Parcs Canada

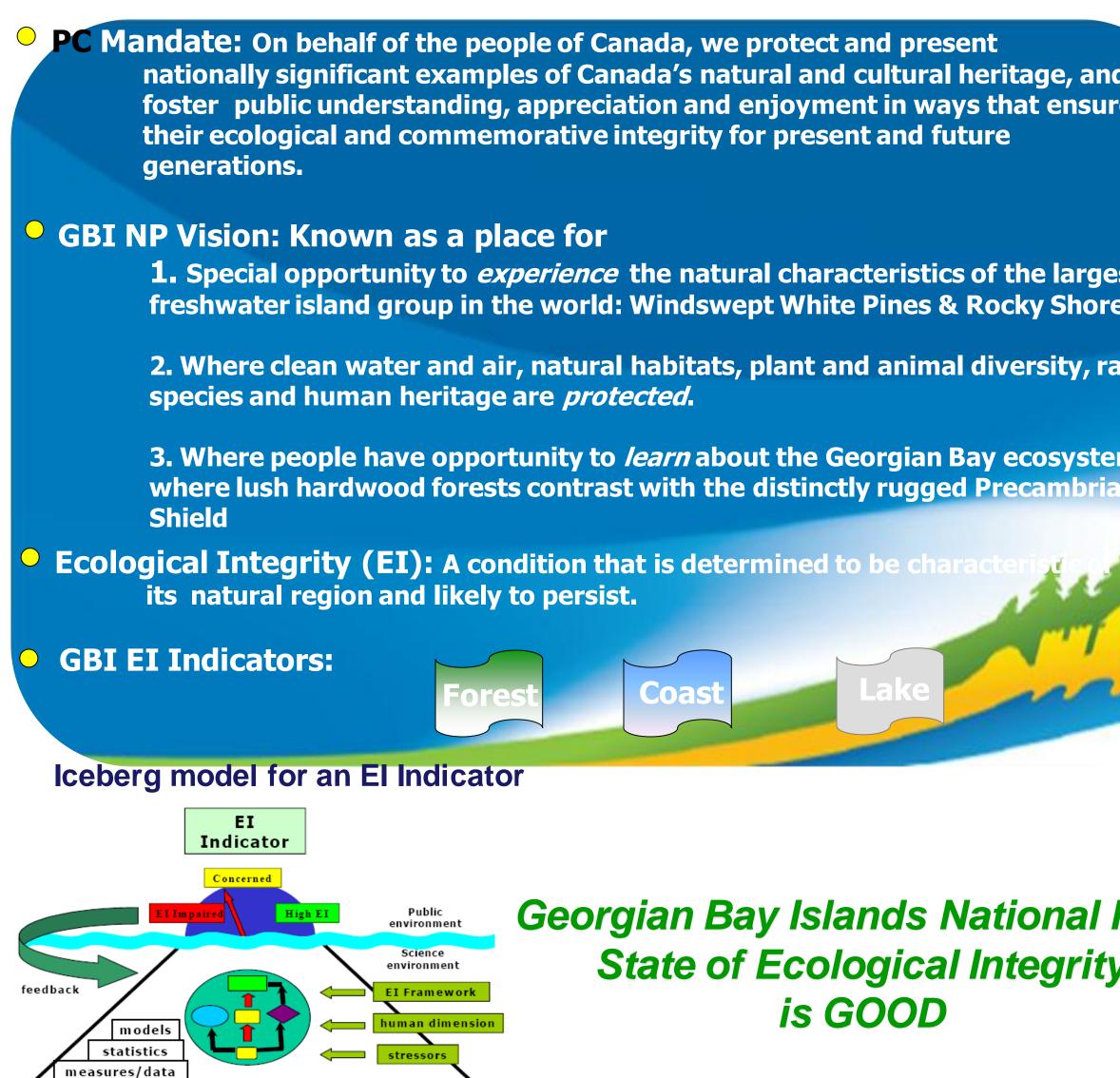


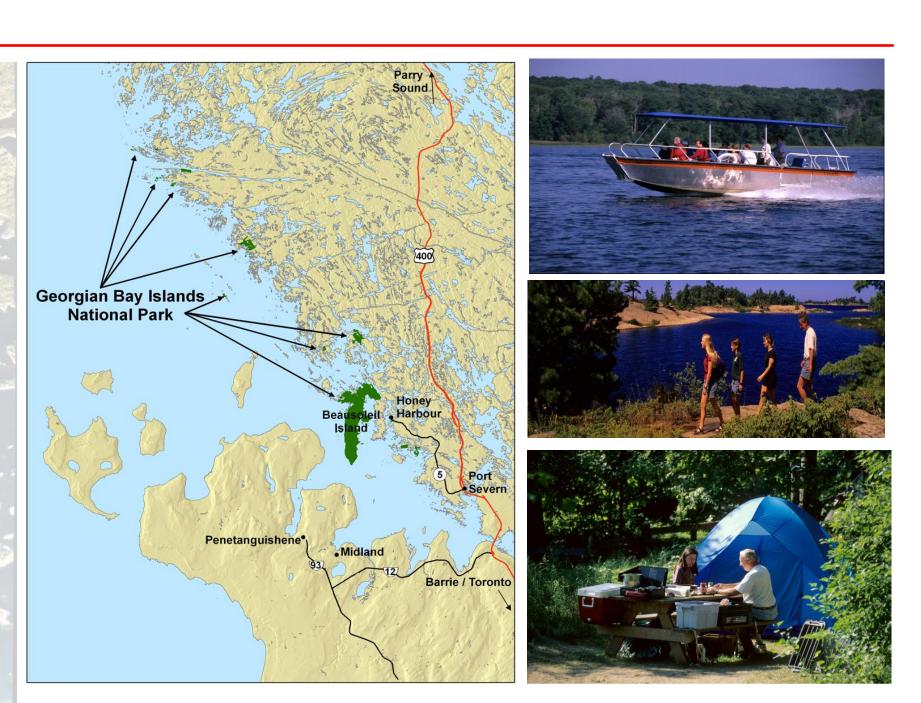


Introduction

- Location: South-eastern Georgian Bay in the heart of Ontario's cottage country, just 150 kms north from the GTA.
- National significance: Representative of two natural regions: Central Great Lakes-St. Lawrence Precambrian and West St. Lawrence Lowlands regions.
- Ecological significance: Georgian Bay Biosphere Reserve.
- Total no. islands: 63 dispersed different sizes islands totalling 14 km².
- Key Island: Beausoleil Island (11 km²).
- Ecological systems: Forest 79%, Island Lake 1%, Wetland 1% and Coastal shoreline 19%.
- Physical diversity: The southern two-thirds of Beausoleil island have well-drained sands and gravel while the northern section of the island is characterized by exposed rock.
- Species At Risk: Total 16 (COSEWIC 2010), 11 of them are reptiles (5 SC, 4 THR & 2 END).
- **Species diversity:** High diversity of reptiles and amphibians (33 Species).

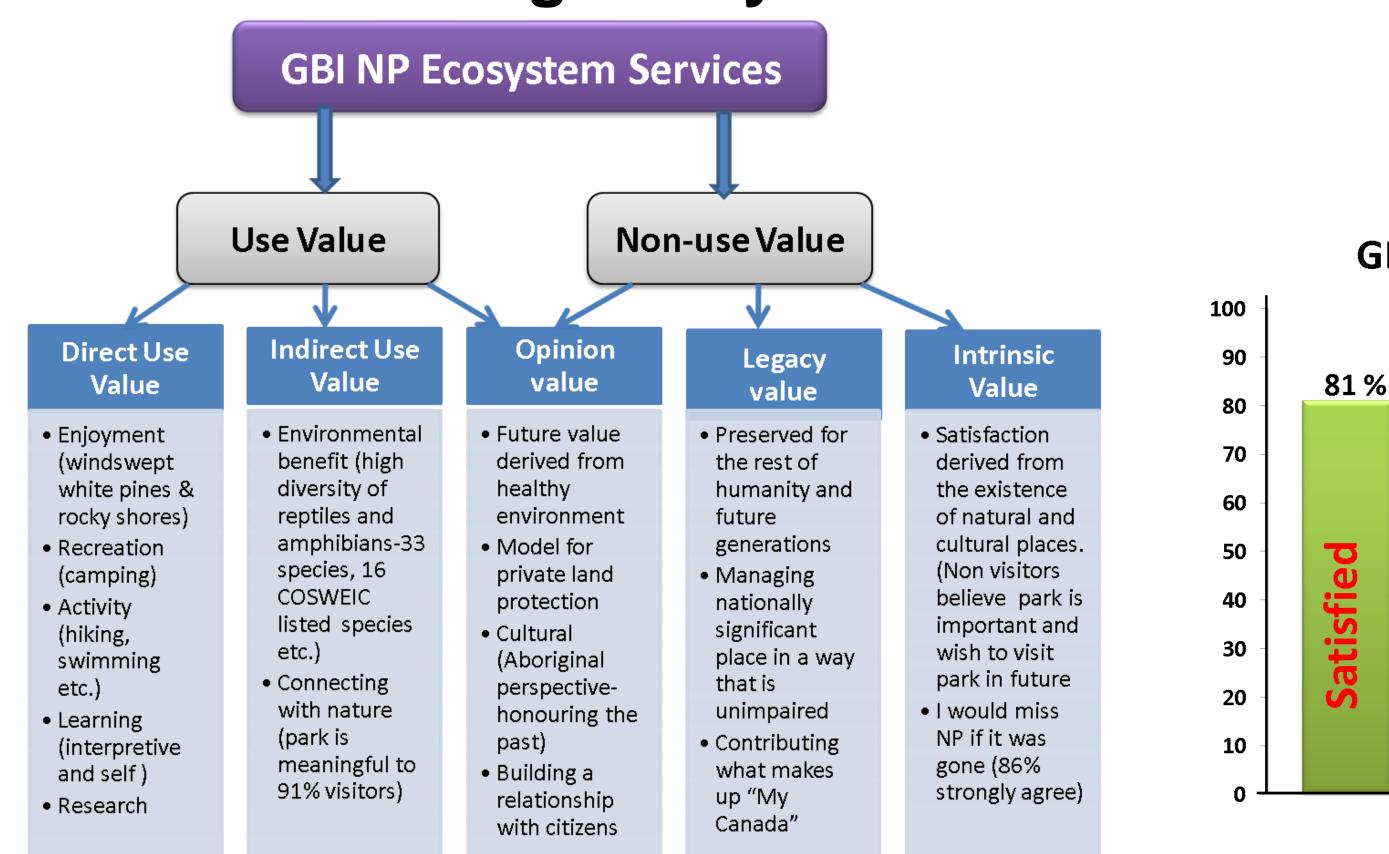
GBI NP Visitor's Opportunity & Ecological Integrity





Valuing Ecosystem Services in Protected Areas: Example of Georgian **Bay Islands National Park**

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nd Ire	Measure	Current Status	Significant Difference?
	Forest Indicator Status is Good		
	Downed Woody Debris	Poor	No (p≺0.6283)
est res.	Decay Rates	Good	No 0.8828
are	Crown Condition	Good	Yes (p=0.0001)
	Stem Defects	Good	Yes (p=0.0091)
em an	Regeneration	Good	No 0.1286
4.	Annual Tree Growth	Good	No 0.2925
12	Plethodontid Abundance	Good	Yes (p≺0.0001)
N	Forest Bird Abundance	Fair	Yes 0.0043
Coast Indicator Status is Good			
	Water Quality Index	Good	More data needed
Park y	Frog and Toad Abundance	Poor	Yes (p≺0.0001)
	Aquatic Exotic Invasive Plants	Good	Yes (p=0.0163)
-	Lake Indicator Status is Good		
	Benthic Invertebrates	Good	No (P=0.0256)



We are grateful to our visitor's for their support of the resource conservation program. Many thanks to our collaborators, partners and park staff whose contribution made possible to present current state of our natural resources.

Valuing Ecosystem Services

\$\$\$ Environmental Protection

\$\$\$ Cultural Protection



Acknowledgment



