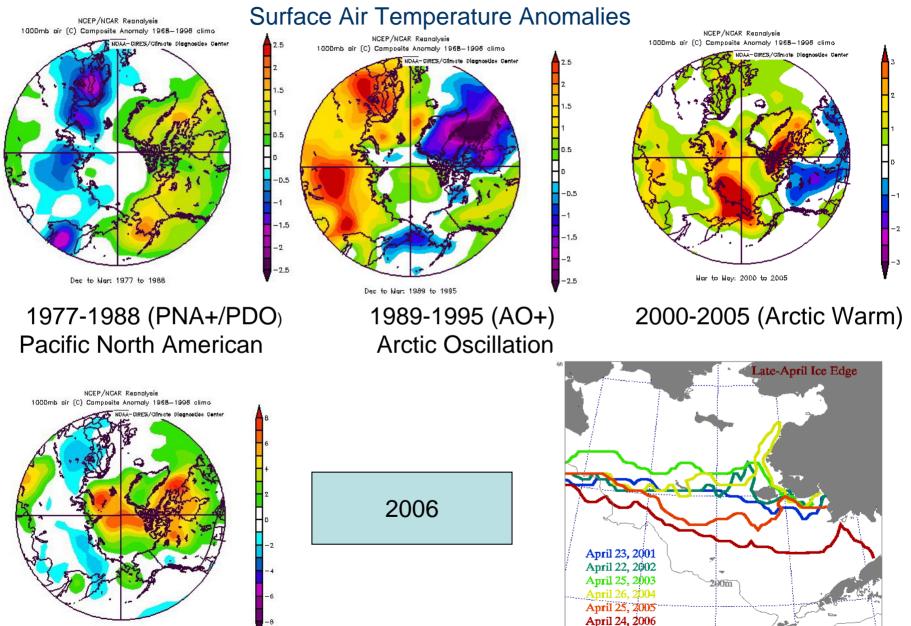
Bering Sea

Important: Large Ecosystem, Pollock \$2 B, 40 % of US catch
Considerable data sources: Annual surveys and research
First-order Knowledge Base: reviews and special issues
Considerable management and support activities
Not generally overfished: Dynamic ecosystem and climate change

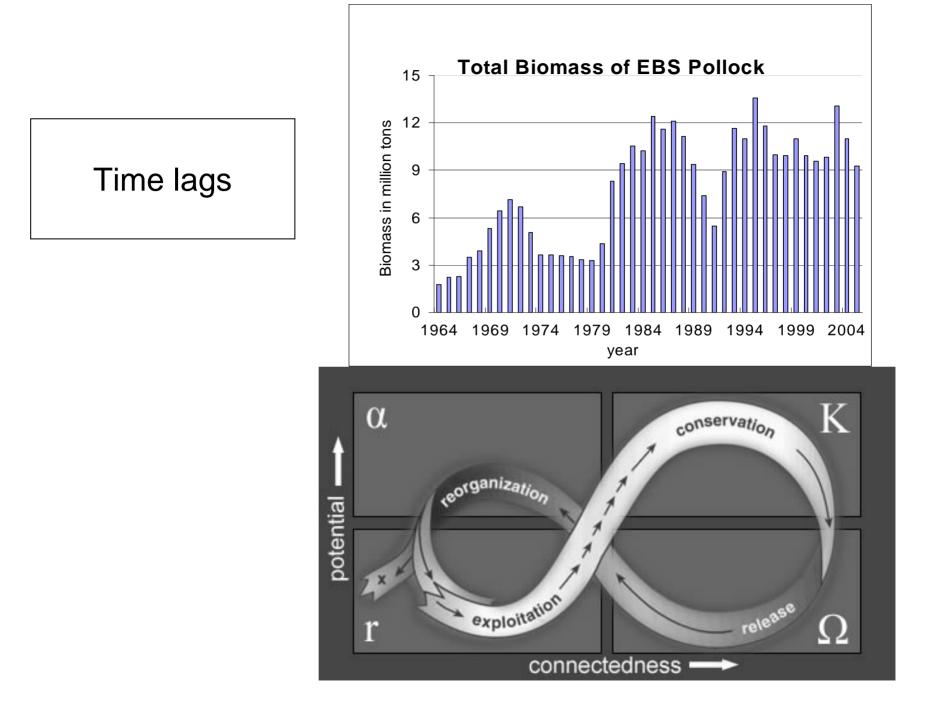


Climate Patterns

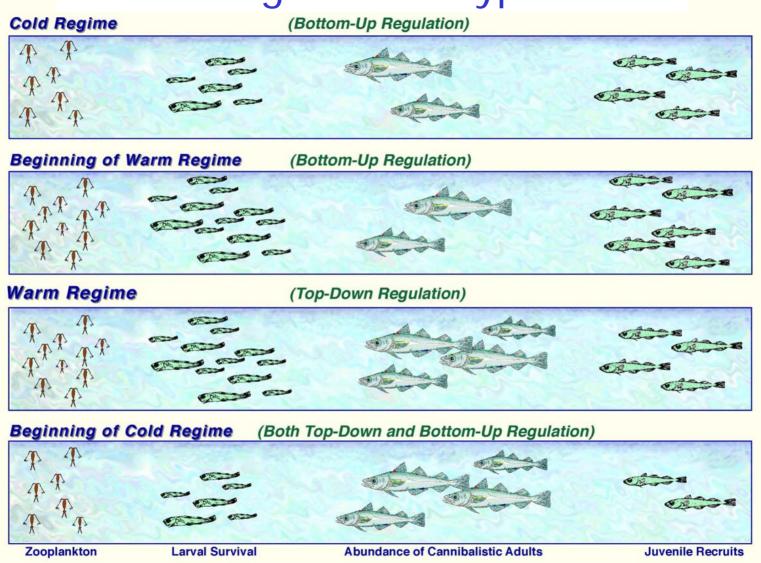


-181

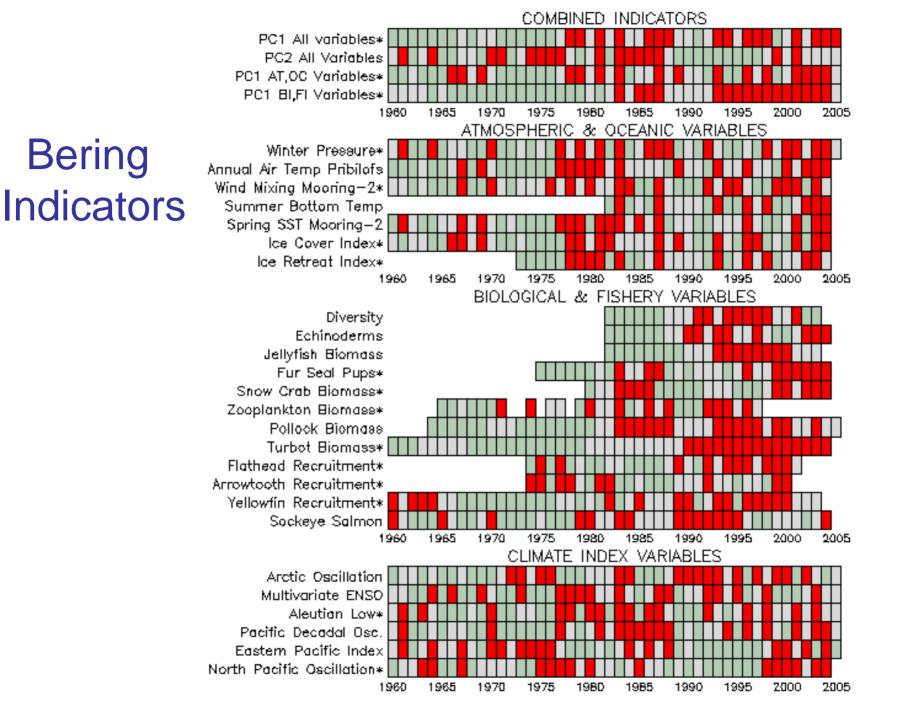
Feb to Apr: 2006

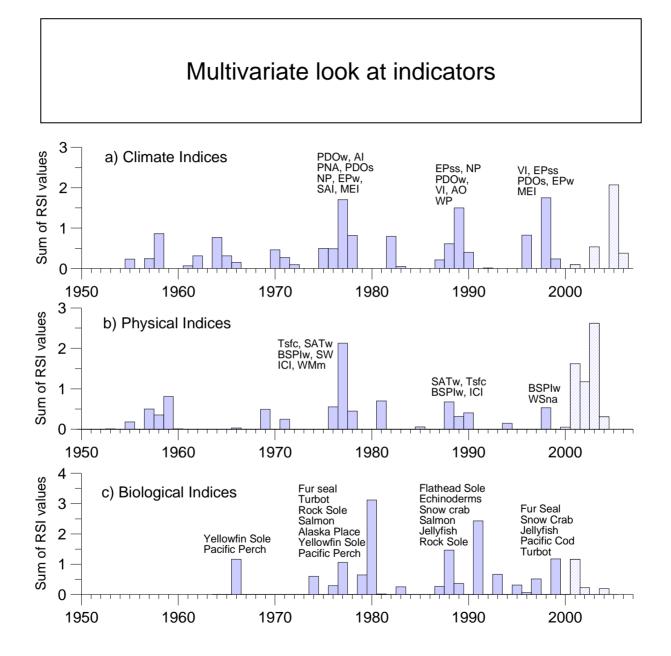


Oscillating Control Hypothesis

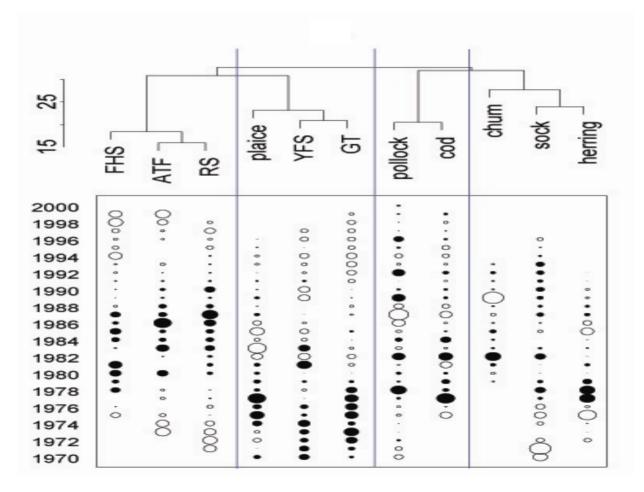


Hunt et al. (2002)





Dendogram of Bering Sea stocks based on hierarchical cluster analysis of pairwise Manhatten distances among standardized recruitment



From Franz Mueter & Bern Megrey

Charge to Workshop

While understanding the limits from complexity, the ongoing efforts by NMFS and others, and the need for comprehensive reviews (300+ pages),

How do we summarized the state of the Bering Sea that will provide sensitive indicators (<10) of change?