



Climate Change Action Planning for the National Scenic Area

Columbia River Gorge Commission

**We're examining how these NSA
resources...**

Natural

Cultural

Scenic

**Human
Well-being**

Recreation

**...are affected by these impacts of
climate change**



Rising
temperatures



Extreme weather



Increased fire



Hydrological
changes

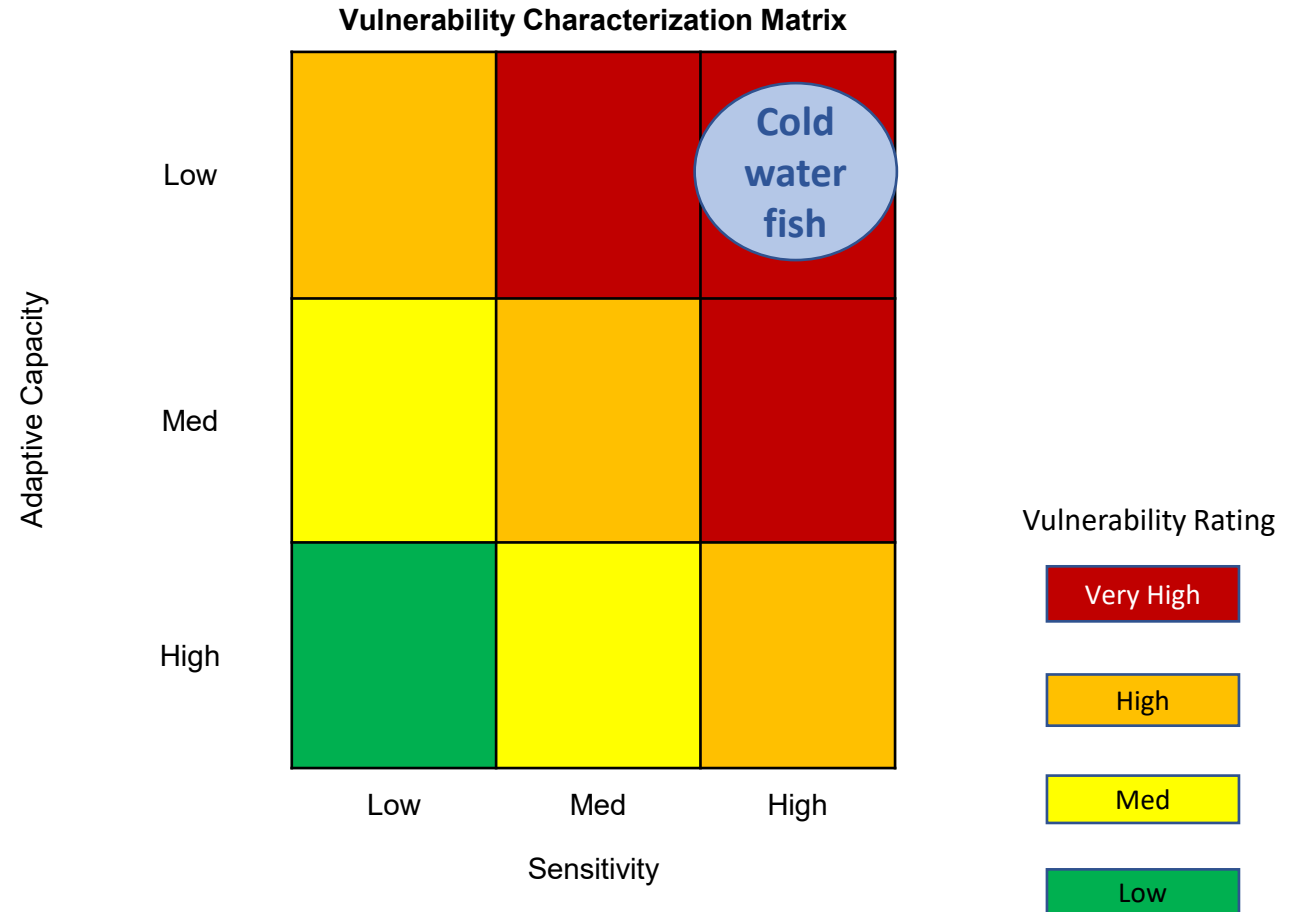
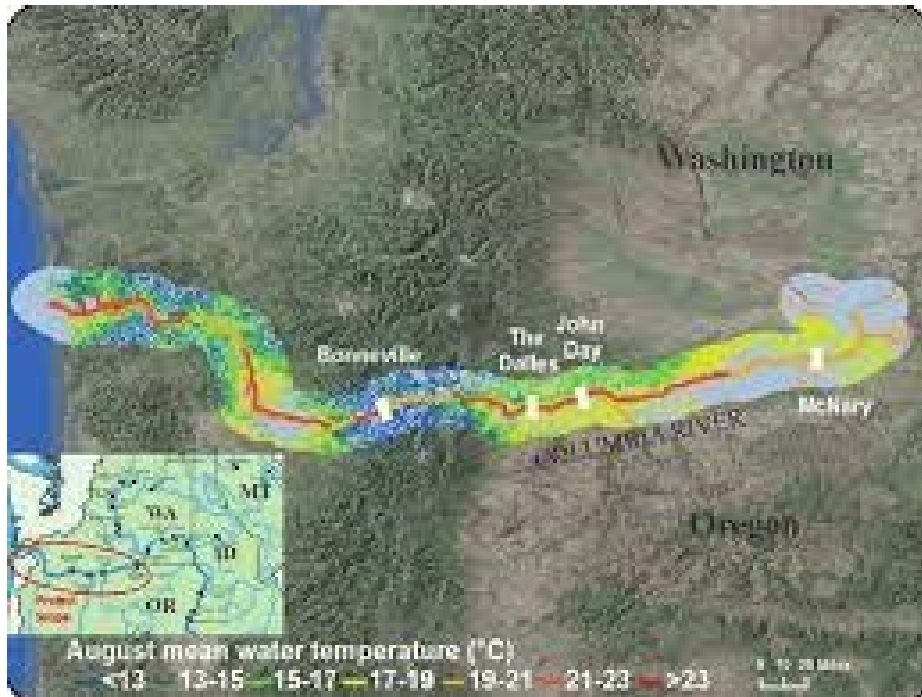
Assessing vulnerability to NSA resources

Example: Cold Water Refuge Fish Species

Sensitivity: **High**

Adaptive Capacity: **Low**

Vulnerability: **Very High**



Potential for loss, assessing risks



Loss of native species

Loss of habitat function

Impacts on tribal sovereignty

Loss of native habitats to type conversion

Loss of property and costs of repair

Loss of economic viability

Commission Focus for Adaptation

- **Water resources**
 - Wetlands
 - Streams and fish species
 - Water quality
- **Other culturally important plants**
 - Access
 - Cliff plants
- **Terrestrial habitats**
 - Intact resilient areas
 - Grasslands and woodland/forest understory
 - Coniferous forests
 - Talus
- **Transportation network**
- **Agriculture**
 - Conservation practices
 - Carbon storage, especially in orchards
- **Cultural sites**





GHG emissions reduction focus

- Support regional transportation planning and projects
 - Transit and other traffic reduction strategies
 - Electric vehicle infrastructure
 - Bicycle and pedestrian connections
 - Traffic congestion/reduction
- Protect and enhance carbon storage
 - Protect forests from wildfire
 - Maintain woodlands and grasslands
 - Promote carbon storage solutions on agricultural lands

Components of the CCAP



Vulnerability Snapshots

**Refined Strategies and
Actions**

Prioritized Initial Actions

**Steps and Accountability
for Implementation**

Information Needs

For more information on the CCAP

<http://www.gorgecommission.org/initiatives/climate-change/>

or click the “Priorities” tab on our website

