

Small Groups, Big Results: Community Based Invasive Species Initiatives



Robert Canning

Severn Sound Environmental Association

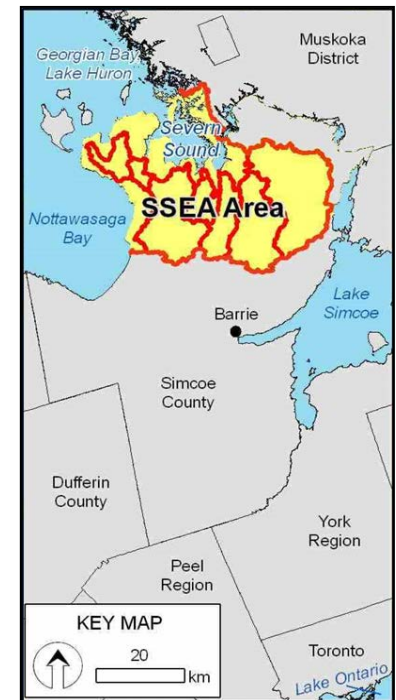


Severn Sound Environmental Association (SSEA)

To sustain and protect the environmental quality of the Severn Sound watershed

Timeline

- 1987- Severn Sound listed as AOC
- 1997- SSEA was founded
- 2003- Severn Sound AOC delisted



SSEA Operations



Invasive Species (IS) Program

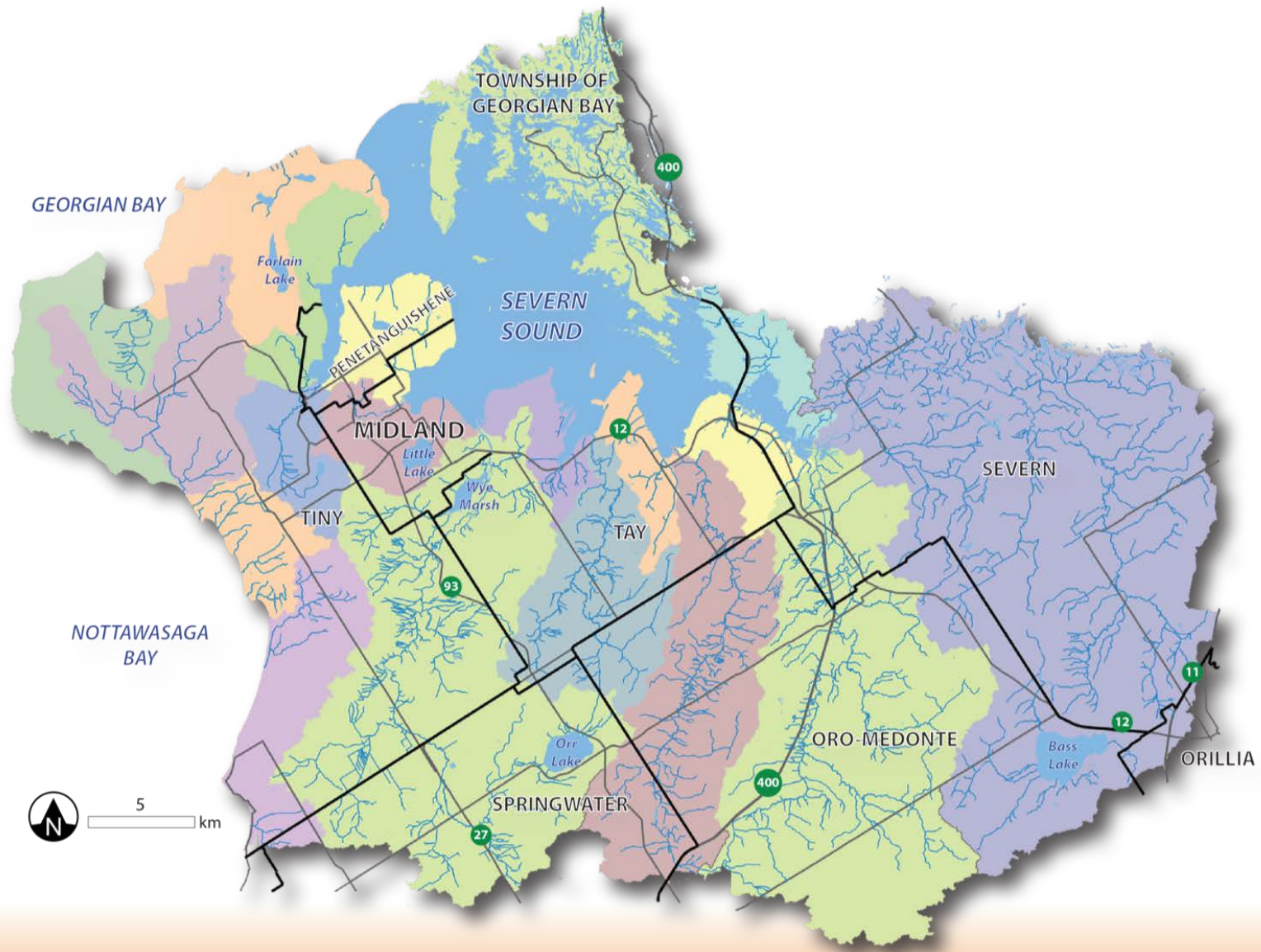
Reduce the ecological, social and economic impacts of invasive species in the Severn Sound watershed

Actions:

- 1) **Prevention**
- 2) **Monitoring**
- 3) **Management**
- 4) **Communication**



Severn Sound Watershed



Severn Sound IS

- **37** invasive species
 - **28** plants
 - Aquatic + terrestrial
- Introduction vectors:
 - 1) Ornamental trade
 - 2) Contaminated equipment
 - 3) Shipping + recreation
 - 4) Natural dispersal



Program Review: Lessons Learned

- 1) Way **MORE** IS
- 2) Way **LESS** resources
- 3) Comprehensive monitoring
- 4) Taking action
- 5) Spreading the word

Knowledge Gaps:

- How to allocate limited resources over a large area?
- How to manage IS across private property boundaries?
- Whose responsibility are IS?



**How can we increase our
ability to reduce the impacts of
IS?**

Engage the community!
(Duh!)

Making Connections

Educate the public, develop partnerships and promote collaboration

- 1) Residents
- 2) Community groups
- 3) Local municipalities
- 4) Schools
- 5) Property associations



Getting The Word Out

- 1) Community events
 - **39** events
- 2) Youth programs
 - **11** opportunities
- 3) Articles
 - **13** IS articles
- 4) Social media



Community Events



Farlain Lake Community Association AGM



Tiny Community BBQ



Canadian Heritage Day



Weed and Algae Seminar

Youth Programs



Discovery Harbour



Cold weather tree planting!

Monitoring Initiatives

- Technical training
- Monitoring
 - Group + independent
- Reporting
 - SSEA + EDDMapS
- Private property data





Management Initiatives

- Management guidance
 - BMP's
- Linking municipalities and residents
- Removal
- Management Results:
 - **15** sites + **167** volunteers
 - Approx. **10, 000** lbs vegetation



Tiffin Pond

- Target species:
Phragmites
- Volunteers: **41**
- Amount removed:
2430 lbs



Coldwater River

- Target species:
Japanese knotweed,
Himalayan balsam
- Volunteers: **12**
- Amount removed:
1140 lbs



Lafontaine Beach

- Target species:
**Spotted
knapweed**
- Volunteers: **70**
- Amount removed:
2060 lbs



Community Project Challenges



Copeland Forest Friends



IS disposal



Garlic mustard

Successful Partnerships

Severn Sound Environmental Association



The Canada-Ontario Agreement
Respecting the Great Lakes Basin
Ecosystem



Accord Canada-Ontario concernant
l'écosystème du bassin
des Grands Lacs



Ministry of the Environment
and Climate Change
Ministry of
Agriculture and Food



Ministry of Natural Resources and Forestry



Environment
Canada

Environnement
Canada



Fisheries and Oceans
Canada

Pêches et Océans
Canada



Chippewas of RAMA
First Nation



Simcoe County
District School Board



GEORGIAN
YOUR COLLEGE · YOUR FUTURE



UNIVERSITY
of GUELPH

Ecole secondaire
Le Caron



University
of Windsor



Since 1918

HURONIA
COMMUNITY
FOUNDATION



LA FONDATION
COMMUNAUTAIRE
DE LA HURONIE

Collège Boréal

COUNTY OF
SIMCOE
For the Greater Good

THE DISTRICT
MUNICIPALITY OF MUSKOKA
Carrying Our Legacy Forward



simcoe
muskoka
DISTRICT HEALTH UNIT



Lake Simcoe Region
conservation authority

DRINKING WATER
SOURCE PROTECTION
ACT FOR CLEAN WATER

South Georgian Bay
Lake Simcoe
Source Protection Region



Green
Communities
CANADA



Ducks Unlimited Canada
Conserving Canada's Wetlands



Yellow Fish Road™
Trout Unlimited Canada



WYE MARSH
WILDLIFE CENTRE
MIDLAND • CANADA



BioTalent™
Canada
Building skills for Canada's bio-economy



NORTH SIMCOE / SIMCOE NORD
Community Futures Development Corporation
Société d'aide au développement des collectivités

SEGBAY.ca
Chamber of Commerce

TD Friends of the
Environment
Foundation



copeland forest friends

FARLAIN LAKE
Community Association

Bass Lake
Ratepayers Association

Orr Lake Ratepayers Association



ONTARIO
INVASIVE PLANT
COUNCIL



Boating
Ontario



SSEA Contact Info

Robert Canning

Invasive Species Program Coordinator

invasivespecies@severnsound.ca

(705) 534-7283 ext. 211



Thank You

A photograph of a beach scene. In the background, a wooden picnic table sits on the sand near the water's edge. To the left, a yellow sign with black text reads "CAUTION COMMUNITY CLEAN-UP IN PROGRESS" and features a small logo with the word "Tiny". The foreground is filled with dry, brown coastal plants and shrubs. The sky is overcast and grey.

Questions?