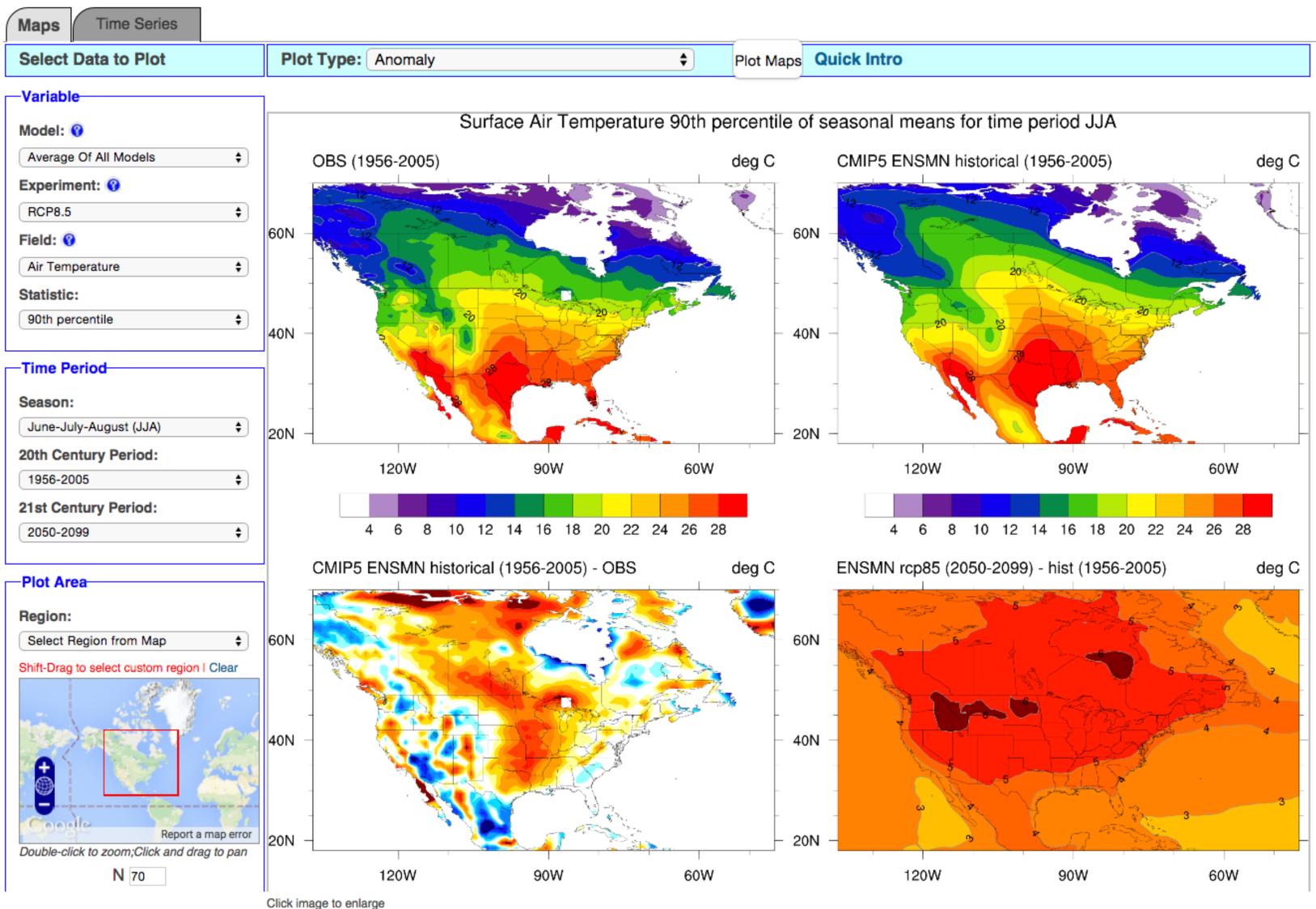
Visualize CMIP5 Projections

Tools for Descision Makers, Educators, Scientists

- Simplify & Guide Climate Model Analysis
- Provide Framework for Non-Climate Scientists to **Evaluate Climate Change Projections**

Funded by :

- USBR, USACE (Land and Rivers Portal)
- NOAA Fisheries (Marine Ecosystems Portal)



NOAA's Climate Change Web Portal

This is a Research and Development Application

Return to: Climate Change Portal Home Switch to: Ocean and Marine Ecosystems Portal This page is maintained by Jamie Scott

NOAA RESEARCH • EARTH SYSTEM RESEARCH LABORATORY • PHYSICAL SCIENCES DIVISION

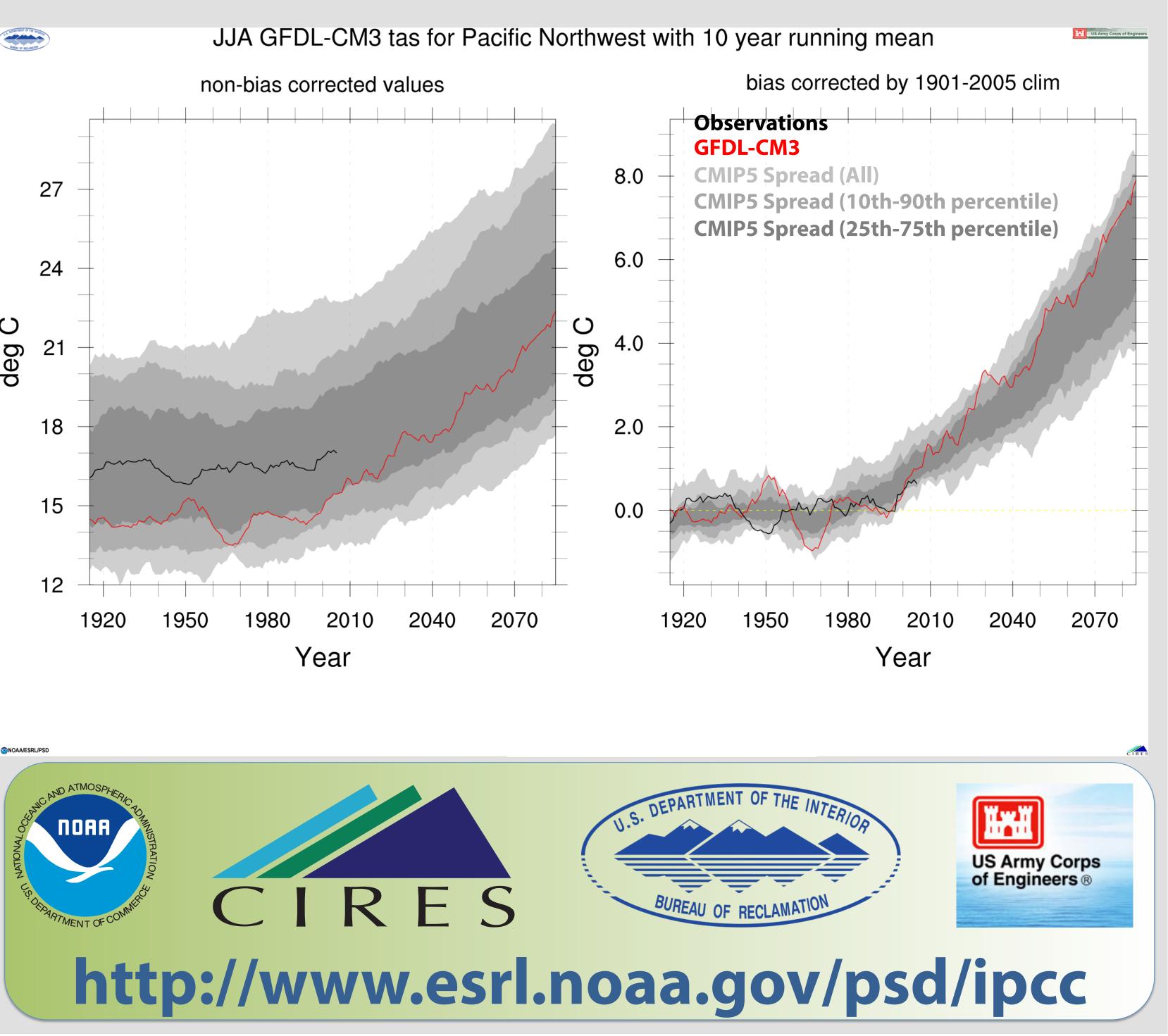
NOAA Climate Change Web Portal

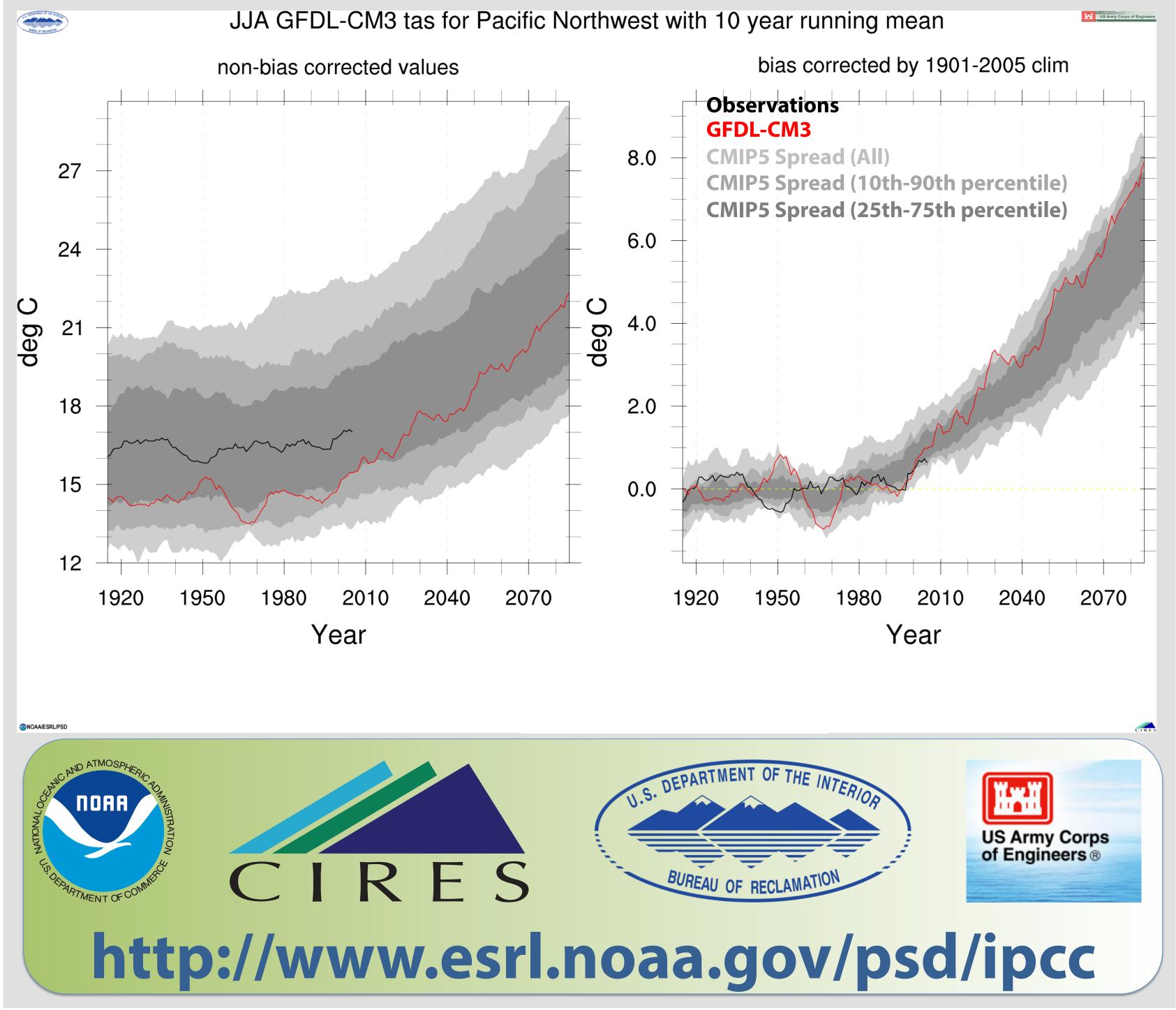
James Scott, Michael Alexander, Don Murray, Dustin Swales, Jon Eischeid

Time Series Analysis

- Running Mean Filters for Annual or Seasonal Means

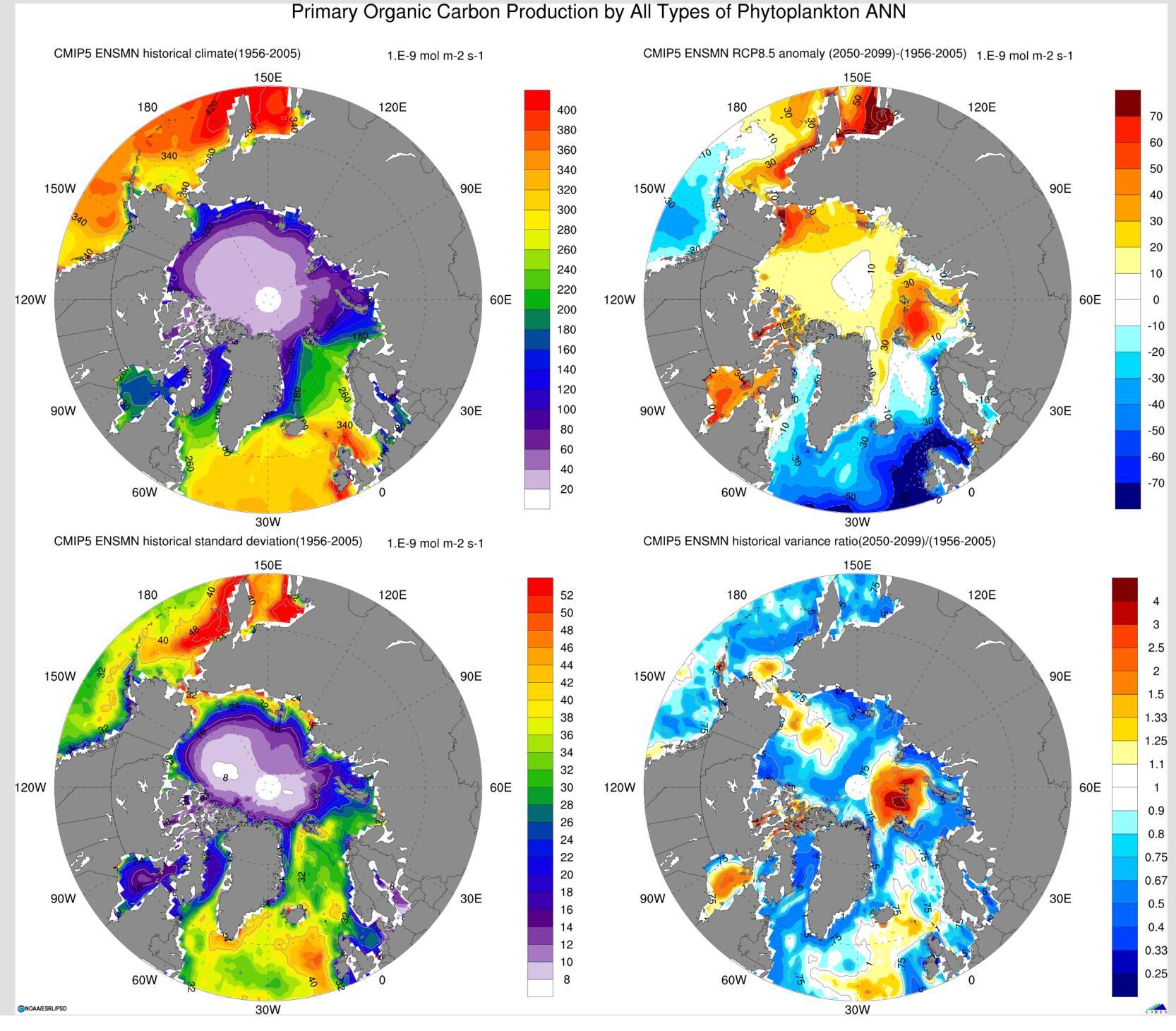
- **US Watersheds and Large Marine Ecosystems** Compare Observations to CMIP5 Models Individual Models or Ensemble Mean Mean Values and Bias Corrected Values

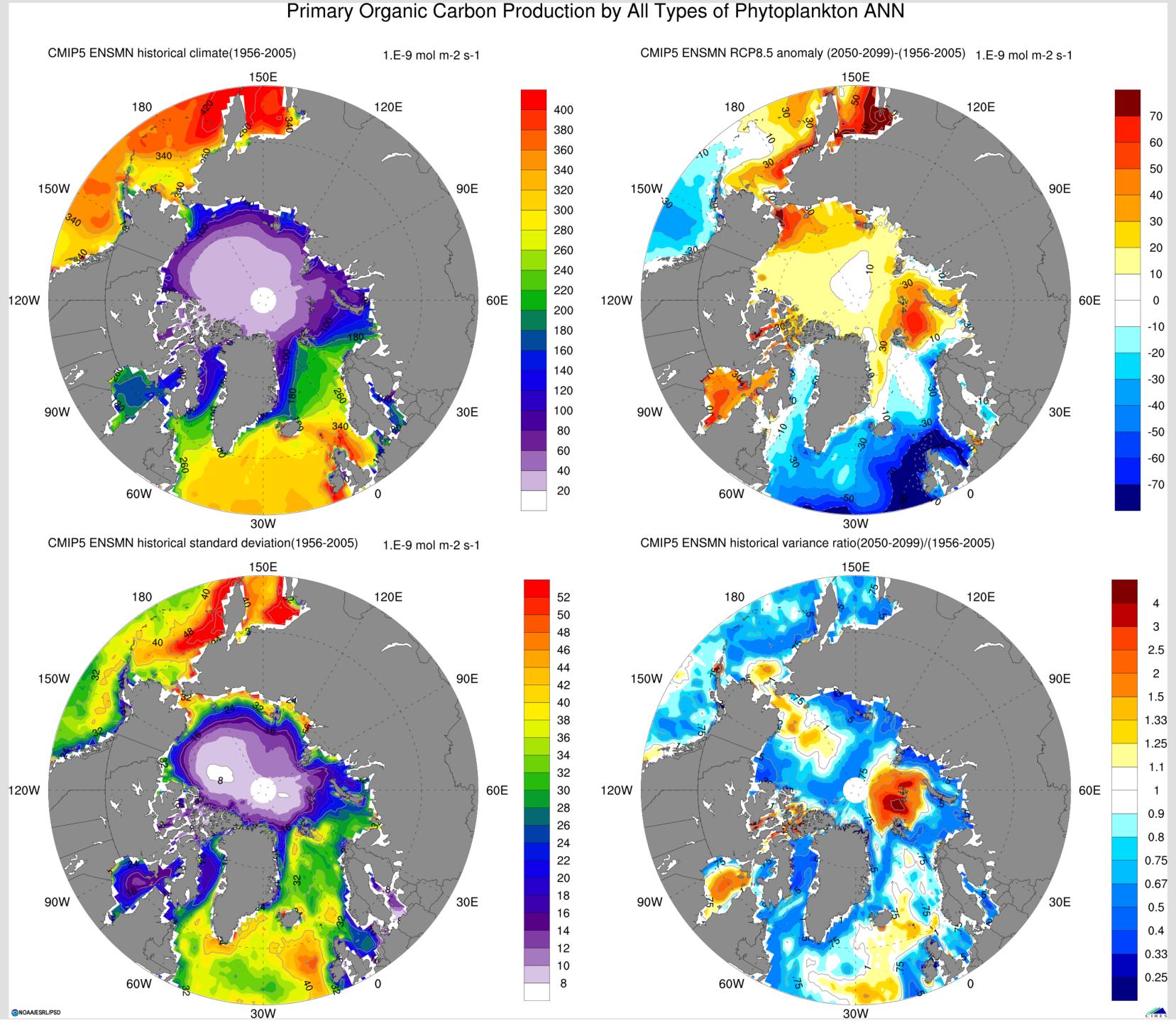




Ocean and Marine Ecosystems

Earth System Model Output





 Physical and Biological Ocean Processes • Heat Content, Bottom Temperature, Stability, Sea Ice • Primary Productivity, Oxygen, Chlorophyll, pH