AOUATIC INVASIVE SPECIES IN THE MID-ATLANTIC REGION • VECTOR MANAGEMENT: A PREVENTION SOLUTION



December 2, 2009 · Admiral Fell Inn, Baltimore, Maryland

WORKSHOP AGENDA



The workshop goal is to develop a 5-point framework for priority action and the key steps towards effective implementation for aquatic invasive species vector management in the mid-Atlantic region. A Maryland Sea Grant publication will highlight workshop findings and detail the action framework. The publication will be targeted for the Mid-Atlantic Panel on Aquatic Nuisance Species and the states and District of Columbia that it represents, the regional Chesapeake Bay program and the national Aquatic Nuisance Species Task Force.

Registration and Continental Breakfast – *Admiral Ballroom*, 5th Floor 7:30 a.m. – 8:15 a.m.

Opening Remarks

- 8:15 Mid-Atlantic Panel on Aquatic Invasive Species Jonathan McKnight, Chair Maryland Sea Grant Fredrika Moser, Ph.D.
- 8:30 Mr. John Vasina, Maryland Port Administration

Keynote Address

9:00 Vector Heterogeneity, Integrated Vector Management (IVM) and the Vector Early Warning System (VEWS) – James Carlton, Ph.D., Williams College

Defining the Vectors — State of Knowledge – Fredrika Moser, PhD., moderator

- 9:30 Commercial Shipping and Invasion Opportunity in North America Whitman Miller, Ph.D., Smithsonian Environmental Research Center
- 9:45 International and National Ballast Water Management Rich Everett, Ph.D., U.S. Coast Guard and Robin Danesi, U. S. Environmental Protection Agency
- 10:05 From Paper to Policy Implementing California's Marine Invasive Species Act Maurya Falkner, California State Lands Commission
- 10:20 Implementing Ballast Water Regulations: Treatment Systems and Enforcement Mario Tamburri, Ph.D., Chesapeake Biological Laboratory

10:35 - 10:50 Coffee Break

Vector Management - State of Knowledge - Jonathan McKnight, MD DNR, moderator

- 10:50 Hull Fouling as a Vector of Marine Nonindigenous Species Ian Davidson, Ph.D., Portland State University
- 11:10 Invaders for Sale: The Potential for New Invasions via Live Organisms in Aquarium, Aquascape, Seafood, Aquaculture and Bait Trades Edwin Grosholz, Ph.D., University of California, Davis
- 11:40 Wildlife Importation: Broken Screens The Regulation of Live Animal Imports into the United States Peter Jenkins, Defenders of Wildlife

12:00 – 1:15 Lunch – Idea Incubator – Stone Room, Admiral Fell Inn

Vector Management – Priorities for Actions

Working Groups:



1:15 Panel Presentations: Facilitator – Greg Ruiz, Ph.D., Smithsonian Environmental Research Center

Five-minute presentations with time for questions and discussion

Live Trade in the Mid-Atlantic Area: A View from the NAS Database – Pam Fuller, Ph.D., U.S. Geological Survey, FL

Overview of State Invasive Species Policy Tools - Read Porter, JD, Environmental Law Institute, DC

Changing Human Behavior to Reduce AIS Transport Risk – Robert Wiltshire, Center for Aquatic Nuisance Species, MT

- 2:00 Working Group Ship Fouling Vector Facilitators Greg Ruiz and Ian Davidson
- 2:00 Working Group Live Trade Vectors Facilitators Ted Grosholz and Pam Fuller
- 3:30 4:00 Break (Meeting summarizers meet to synthesize "The Way Forward")
- 4:00 4:30 "The Way Forward" Jim Carlton and Working Group Facilitators

Select and summarize 5 priority areas for action and list steps towards implementation. Summarize a 5-point framework for priority action and the steps towards implementation. Group questions and open discussion.

5:00 Closing Remarks and Thanks to Participants – Fredrika Moser