State and Regional Invasive Species Workshop
Tuesday, March 1, 2011

Agenda

GOALS AND OBJECTIVES
- Provide opportunity for state and federal officials, industry, NGOs and academics to discuss how to overcome barriers to cooperation in preventing and controlling invasive species.
- Explore ways to enhance state and regional coordination through communication, partnerships, sharing expertise and resources and setting state and regional priorities.
- Share success stories and best practices about invasive species projects and programs so that those models can be replicated across broader areas.

7:30-8:00 Registration

PLENARY 8:00 am – 12:00 pm
8:00-9:00 Introductions and Overview of State Activities
9:00-10:30 Federal Update on Aquatic Invasive Species Issues
  - Margaret M. (Peg) Brady (NOAA): Moderator
  - Cdr. Gary Croot (US Coast Guard): Ballast Water
  - Robin Danesi (EPA): Vessel General Permit
  - Susan Mangin (Fish and Wildlife Service): Aquatic Nuisance Species Task Force
  - James Morris (NOAA): Lionfish
10:30-10:45 BREAK
11:00-12:00 Federal Update on Terrestrial Invasive Species Issues
  - Bryan Arroyo, Assistant Director for Fisheries and Habitat Conservation (USFWS)
  - David Kaplan, Assistant Deputy Administrator for Plant Protection and Quarantine, Emergency and Domestic Programs (USDA)
12:00 – 1:00 pm LUNCH
Keynote Speaker
John Goss, Asian Carp Director, Council on Environmental Quality

1 * A working lunch buffet and one coffee break will be provided for registered participants.
For more information contact, Stas Burgiel, National Invasive Species Council (stas_burgiel@ios.doi.gov)
SESSION I
1:15 – 2:45 pm

Panel #1: Elements of Effective State and Regional Coordination
Panel #2: Regional and State Early Detection Networks
Panel #3: Aquatic Nuisance Species: Federal and State Roles, Responsibilities and Gaps

BREAK 2:45 – 3:00 pm

SESSION II
3:00 – 4:30 pm

Panel #4: Strengthening Grassroots Partnerships - CISMA/PRISM/CWMA - What are our next steps?
Panel #5: Federal Invasive Species Grant Program and Partnership Forecasts for State and Regional Invasive Species Projects
Panel #6: Hazard Analysis and Critical Control Point (HACCP) Planning: Invasive Species Applications
Panel #7: Intergovernmental Strategy for Controlling Asian Carp

PLENARY
4:30 – 5:30 pm

4:30 – 5:00: Reports on Panel Discussions
5:00 – 5:30: Discussion Topic: Would a Communications Network among State Councils and Other Coordinating Bodies Be Useful?

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Panel Session Descriptions

Panel 1: Elements of Effective State and Regional Coordination and Case Studies—Lessons Learned and Recommendations

This session will focus on how state invasive species coordinating bodies came into existence and how they function—within each state and regionally, funding and other mechanisms in place and needed to sustain group initiatives, authorities that exist to implement initiatives, and communication issues that challenge group efficacy. The session will include five panelists, who will provide case studies of state and regional invasive species initiatives. The case studies will address group functionality as well as lessons learned and recommendations to enhance sustainability and institutionalize councils locally and regionally. At the conclusion of the case study presentations, there will be a 45-minute question and answer session that will give attendees an opportunity to formulate recommendations to improve state and regional coordination in the future.

Moderators: Lisa DeBruyckere (Oregon), Janet Clark (ISAC), Susan Ellis (California), Ann Gibbs (Maine)

History – How did we get to where we are today? 5 minutes

- Key issue: What is needed to make state and regional coordinating bodies more effective and better able to network?
- Sources of resources and support, How state and regional coordinating bodies can create efficiencies and streamline coordination, Organization and membership (pros and cons of different org. structures), Scope of authority and role, Planning – are state or regional plans being implemented? Communication issues

Case Studies: Addressing invasive species problems through regional collaboration—How do these examples address the issues listed above? 10 minute case studies

- Asian Long-horned Beetle in the northeast (Ann Gibbs—Maine)
- Great Lakes invasive species efforts (Katherine Glassner-Shwayder with Great Lakes Commission—(States of MI, WI, IL, FWS, EPA)
- ANSTF Western Regional Panel (Quagga and zebra mussels—Susan Ellis, California Department of Fish and Game)
- Tri-state firewood outreach campaign (Lisa DeBruyckere—Oregon Invasive Species Council)
- The California Invasive Species Council (Doug Johnson—Cal-IPC)

Questions each case study will address:

- How are groups organized, and is it working? (e.g., What authorities exist (organizational)? What is effective and what is not within the structure of the coordinating body?)
- Excluding additional funding, what do you need to sustain your state and regional coordinating bodies?
- If you had your project/case study to do over, what would you do differently? What made your project successful?

Discussion (45 minutes): After listening to the case studies and incorporating your expertise and individual experiences, what recommendations can session attendees make to improve state and regional coordination in the future? Facilitator – Lisa DeBruyckere (Oregon)
Panel 2: Regional and State Early Detection Networks

This session will be a roundtable/panel discussion focused on building and maintaining early detection networks. The focus will be on the people side of these networks instead of the technology and databases that support them. Representatives from the Invasive Plant Atlas of New England, Southeast Exotic Pest Plant Council, Florida Invasive Species Partnership, CitSci.org, iMapInvasives, EDDMapS, Mid-Atlantic Exotic Pest Plant Council, Potomac Highlands CWPPMA will be the core panelists but anyone interested is welcome to participate. From this Roundtable discussion, we hope to form a National Early Detection Network Working Group and a report of the results.

Moderator: Chuck Bargeron (University of Georgia)
Organizers: Chuck Bargeron, Alycia Crall

Panel 3: Aquatic Nuisance Species: Federal and State Roles, Responsibilities and Gaps

The growing awareness of the magnitude of the invasive species problem, particularly with aquatic invasive species, has many natural resource agencies at the State and Federal levels realizing that they are severely challenged to respond effectively to prevent the establishment and spread of these invaders. In addition to the inability to keep pace with the rapid increase in the spread of invasive species invasions, and their respective impacts, numerous jurisdictional and legal complexities arise when multiple stakeholders attempt to address an infestation in the same geographic area. Multiple stakeholders with overlapping roles, jurisdictional authorities, responsibilities, and capabilities have added to the complexity of the invasive species problem. Ambiguity about roles and responsibilities where local, State, Tribal, and Federal entities each have some responsibility for funding and implementing prevention and control activities can mean none of these entities take appropriate or coordinated action. In these cases, jurisdictional conflicts at the State or Federal levels have prevented rapid response to eradicate new invasions of high-risk invasive species. Identifying these gaps in regulatory and management authority can help us to address them for maximum effectiveness against invasive species.

The invasive species problem is a resource management issue, and much of the responsibility to address species invasions, on government or other lands, resides with governmental resource management agencies. Although it has been difficult to ensure effective coordination and cooperation in some regions of the country, there are several situations where State and Federal governments have successfully collaborated to prevent, control, or mitigate the impacts of invasive species, including aquatic invasive species.

AFWA has led the development of a draft white paper with input from several federal and other agencies entitled “Management of Aquatic Nuisance Species (ANS): Federal and State Government Roles, Responsibilities, and Authorities.” The purpose of the white paper is to highlight, and overcome the complexity and ambiguity (and define the expectations) related to the roles and responsibilities of natural resource management agencies to prevent and control the spread of aquatic invasive species.

This session will provide an overview of the intended purpose and goals of the AFWA white paper, the participants will review and discuss existing Federal and State authorities, regulations, and other legislative direction, as well as gaps or additional needs related to such authorities, and examples of case studies will be presented to highlight successes in collaboration. This session will provide an interactive opportunity for group discussion of invasive species roles, responsibilities, and jurisdiction and to obtain group input and comments on the ANS White Paper.

Moderators: Laura Norcutt (US Fish and Wildlife Service), Stas Burgiel (National Invasive Species Council)
Currently, there are 323 “Cooperative Weed Management Areas (CWMAs)” in the United States (http://www.invasiveplantcenters.org/cwmamap.cfm). CWMAs may have different names in different parts of the country - for example, Partnerships for Regional Invasive Species Management (PRISMs) in New York or Cooperative Invasive Species Management Areas (CISMAs) in Florida; however they all serve the same purpose: to bring together an alliance of stakeholders, private and public, to address invasive species management in geographic regions. By partnering, these organizations are able to expand efforts across the landscape, rather than stopping at political or property boundaries, to address prevention, education/awareness, early detection and rapid response, monitoring and control of invasive non-native species.

During this session, representatives from CWMAs from Florida, New York, Nevada and the Midwest will come together to discuss some of the successes and challenges they are facing in their regions. This session will be opened via the Webinar to leaders of CWMAs throughout the United States. Our intent is to enhance the network and capabilities of these grassroots partnership efforts by discussing our successes and challenges. Our goals during this session are:

(1) Identify strengths and weaknesses of each organizational model, from the ground up (i.e. from the organization of the CWMA itself, up to statewide or regional efforts to tie the CWMAs together)
(2) Identify ideas and actions to retool current efforts to be more effective
(3) Link and support each other’s efforts, across the Nation

Organizers: Kathy O’Reilly-Doyle (US Fish and Wildlife Service); Kris Serbesoff-King (The Nature Conservancy)
**Panel #5: Federal Invasive Species Grant Program and Partnership Forecasts for State and Regional Invasive Species Projects**

The success of state and regional invasive species projects has been the result of working partnerships between federal agencies and local groups. Sustaining resources and investing strategically in these partnerships is important to keep from losing ground in the effort to prevent the spread of invasive species. Representatives from federal funding agencies who support state and regional invasive species programs through grants and cooperative agreements will describe current funding program status and the future priorities for their programs. Invited agencies include USDA US Forest Service, USDA APHIS, USDA NRCS, EPA, DOI, DOI-USFWS-ANSTF, DOD Army Corps of Engineers, and NOAA. After the presentations on the funding programs and priorities, a discussion with the state representatives will focus on the resources needed to effectively manage integrated, successful invasive species programs. State representatives are encouraged bring questions and to describe their programmatic needs for the panel members and provide constructive feedback on the successes and limitations of the major federal funding sources for invasive species partnerships.

**Organizers:** Mindy Wilkinson (Wisconsin Department of Natural Resources), Tom McMahon (Arizona Game and Fisheries Department)

**Panelists:**
- Robert Mangold (USDA Forest Service – Director, Forest Health Protection)
- Matthew Royer (USDA APHIS – Director, CAPS & Pest Detection)
- Doug Holy (USDA NRCS – National Invasive Species Specialist)
- John Darling (EPA – National Exposure Research Laboratory)
- Gordon Brown (DOI Invasive Species Coordinator and Liaison to NISC)
- Susan Mangin (DOI Fish and Wildlife Service, ANSTF)
- Department of Defense, Army Corps of Engineers (*invited*)
- National Oceanographic and Atmospheric Administration (*invited*)
Panel #6: Hazard Analysis and Critical Control Point (HACCP) Planning: Invasive Species Applications

Planning is nothing new for biologists and managers, but applying Hazard Analysis and Critical Control Point (HACCP) planning to natural resource work is a relatively new concept. Without appropriate planning, the management work that takes biologists, technicians, and their equipment to many different habitats could be pathways for species spread. It is our responsibility as resource professionals to strive to do no harm by understanding invasive species pathways and developing plans to prevent future spread.

HACCP is a tool that manages the risk of moving non-target or invasive species during natural resource management activities. This tool identifies high-risk activities and focuses attention on those actions needed to close open pathways. Plans documenting risks, as well as methods used to remove non-target species, give managers the opportunity to weigh risks for species spread against benefits from natural resource actions. HACCP plans also create a reference source documenting best management practices and procedures that can be shared with other offices, agencies, and the private sector to reduce risks of species spread through pathways with similar characteristics.

The HACCP planning process is a five step tool used to reduce the risk of spreading invasive species and other non-targets in human related pathways. The steps involve recognition of non-target species, risk management and assessment of potential pathways, identification of critical points in a given activity whereby the risk of a hazard (hazard = non-target or invasive species movement) can be reduced to an acceptable level, and development and evaluation of control measures to reduce the risk of a hazard. This session will provide a brief description of the steps necessary to develop and implement a HACCP plan. It will also provide examples of projects where HACCP has been utilized, emphasizing the benefit of this tool to state and federal agencies as well as other organizations involved in natural resource management.

*Moderator: Susan Pasko (National Oceanographic and Atmospheric Administration)*

Panel #7: Intergovernmental Strategy for Controlling Asian Carp

*Description forthcoming*