

Indiana Invasive Species Council Public Meeting

AGENDA

Tuesday, December 17, 2019 from 10:00 AM to 3:00 PM
Efroymson Conservation Center
620 East Ohio Street, Indianapolis, IN 46202

10:00 AM

1. Welcome, roll call and introductions: – IISC chairperson Heather Reynolds

Council members present:

Heather Reynolds, Professor of Biology at Indiana University, hreynol@indiana.edu (IISC chair)

Steve Yaninek, Professor of Entomology, Entomology for Purdue University, yaninek@purdue.edu

Rick Haggard, Indiana Nursery and Landscape Association, haggard.rick@att.net

Michael Warner, Certified Forester at ArborTerra, mwarner@arboterra.com

Linda Broadfoot, Director - Indianapolis Parks and Recreation, linda.broadfoot@indy.gov

Kristopher Krouse, Executive Director for Shirley Heinze Land Trust, kkrouse@heinzetrust.org

Eric Fischer, Representing Indiana Department of Natural Resources' Division of Fish and Wildlife, efischer@dnr.in.gov

Kelli Werling, Representing Indiana State Board of Animal Health, kwerling@boah.in.gov

Matthew Kraushar, Representing Indiana Department of Transportation, mkraushar@indot.in.gov

Megan Abraham, Representing Department of Natural Resources' Division of Entomology and Plant Pathology, MAbraham@dnr.IN.gov

Council members not present:

Jeff Cummins, Indiana State Department of Agriculture, jecummins@isda.in.gov

Other attendees:

Abigail Sullivan, Indiana University, abisulli@iu.edu

Ranjan Muthukrishnan, Indiana University, mrunj@iu.edu

Elizabeth Barnes, Purdue University, barne175@purdue.edu

Elizabeth Middleton, DNR Division of Fish and Wildlife, Public Engagement Unit, emiddleton@dnr.in.gov

Ellen Jacquart, IPAC Member, ellenjacquart@gmail.com

Doug Keller, DNR Division of Fish and Wildlife, dkeller@dnr.in.gov

Kate Sanders, Indiana State Department of Agriculture, kasanders1@isda.in.gov

Dawn Slack, The Nature Conservancy, dawn.slack@tnc.org

Philip Marshall, Indiana DNR, PMarshall@dnr.IN.gov

2. Adopt agenda. Approve July 23, 2019 minutes. No amendments from the floor.
3. Old business:
 - o Terrestrial Plant Rule Implementation Updates
 - Reed Canary Grass Acres Infested & Control Costs (Dawn Slack). Tabled until next meeting.
 - Public Outreach
 - Field Guide Status (Dawn Slack). The project is on schedule. Currently looking into funding sources. Kris Krouse, Ellen Jacquart, and Dawn Slack will offer assistance looking into funding sources.
 - IPAC & Purdue Extension Outreach (Dawn Slack, Elizabeth Barnes)
 - o DNR Invasive Species Website Inconsistencies - Status (Megan Abraham)
 - o Update of Purdue Noxious Weed Bulletin by Purdue CES ISWG (Steve Yaninek). Steve Meyer

will work on an update. Keep on the agenda until summer.

4. New business:

- Abigail Sullivan and Ranjan Muthukrishman presented their research to the council [*add institution and presentation topic*].
- Emerging Invasive Species Issues
 - Plant Pests (Megan Abraham). No sign of sudden oak death in Indiana yet but monitoring continues. There continues to be movement towards removing the USDA quarantine for emerald ash borer so that the focus can shift to emerald ash borer parasitoids. Phil Marshall continues to help coordinate collection of lingering ash seeds. Contact him with any reports of untreated live ash in areas where emerald ash borer has killed the surrounding ash trees.
 - Aquatic (Eric Fischer). Hydrilla eradication in parts of Indiana is finished. A new infestation has been found north of Chicago near a river. They have also found Brazilian Elodea and nonnative lilies.
 - Animal Diseases (Kelli Werling). 16 horses and 1 human with EEE reported in Elkhart and LaGrange counties. Vesicular stomatitis has been reported in horses in 9-10 western states but not in Indiana. Tilapia lake virus has also been found out west but not in Indiana. 64 feral hog have been killed in Indiana and about 200 are thought to be left. Indiana is negative for chronic wasting disease at the time of the meeting. Kelli Werling will investigate potential EEE vaccine recommendations including why and how rabies vaccines became required.
- Invasive Plants Advisory Committee (Dawn Slack)
 - Invasive Plant Species Assessments & Recommendations for the TPR. Currently working on plants with medium to low ratings. Many of those that are listed as lower are there because of a lack of information. The website will be updated when the new listed is completed. Many of the updates were possible because of reports on EDDMaps.
 - Linda Broadfoot moved to add the recommendations to the IISC website. Michael Warner seconded the motion. There was a unanimous vote to adopt.
 - Rick Haggard requested that the first paragraph of the IPAC webpage concerning the official invasive plant list be reviewed and possibly revised. IPAC will bring new language to the next meeting regarding cultivars.
 - IPAC and trade representatives will meet with Megan Abraham to discuss how new highly invasive species are assessed for invasive species rules.
 - Megan Abraham will begin assessment of the new highly invasive plants this summer.
 - CISMA Networking Activity w/ DNR Nature Preserves & County Weed Boards (Matt Kraushar). Matt Kraushar will work to ensure that weed boards have a presence at the next invasive species conference.
 - Dawn will continue working with John K. to bring an initial CISMA funding proposal to the IIC.
 - Indiana Invasives Initiative (III) and Cooperative Invasive Species Management Areas (CISMAs) Update
 - They have greatly expanded.
 - Many success stories. The Weed Wrangles seem to be particularly effective.
 - SICIM has not raised enough yet to finish out agreement with the National Resource Conservation Services (NRCS).
 - State Agency/Other Annual Reports w/ Shareable Info on Invasive Sp. (w/ Steve Yaninek)
- Updates from Working Groups & Ad Hoc Committees
 - Networking conversations for Feb IISC meeting (All, see Appendix II)
 - IISC 2020 Biennial Conference Agenda (Dawn Slack)
 - The CISMA conference will be held March 26th. Need help finding sponsorship.
 - Communications & Website (Dawn Slack)
 - “Donate to IISC” button (Heather Reynolds, Steve Yaninek)
 - See further notes above.

- IISC Biennial Report (Heather Reynolds). The report is in progress. She needs help finding photographs. Several members volunteered to help with the report: Linda Broadfoot, Elizabeth Barnes to help with photos, Michael Warner will help draft. Aim for completion the 15th of January with the 31st of January as backup goal.
 - Changes to council membership:
 - Need for a new chair of the council. Michael Warner put himself forward for position as chairperson. Kristopher Krouse made a motion to nominate Michael Warner for chairperson. Matthew Kraushar seconded the motion.
 - Kristopher Krouse will be stepping down from his position. Heather Reynolds write a request for a new board member to take his place. Kristopher Krouse will share his list of suggestions with Heather Reynolds.
5. Query from Kristen Ross of Delaware Marketing Group re: IISC Interest in Acquiring Updated Attendees Email Database from the GIE+EXPO 2019 (The Green Industry & Equipment Expo)
 6. Updates or announcements from the Council and public
 7. Next meeting date: February 18th 2020, May 19th, July 21st, and November 10th
 8. Next steps/action items
 - Keep the update of Purdue noxious weed bulletin for the spring and summer agenda.
 - Michael Warner nominated and elected as council chair.
 - Heather Reynolds will write a letter to follow up a request for a new board member to take Kristopher Krouse's position.
 - Kelli Werling will investigate potential EEE vaccine recommendations including why rabies was first made a requirement.
 - The IISC website will be updated with new invasive species assessments once they are finished.
 - A new column will be added to the website with the previous assessments and a list will be added with information about who is on IPAC.
 - IPAC will bring language about cultivars for the website to the next meeting.
 - IPAC and trade representatives will meet with Megan Abraham to discuss the assessment of newly highly invasive species.
 - Megan Abraham will begin assessments of the newly highly invasive species this summer.
 - Matthew Kraushar will make sure that county weed boards have a presence at the next conference.
 - Dawn Slack will continue to work with John K. to bring initial CISMA funding proposals to the IISC.
 - The DNR review will be bolded on the website update.
 - Add reed canary grass to the next agenda.
 - Add the DNR website update to the next agenda.
 - Work will continue on the report and an update will be given at the next meeting.

3:00 PM – Adjourn

Appendix II – Networking conversations w/ IISC

2018

- Jan 2018: USDA APHIS PPQ – Nick Johnson
- May 2018: DNR Community and Urban Forestry – Carrie Tauscher
- July 2018: Dr. Mo Zhou – Purdue University
- Nov 2018:
 - Dr. Abigail Sullivan – IU Environmental Resilience Institute
 - Ray Chattin – SICIM

2019

- Feb 2019: DNR Nature Preserves – Tom Swinford
- May 2019:
 - County Weed Boards – Steve Berg, Ken Eck
 - Brenda Howard – Indy Parks
- July 2019: USDA-NRCS – Brianne Lowe
- December 2019: TBD

Prospective speakers:

- Master Gardeners – John Orick, Purdue Horticulture and Landscape Architecture department
 - Sent report in July 2019
- Indiana Hardwood Lumberman’s Association – Ray Moistner
- US Customs & Border Protection – branch concerned with Ag pest and diseases
- SWCD – statewide leadership
- Land trusts
- US Fish & Wildlife – bat biologist
- Crane Naval Installation – Brady Miller with Department of Defense
- Private forestry and land managers
- Indiana Forestry and Woodland Owners Association – Liz Jackson
- RC&D – Rural Conservation and Development – Don Carlson
- Quail Forever – Biologist

Appendix III – IISC Planner for 2019

| DUTIES | Key Action Items for 2019 | Working Group/Person |
|---|---|---|
| [Sec.4. (1)] Recommend priorities for projects, funding, rules and laws concerning invasive species to the appropriate governmental agencies and legislative committees | Establish summer study task force for CISMA long-term funding issue | Jeff Cummings |
| [Sec.4. (2)] Recommend a lead state agency to develop an invasive species inventory for each invasive species taxon (plants, insects and plant diseases, aquatics, animal diseases), and develop and maintain a data management system for invasive species in Indiana. | Discussion point: this item is covered by the invasive species lists developed by DNR and IPAC, and by the EddMaps initiative Clearinghouse initiative for invasive species annual reporting | Steve Yaninek, Dawn Slack |
| [Sec.4. (3)] Communicate with other states, federal agencies, and state and regional organizations to enhance consistency and effectiveness in preventing the spread of, early detection of, response to, and management of invasive species. | February: Tom Swinford, DNR Nature Preserves | Megan Abraham |
| | May: County Weed Management Board | Matt Kraushar |
| | July: USDA-NRCS | Matt Kraushar |
| | Dec: XXXX | YYYY |
| [Sec.4. (4)] Coordinate invasive species education and outreach activities. | Terrestrial Plant Rule Ed Campaign - Grower/Seller - General Public | Megan Abraham Dawn Slack, Ellen Jacquart |
| | Indiana Invasive Species Awareness Week -Press Release | Steve Yaninek & Liz Barnes |
| | Indiana Green Expo Invasive Species Panel | Megan Abraham, Steve Yaninek |
| | Great Lakes Parks Training Institute | Megan Abraham |

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| | <p>Letters to grower/sellers & to Survivor Tree Program</p> <p>Right-of-Way Managers</p> <p>Invasive Species Training</p> | <p>Heather Reynolds, Liz Barnes, Dawn Slack</p> <p>Matt Kraushar</p> |
| [Sec.4. (5)] Convene or support an invasive species meeting at least once per biennium to provide information on best practices and pertinent research findings. | <ul style="list-style-type: none"> • 2019 is off year • Planning for 2020 | <p>Biennial Conference Ad Hoc Committee</p> |
| [Sec.4. (6)] Assist governmental agencies in reviewing current invasive species policies and procedures, and addressing any deficiencies or inconsistencies in such policies and procedures. | <p>July Meeting: Develop digest of agency Invasive species action plans for IISG website</p> | |
| [Sec.4. (7)] Assist state agencies in reviewing the agencies' performance measures for accountability concerning the agencies' invasive species actions. | <p>Agencies do not have invasive species-specific performance metrics...agency metrics are gauged by permits...metrics are dictated by governor's office...interest in this as a way to credit agencies for their work? Concern that metrics and activities are too variable and not under control of agency rep.</p> | <p>Continue conversation – how do we help state agencies get better funding for the invasive species work that they do?</p> |
| [Sec.4. (8)] Receive reports from any governmental agency regarding actions taken on recommendations of the council. | <p>Ongoing: Terrestrial Plant Rule, website inconsistencies re: invasive species reporting, INDOT Standard Specifications in progress</p> | <p>Megan Abraham</p> <p>Matt Kraushar</p> |
| [Sec.4. (9)] Apply for grants. | <ul style="list-style-type: none"> • Feb meeting: Ad hoc working group for funding presents priorities and recommendations for CISMA funding as guide for legislative summer study commission | <p>Jeff Cummings Steve Yaninek Rick Haggard</p> |
| [Sec.4. (10)] Provide grants for education about or management of invasive species. | <p>July Meeting: Receive reports from IISG ad hoc group on funding priorities</p> | <p>Steve Yaninek</p> |