Stakeholder Interactions

- Regional problems require interactions for science to be useable; Interactive modes have become second-nature for many PSD scientists; unique among labs
- Stakeholders include other parts of NOAA, Dept of Interior bureaus, water managers, cities, states.
- Inform use-inspired science & improve useability of climate information; support boundary organizations
- Stakeholder partnerships help ensure that PSD science is relevant to the needs of the nation
- Partnerships like this ensure value of PSD science to the Nation



NOAA RESEARCH • EARTH SYSTEM RESEARCH LABORATORY • PHYSICAL SCIENCES DIVISION

PSD Stakeholder Interactions: Capabilities and Benefits

Andrea Ray, Joe Barsugli, Imtiaz Rangwala, Heather Yocum, PSD Attribution and Predictability Assessments Team

1: Synthesis & Assessment

Needs-driven to serve particular stakeholders and problems or policy processes

- Climate Change in Colorado to Support Water Management
- Climate Assessment for U.S. Fish and Wildlife Service endangered species review

2: Mediating Framing of the Climate Problem

What climate futures should you be planning for??

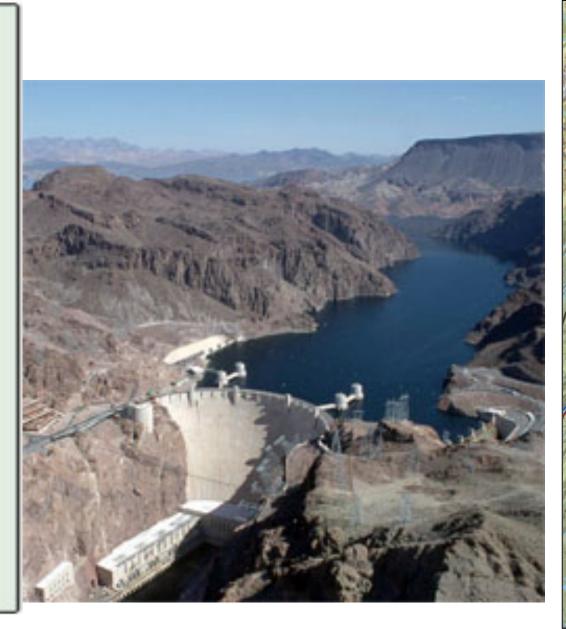
- NMFS Susitna Hydropower
- Boulder County Climate Change Preparedness Plan

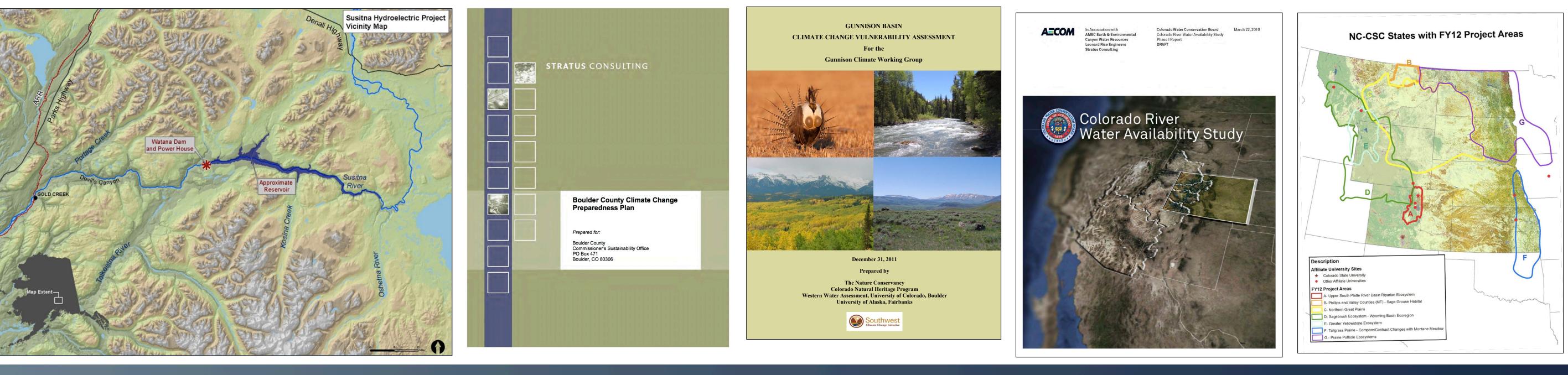
USGS

5 O'Donnell Kut R. Shorell, Nits C. Babel, and Zachary H. Bowen.



Open-File Report 2013-1223 U.S. Department of the Interior U.S. Onelegical Survey





3: Collaboration & Co-production

- Colorado

Results/outputs

- diverse stakeholders

Upcoming work

- R20 proposal pending
- embedded at PSD
- Theme

Colorado River Water Availability Study for the State of

 North Central Climate Science Center (NCCSC) pilot projects with USGS Ecologists

• Over 15 reports/synthesis products

• Provide guidance & environmental intelligence to

• Ongoing NSF EaSM grant; funds social science post-doc

Rangwala leading NCCSC University Consortium Climate