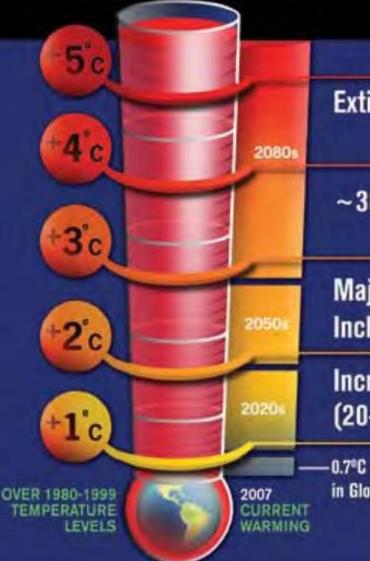
Future Global Impacts on Ecosystems



Extinction (>40% known species)

~30% of Global Wetlands Lost

Major Changes in Natural Systems, Including Negative Effect on Biodiversity

Increased Risk of Extinction (20-30% known species)

0.7°C Increase in Global Average

Decreased Water Availability, Increased Drought, Fire Risk and Flood/Storm Damage



Physical Impacts Vary with Emission Levels

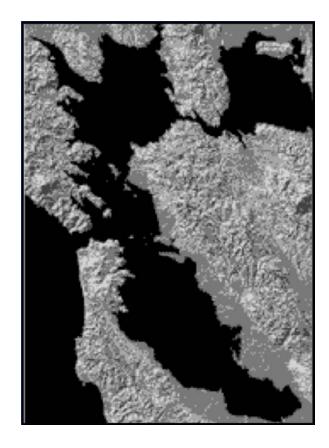
	Temp	Sierra	Critically	Large fire	Sea level
	Change	snowpack	dry years	risk	rise
High	0 40 40E	00% loss	0.5v	not	22 22"
Emissions	8-10.4°F	90% loss	2.5x	evaluated	22-33"
Medium		78-80%		55%	
Emissions	5.5-7.9°F	loss	2-2.5x	increase	14-22"
Lower		30-60%		10-35%	
Emissions	3.0-5.4°F	loss	1-1.5x	increase	6-14"

Source: California Climate Change Center, 2006.



San Francisco Bay

Past & Projected Sea Levels



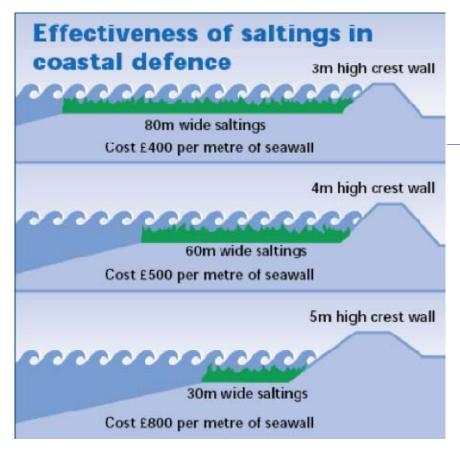
1849

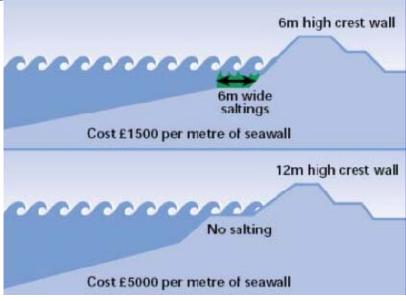


2100



Protection Costs & Store Carbon





Source: Brampton 1992.

