National Climate Assessment (NCA)

• Objectives
• Types of Contributions
• Issues
Objectives

- Synthesizing state of knowledge of the climate including uncertainties
- Informing priorities
- Building assessment capacity
- Supporting climate literacy
Types of Contributions

• Regional Climate Summaries – Northwest, Great Plains, etc.
• Sector/Topical Summaries – Agriculture, Forestry, etc; Oceans and Marine Resources, Biogeochemical Cycles, etc; Urban Infrastructure and Vulnerability, Adaptation and Mitigation, etc
• Local Summaries – Example: Climate Change and the Olympic Coast: Interpreting Potential Futures
Olympic Coast National Marine Sanctuary

V. Physical Effects of Climate Change ................................................................. 5

2 Increasing Sea Surface Temperature .................................................................. 8

3 Acidification of Ocean Water ............................................................................. 14

4 Sea Level Rise .................................................................................................... 20

5 Increasing Frequency and Severity of Storms ..................................................... 31

6 Changing Ocean Current Patterns (Including Upwelling) ................................ 42

7 Increasing Occurrence of Coastal Hypoxia and Anoxia .................................... 42

8 Altered Hydrologic Patterns ................................................................................ 43

9 Implications for Priority Habitats of the OCNMS .............................................. 50
Issues

• Balance in subject matter
• Consistency amongst various types of contributions
• Ongoing effort rather than periodic reports
• Organization in general (e.g., 60 person advisory committee)