

Uninvited Guests: Invasive Species and the Threat to Ecosystems and Economies

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“The Upper North American Policy Context”

Framing Bioinvasion

- * Biodiversity threat
- * Economic threat
- * Trade issue
- * Human security and health
- * Cultural threats
- * Climate change issue
- * National security
- * Global governance

Common Problems

- * Zebra and Quagga mussels
- * Purple loosestrife and Japanese knotweed
- * Mountain Pine beetle
- * Mitten crab (west coast)
- * Climate change as multiplier effect
- * Public awareness remains scattered
- * Funding: eradication and prevention costs

Multi-level governance

- * Vertical vs. Horizontal vs. Adaptive
- * Transgovernmental & binational
- * Transnational policy networks:
expert and social
- * Private sector co-operation and self-regulation

Local action

- * Discovery: the amateur factor
- * Reportage: local-to-national-to global communications challenges and possibilities
- * Monitoring: shared costs
- * Lampricide campaign (cities & Great Lakes Fisheries C.)
- * Minnesota gets serious: boat hull policing
- * Corporate responsibilities: linked long-term interests
- * First Nations/ American Indian communities

United States

Endangered Species Act 1972

Nonindigenous Aquatic Nuisance Prevention and Control Act (NANPCA) of 1990

National Invasive Species Act 1996-2002 (focused on aquatics)

Plant Protection Act 2000

Aquatic Nuisance Species Task Force (FWS and NOAA) and six regional panels

Lacey Act (1990): prohibits certain imports including Asian Carp

Chapter Three of Title 18, including extraterritorial jsdn

National Invasive Species Council

- * Created 1999
- * Secretaries of the Interior, Agriculture, and Commerce.
- * NISC members include the Secretaries of State, Defense, Homeland Security, Treasury, Transportation, Health and Human Services, the U.S. Trade Representative (USTR), as well as the Administrators of the EPA, NASA, and USAID.
- * provides high-level interdepartmental coordination of federal invasive species actions and works with other federal and non-federal groups

Canada

(provincial jurisdiction over most natural resources)

- * Canada National Parks Act; Canada Shipping Act ; Canada Wildlife Act; Canadian Environmental Protection Act; Canadian Environmental Assessment Act; Department of Natural Resources Act; Fisheries Act; Forestry Act; Oceans Act; Pest Control Products Act; Plant Protection Act; Seeds Act; Transportation of Dangerous Goods Act; Wild Animal and Plant Protection and Regulation of International and Interprovincial Trade Act
- * Parks Canada; CFIA; Environment Canada; RCMP;
Agriculture and Agri-Food Canada, Canada Border Services Agency, DFO, NRC, Transport Canada

Canadian Programs

- * *Invasive Alien Species Strategy for Canada 2004* – yet to be reviewed or renewed
- * Canadian Ballast Water Program
- * **IAS Species Partnership: Killed by 2012 budget**
- * **National Roundtable on the Environment and Economy: Killed by 2012 budget**
- * DFO Centre of Expertise for Aquatic Risk Assessment (CEARA)

Binational Institutions

- * International Joint Commission
- * Great Lakes Commission
- * NAFTA: NAAEC-CEC (trilateral)
- * Great Lakes Fisheries Commission (1955; sea lamprey)
- * Border “Joint Action Plan”: little room for invasives; some work on plants and animal diseases (biosafety)

Policy and Advocacy Networks

- * North American Plant Protection Organization
- * Canadian Aquatic Invasive Species Network
- * National Environmental Coalition on Invasive Species
- * International Association for Great Lakes Research
- * Alliance for the Great Lakes; Healing Our Waters-Great Lakes Coalition

Global Governance Efforts

- * Life and death of the Global Invasive Species Program
- * Convention on Biological Diversity (Canada host; U.S. a valuable Observer)
- * International Plant Protection Convention (FAO)
- * WTO (SPS Agreement)
- * World Organization for Animal Health (OIE)
- * International Union for the Conservation of Nature

“I think we need a bigger fence”: Asian Carp

- Washington and Army Corps of Engineers: Asian Carp Control Strategy Framework and Action Plan
 - * Chicago: reversing the flow
 - * Illinois: costs
 - * Michigan & surrounding states (failed Supreme Court bid)
 - * Canada and DFO
 - * IJC, GLFC, GLC, CEC: secondary involvement

For Discussion

- * Transnational networks are key, but have no power.
- * How can we better co-ordinate activities across the border?
- * What is the best way to frame the IAS discussion?
- * Will binational institutions be helpful?
- * How to prioritize species actions plans – who decides?
- * Long-term view: climate change and further conflict.