CONCURRENT SESSIONS **A or B**
- 3:00-3:30** BREAK
- 3:30-5:00** CONCURRENT SESSIONS **C or D**

### A Bush Honeysuckle Control (Moderator Steve Manning)

- 1:00 – 1:30 *Developing a short and long-term management plan for bush honeysuckle management* (Steve Manning, Invasive Plant Control)
- 1:30 – 2:00 *Biology and management of Amur honeysuckle (Lonicera maackii)*. Reid Smeda and S.A. Riley. University of Missouri, Columbia.
- 2:00 – 2:30 *Aerial Control of Bush Honeysuckle: Research and Implementation* (Andrew DiAllesandro, United States Fish and Wildlife Service)
- 2:30 – 2:45 *Rate limitation and efficacy trials for low-volume basal bark treatments of *Celastrus orbiculatus* and *Lonicera maackii* with aminopyralid and triclopyr*. (Karla Gage, Southern Illinois University)
- 2:45 – 3:00 *The Joy of Doing it the Hard Way: Using Mechanical Methods to Control Asian Bush Honeysuckle*. (Jane Morse, TREES Inc.)

### B Prairie restoration (Moderator Roger Becker)

- 1:00 – 1:30 *Functional groups to resist invasion by Canada thistle (*Cirsium arvense*) during prairie establishment* (Roger Becker & L. Klossner, University of Minnesota; M. Haar, National Park Service)
- 1:30 – 2:00 *Impact of Canada Thistle Cover on Plant Community Structure in Early Stage Prairie Restoration* (Mary Halstvedt & Byron Sleugh, Dow AgroSciences; Roger Becker, University of Minnesota; Paul Bockenstedt, Stantec)
- 2:00 – 2:30 *Can aminopyralid be applied in prairie establishment without impacting native forbs?* (Niels Jorgensen\* and Mark Renz, University of Wisconsin-Madison)
- 2:30 – 3:00 *Industry and Natural Area Manager Partnerships for Plant Community Restoration* (Jeff Nelson, Scott Flynn, Byron Sleugh, and Bob Masters, Dow AgroSciences)

### C Invasive Issues in Forests/Woodlands (Moderator Heather Reynolds)

- 3:30 – 4:00 *Prevention and control of invasive plants: Lessons learned from family forest owners in Indiana*. (Zhao Ma and Mysha Clarke, Purdue University)
- 4:00 – 4:30 *Joining Forces to Conserve Urban Woodland: One Model for Campus, Community and Commerce Collaborations* (Heather Reynolds, Indiana University)
- 4:30 – 5:00 *Petition to release *Ceutorhynchus scrobicollis* for biological control of garlic mustard (*Alliaria petiolata*)* (Roger Becker, Jeanie Katovich & M. Marek-Spartz, University of Minnesota; Harriet Hinz & G. Cordat CABI; Laura Van Riper, Minnesota DNR; Dick Reardon, US Forest Service)

### D Using technology (Moderator: Mark Renz)

- 3:30 – 4:00 *Using technology to report invasive species in Indiana via EddMaps and the GLEDN smartphone/tablet app* (Rebekah Wallace, University of Georgia)
- 4:00 – 4:30 *IPC-connect, a resource for invasive species mapping and management in the Midwest* (Steve Manning, Invasive Plant Control)
- 4:30 – 5:00 *Mapping Ecological Restoration Efforts in The Shawnee National Forest Using ESRI's Collector App* (Caleb Grantham and Nick Seaton; Illinois TNC)



## THURSDAY, DECEMBER 10

- 7:00-8:00 Registration
- 8:00-10:00 Plenary session 2: State updates on spread of invasive plants
- 8:00-8:15 Welcome II (RENZ)
- 8:15-8:30 Indiana update (Ellen Jacquart, Indiana TNC)
- 8:30-8:45 Illinois update (Karla Gage, Southern Illinois University)
- 8:45-9:00 Wisconsin update (Mark Renz, University of Wisconsin-Madison)
- 9:00-9:15 Ohio update (Theresa Culley, University of Cincinnati)
- 9:15-10:00 *When good plants go bad; mechanisms and effects of invasion* (Mike Jenkins, Purdue University)
- 10:00-10:30 BREAK
- 10:30 -Noon CONCURRENT SESSIONS **E or F or G**
- Noon-1:00 LUNCH (ON YOUR OWN)
- 1:00-3:00 CONCURRENT SESSIONS **H or I**
- 3:45-4:00 Lakes Country Cluster (Beth Williams)
- 4:00-4:15 Northern Indiana Cooperative Invasive Management (NICIM) (James Pothoff)
- 4:15-4:30 Southern Indiana Cooperative Invasive Management (SICIM) (Elizabeth Anne Mizell)
- 4:30-4:45 Brown County Native Woodlands Project (Ruth Ann Ingraham)
- 4:45-5:00 Indiana Coastal Cooperative Weed Management Area (Susan MiHalo, Indiana TNC)
- 5:00-5:15 Monroe County – Identify and Reduce Invasive Species (Ellen Jacquart, Indiana TNC)

### **E Woody Invasive Species Control** (Moderator: Ron Rathfon)

- 10:30 – 11:00 *Control of Callery Pear in Pastures, Right-of-Ways, and Natural Areas* (Scott Flynn, Dow AgroSciences)
- 11:00 – 11:30 *Prescribed grazing for non-native invasive brush control in a Mid-west hardwood forest* (Ron Rathfon, Purdue University)
- 11:30 – 12:00 *Can the invasive tree *Ailanthus altissima* be tamed with a native *Verticillium fungus*?* (Joanne Rebbeck, Joan Jolliff, & Tim Fox; US Forest Service)

### **F Invasives in urban areas** (Moderator: David Gorden)

- 10:30 – 11:00 *Invasive plants in cities: a historical perspective based on the flora of Indianapolis* (Rebecca Dolan, Butler University)
- 11:00 – 11:30 *How Important are Ornamental Cultivars in Species Invasions?* (Theresa Culley, Ilana Vinnik, & Yulia Vinnik, University of Cincinnati)
- 11:30 – 12:00 *What MIPN is doing to reduce the sale of invasive ornamental plants* (Mark Renz, University of Wisconsin Madison)

### **G Invasive Plant Mgmt in Grasslands** (Moderator: Joe Omielan)

- 10:30 – 10:45 *Use of Imazapyr for Old World Bluestem Control* (Walter Fick, Kansas State University)
- 10:45 – 11:00 *Effect of Mowing Timing on Johnsongrass Herbicide Efficacy* (Joe Omielan & Michael Barrett, University of Kentucky)
- 11:00 – 11:30 *Three Years of Mob Grazing Can Reduce Canada Thistle Populations in Cool Season Grass Pastures* (Mark Renz, University of Wisconsin-Madison)
- 11:30 – 12:00 *Restoring Floral Diversity to Non-Native Grass-Infested Sedge Meadows* (Nathan Simons, Blue Heron Ministries, Inc)

### **H Biotic Interactions with Invasive Species** (Chris May)

- 1:00 – 1:30 *Effects of overabundant deer in the lower Midwest on native biodiversity and interactions with invasive species* (Keith Clay, Indiana University)
- 1:30 – 2:00 *Underplanting response to deer herbivory and Amur honeysuckle invasion in mixed hardwood forests* (Charlotte Freeman, Mike Jenkins, & Douglass Jacobs; Purdue University).
- 2:00 – 2:30 *The cascading effects of invasive alien plants on the structure of below-ground food webs in woodland ecosystems* (Matthew McCary, José-Cristian Martinez & David H. Wise, University of Illinois at Chicago; Lauren Umek, Northwestern University; and Liam Heneghan, DePaul University)
- 2:30 – 3:00 *Do soil communities differ between native and invasive dune grasses on Great Lakes sand dunes?* (Matthew Reid & Sarah Emery, University of Louisville)

### **I Herbaceous Invasive Plants** (Moderator: Tony Summers)

- 1:00 – 1:30 *Purple loosestrife control with herbicides: 10 years of applications* (Stevan Knezevic and Jon Scott, University of Nebraska)
- 1:30 – 2:00 *Purple loosestrife biological control in Indiana. Nineteen years of success and limitations* (Richard Dunbar, Indiana Department of Natural Resources)
- 2:00 – 2:30 *From Lab to Landscape: What Factors Affect Japanese Knotweed Control* (Tony Summers & Mark Renz, University of Wisconsin Madison)
- 2:30 – 3:00 *Achyranthes japonica: A growing threat* (Travis Neal, Lauren Schwartz, & David Gibson, Southern Illinois University)