## Developing Indicators for the Bay of Fundy to Long Island Sound

## 9. Climate Change

b. | c. |

Many human activities including deforestation and the burning of coal, oil, and natural gas have contributed to an increased accumulation of greenhouse gases such as carbon dioxide and methane. This results in an overall warming of the Earth or portions of it. The potential consequences of this warming (e.g., melting of the polar icecaps and resulting sea level rise, increased water and air temperatures) affect the overall ecosystem of our region. Concerns have been raised regarding the effects of temperature on biodiversity, extreme climactic events, sea level rise; changes in weather patterns affecting hydrology and freshwater inputs; and impacts on coastal wetlands and infrastructure.

## 34. How important are the following climate change issues?

ant Important	Somewhat Important	Not Important						
0	0	0						
0	0	0						
0	0	0						
0	0	0						
35. Suggested Additional Climate Change Issues:								
		ant Important Important						

## 36. How useful are the following themes in communicating the status and trends of climate change?

	Very Useful	Useful	Somewhat Useful	Not Useful
Rate of sea level rise	0	0	0	0
Species at risk with changes in climate	0	0	0	0
Number of extreme storm events	0	0	0	0
Biodiversity index	0	0	0	0
Days with unhealthy levels of ozone pollution	0	0	0	0

Appearance of sentinel species ties seasonal climate changes	ed to	0	0	0	0
7. Suggested Additional Clima	ate Change	Themes:			