



<b>Need</b>	<b>downscaling of climate change modeling</b>
Description	<p>Additional needs identified in this Vulnerability Assessment:</p> <ul style="list-style-type: none"> <li>- measuring the overall multiplier effects of climate change on provincial economies;</li> <li>- targeted baseline monitoring and reliable inventories for lake, river and groundwater resources, and the condition and capacity of water distribution and treatment systems;</li> <li>- improved understanding and modelling of hydrologic systems and processes (current and historic);</li> <li>- assess extreme weather impacts on transportation and infrastructure systems;</li> <li>- improved understanding of shoreline response to changing water levels;</li> <li>- increased focus on impacts of change of forestry and agriculture; and</li> <li>- studies that derive realistic cost estimates for different adaptation options.</li> </ul>
Discipline	- Climate Society Interactions
Sector	<ul style="list-style-type: none"> <li>- Managed Ecosystems</li> <li>- Social and Cultural Resources</li> <li>- Economic Resources</li> <li>- Cross Disciplinary</li> </ul>
Source	Adapting to a Changing Climate Change in Nova Scotia: Vulnerability Assessment and Adaptation Options September 2005
Lead Agencies	Nova Scotia Environment Environment Canada