







## CLIMATE SCENARIOS

### 2035 and 2060 CMIP5 Climate Projections

From EPA CREAT Projection Map - <http://arcg.is/2cEzv2p>

Success at emissions controls over time, as well as development and population trends, will determine the degree of climate change we can anticipate. Managers should test the robustness of decision over a range of potential futures to reduce overall risks and costs.

## DATA ANALYSIS EXAMPLE

### Fish Habitat Degradation - <http://bit.ly/2qJrSKL>

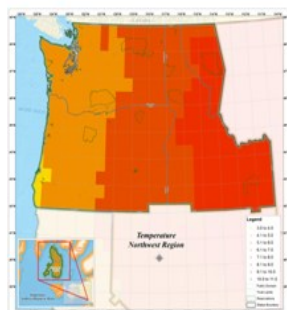
Data Source: National Fish Habitat Partnership

### Temperature Scenarios

### Precipitation Scenarios



Hot 2035



Hot 2060



Dry 2035



Dry 2060



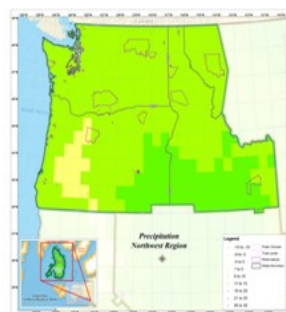
Central 2035



Central 2060



Central 2035



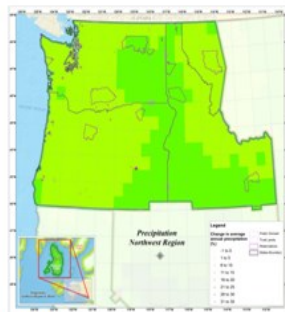
Central 2060



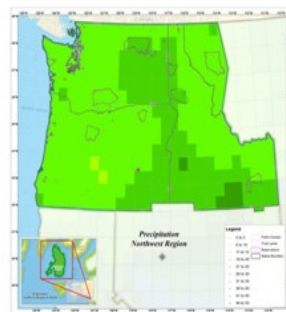
Warm 2035



Warm 2060



Wet 2035



Wet 2060

With increasing temperatures and lower flows on Northwest streams in late season, compounded by more rapidly melting glaciers and less snowpack, Tribes ability to maintain endangered salmon and other natural, northwest fisheries is growing more complex. In co-management with the states and federal government, the Columbia River Inter-Tribal Fish Commission is specifically addressing climate change as a threat to their lifeways by improving cold water refugia, restoring ecosystem function, seeking greater water rights flexibility to maintain instream flows, and studying ways to reduce fish stressors - <http://bit.ly/2qzhl0P>

