



NAISN
North American Invasive Species Network

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Florida Fish and Wildlife Conservation
Commission

**North American Invasive
Species Network Workshop
March 9-11, 2010
West Palm Beach, Florida**

Regional Centers and Institutes (2010)

Northeast Midwest Institute – **Washington, D.C.**

Center for Invasive Plant Management – **Montana**

National Marine Invasions Center (SERC) - **Maryland**

Center for Aquatic and Invasive Plants - **Florida**

Institute for Biological Invasions – **Tennessee**

National Institute of Invasive Species Science – **Colorado**

Center for Invasive Species and Ecosystem Health – **Georgia**

Invasive Species Research Institute – **Ontario, Canada**

Mexico - CONABIO



NAISN Pre - Workshop Survey Results

Centers/Institutes (7)

- 19 Services/programs
- 18 groups of organisms
- 90 full/part-time employees
- All affiliated with universities
- 4 of the 7 have a global audience

Table 3. The geographical area covered and number of full time and part-time staff along with affiliations at that centers/institutes/labs found in North America that provide services to the invasive species management community and others.

Description	Center for Invasive Species & Ecosystem Health, GA	Center for Invasive Plant Management, MT	Institute for Biological Invasions, TN	Northeast - Midwest Institute Great Ships Initiative, MI	Invasive Species Research Institute Ontario, Canada	UF/IFAS Center for Aquatic and Invasive Plants, FL
Geographical area covered	USA, global	USA, Canada	Global	USA, Canada	Canada	USA, global
Regional area	Southeast USA	Western North America	Central North America	Great Lakes Region		Southeast USA

Table 2. The groups of organisms that centers/institutes/labs provide information on to the North American invasive species management community and others.

Organisms	Center for Invasive Species & Ecosystem Health, GA	Center for Invasive Plant Management, MT	Institute for Biological Invasions, TN	Northeast - Midwest Institute Great Ships Initiative, MI	Invasive Species Research Institute Ontario, Canada	UF/IFAS Center for Aquatic and Invasive Plants, FL
Viruses	x			x		
Bacteria	x			x		

Table 1. The types of services and/or programs that centers/institutes/labs provide, conduct, and/or offer to the North American invasive species management community and others.

Services/Programs	Center for Invasive Species & Ecosystem Health, GA	Center for Invasive Plant Management, MT	Institute for Biological Invasions, TN	Northeast - Midwest Institute Great Ships Initiative, MI	Invasive Species Research Institute Canada	UF/IFAS Center for Aquatic and Invasive Plants, FL
Research info		x		x	x	x
Conduct research		x	x	x	x	x
Assessment	x	x			x	x
Identification	x	x			x	x
Agriculture info	x					x
Education/outreach	x	x	x		x	x
Coordination	x			x		
Early detection	x	x		x		
Rapid response	x	x			x	
Mapping/inventory	x	x			x	x
Control info	x	x		x	x	
Best management	x	x			x	x
CWMA info	x	x				
CSMA info	x	x				x
Restoration	x	x			x	x
Prevention	x	x		x	x	x
News & events	x	x			x	x
Training/courses	x	x			x	x
Newsletters	x	x				x

March Workshop

Overview
Focus Groups
DFC
Goals
Strategies
Action items



Representatives
from Canada, U.S.,
and Mexico attended



- Collaborations**
- 33 faculty in 8 provinces (tenure track and adjuncts)
 - 19 university campuses
 - 6 Fisheries and Oceans Canada labs
 - Funding
 - NSERC - principal funding source (\$5.2 million)
 - Fisheries and Oceans Canada (\$1 million)
 - Transport Canada (\$100K)
 - Ontario Ministry of Natural Resources (200K)
 - Environment Canada (110K)
 - University of Windsor (300K)
 - Aquaculture Industry (PEI) and Shipping Industry
 - Outreach and education: Ontario Federation of Anglers and Hunters and its sister NGOs + museum exhibits in 3 cities

Helicopter Field Trip into the Everglades:



**Hosted by the South Florida Water
Management District**

Scope of the Network:

Canada, Mexico, and the United States – and all of their protectorates

Desired Future Condition Statement:

NAISN - A consortium that uses a coordinated network to advance science-based understanding of, and effective response to, non-native invasive species in North America.



Goals:

- **A transparent organizational structure**
- **Invasive Species Network Hubs act in a coordinated manner**
- **NAISN provides reliable resources and services across North America**
- **NAISN works across political boundaries in North America**
- **NAISN has the resources in place to achieve the DFC**



Committees:

- **Alternative model (NAISN structure) committee**
- **Interim NAISN Organizing Committee**
- **Information Technology Committee**
NASIN and GISIN Subcommittee



Current leadership:

- Dr. Robert Leavitt, **Chair, Interim NAISN Organizing Committee**
- Don C. Schmitz, **NAISN Coordinator**
- Chuck Barger, **Chair, Information & Technology Committee**
- Jim Graham, **Chair, NAISN and GISIN Subcommittee**



Action items:

- **Organize Regional Network Hubs***
- **Survey stakeholders and ID gaps**
- **NAISN 5 year strategic plan**



*** Definition of Invasive Species Network Hub:**

Regionally-based, thematic-based, and/or taxonomically-based focus of coordinated invasive species management activities that address common needs and pool resources in response to invasive species issues.



Future Services and actions:

- **Invasive Species Watch lists**
- **Coordinate and track research**
- **Track invasive species ranges due to climate change**
- **Define the invasive species problem in NA**
- **Connect the databases (GISIN)**
- **Coordinate rapid response**



Website:

<http://www.naisn.org/>



Why is this man not smiling?