

# NOAA Climate Change Web Portal

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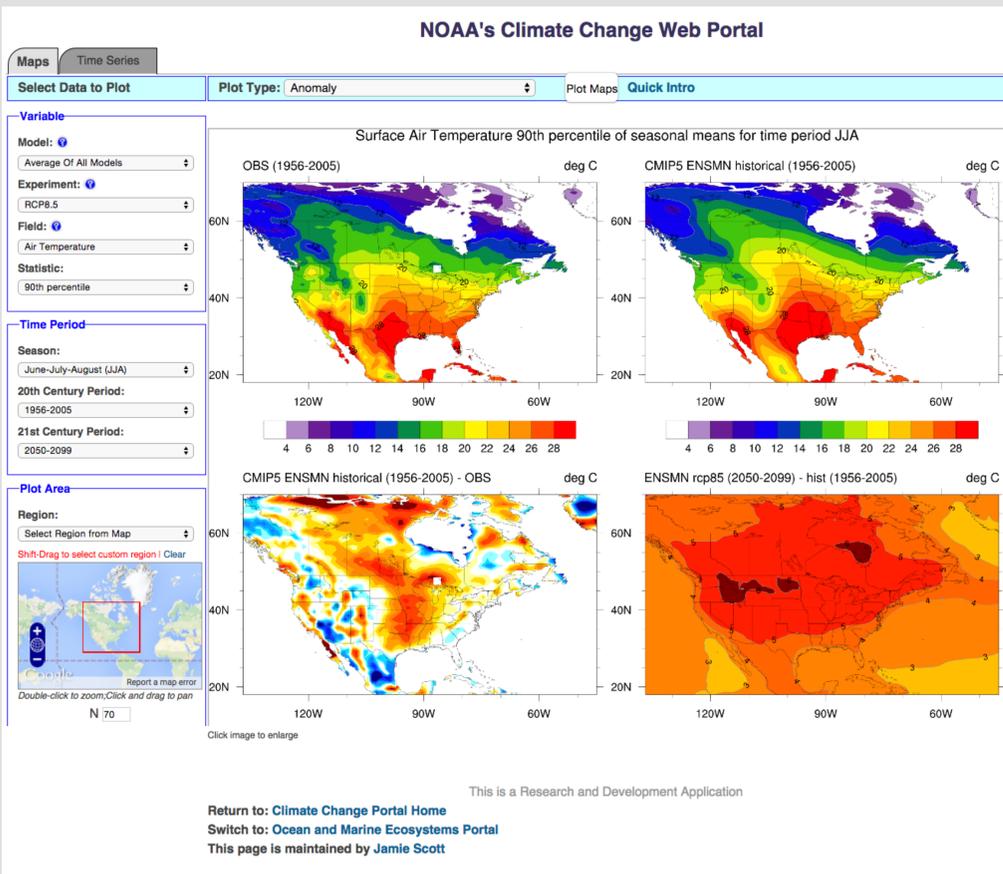
## Visualize CMIP5 Projections

Tools for Decision Makers, Educators, Scientists

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

Funded by:

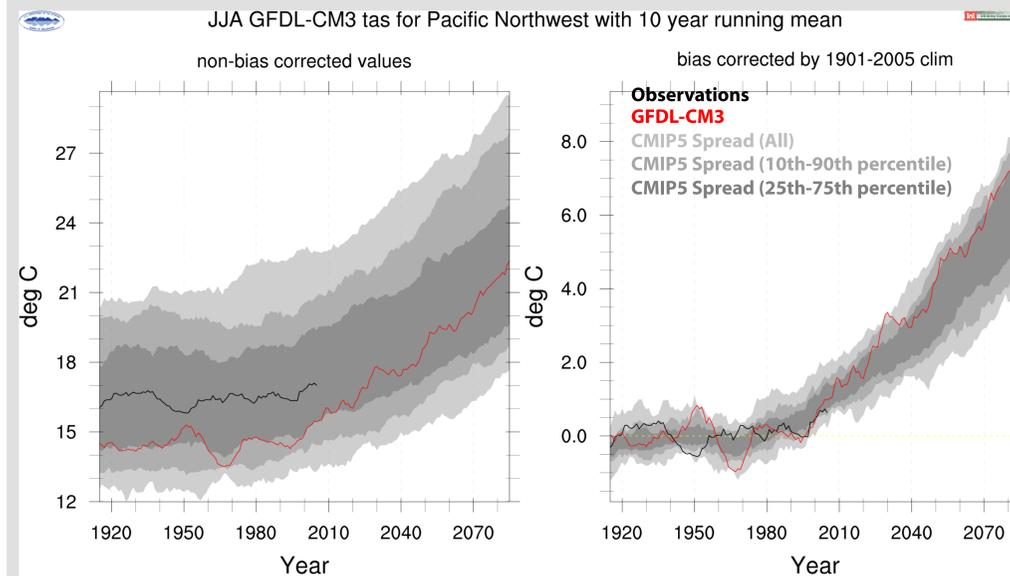
- USBR, USACE (Land and Rivers Portal)
- NOAA Fisheries (Marine Ecosystems Portal)



## Time Series Analysis

US Watersheds and Large Marine Ecosystems

- Compare Observations to CMIP5 Models
- Individual Models or Ensemble Mean
- Running Mean Filters for Annual or Seasonal Means
- 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

