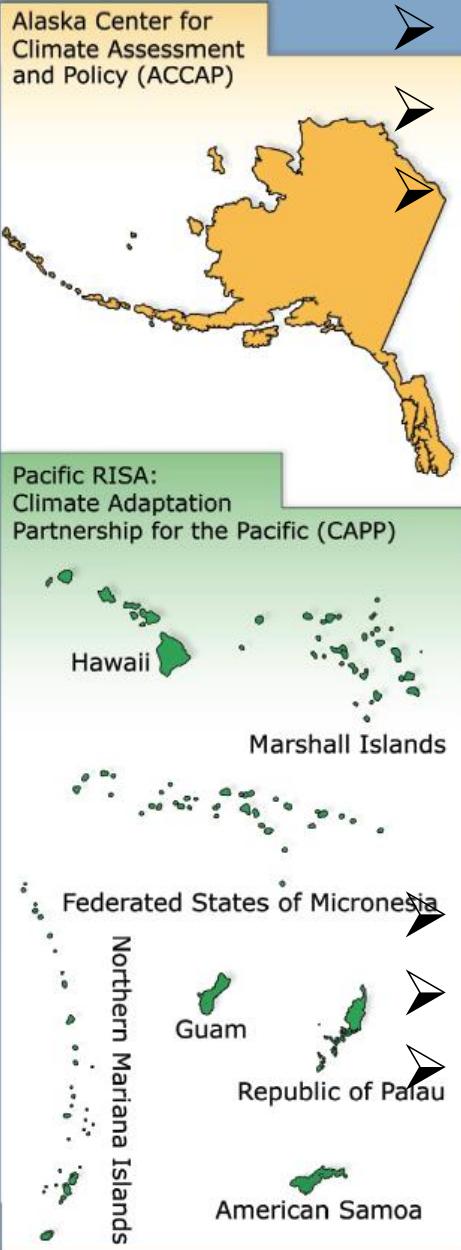


NOAA Regional Integrated Science and Assessments program



- Problem defined
- Use-inspired
- Solution driven



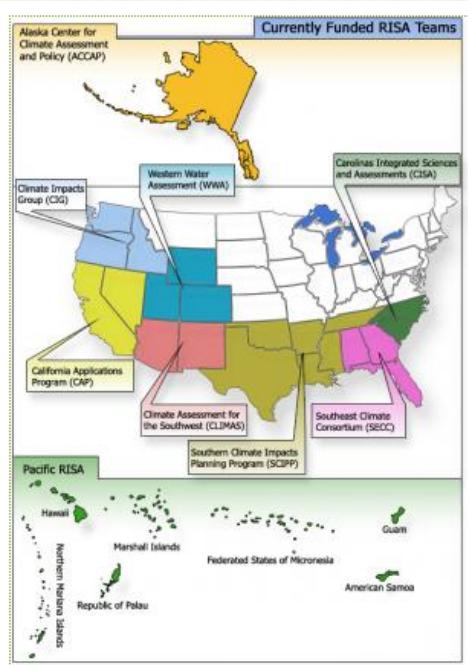
About CLIMAS

Our Mission

The mission of the Climate Assessment for the Southwest (CLIMAS) program is to improve the region's ability to respond sufficiently and appropriately to climatic events and climate changes. The program promotes participatory, iterative research involving scientists, decision makers, resource users, educators, and others who need more and better information about climate and its impacts. CLIMAS investigators conduct research on the nature, causes, and consequences of climate change and variability in the southwestern United States. The program also supports efforts to improve climate forecasting in the region.

Our Background

The intersection of climate variability and change with social phenomena such as population growth, cultural diversity, and climate vulnerability creates a complex environment for stakeholders in the semi-arid and arid southwestern United States. Resource and land managers concerned with maintaining the health of ecosystems and resources face serious climate-related challenges, including severe sustained drought, dramatic seasonal and interannual variations in precipitation, and steadily rising temperatures. Similarly, local, state, and Native Nation governments strive to maintain vital economic growth and quality of life within the context of drought, population growth, vector-borne disease, and fragile water supplies. These uncertainties at the climate-society nexus are prompting decision-makers to seek out improved integrated knowledge in the natural and social sciences and decision-support tools. Stakeholders in the region need new and improved tools to help reduce risk and enhance resilience in the face of climate variability and change.



partners. In August 2007 the program entered its third phase, which focuses on understanding risk, resilience, variability and change in climate and water systems, providing decision support, and facilitating knowledge exchange and partnerships.

About Us

► People

[CLIMAS Annual Reports](#)

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[CLIMAS team blog](#)



CLIMAS is located at:
The University of Arizona
Institute of the Environment
715 N Park Avenue, 2nd Floor
Tucson, Arizona 85721-0156

Phone: (520) 792-8712
FAX: (520) 792-8795
[Contact Us](#)

Our Mailing Address is:
CLIMAS
The University of Arizona
PO Box 210156
Tucson, Arizona 85721-0156

Problem defined

Use-inspired

Solution driven

Managing risk

Boundary spanning

Research-to-Action

Translational

Co-Production

Salience, Credibility

& Legitimacy

Trust

Building Community

Co-reliance

Best Practices

Evaluations & metrics



April 25, 2012

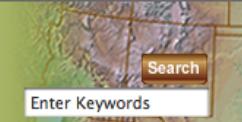
Southwest Climate Outlook

April Climate Summary

Vol. 11 Issue 4



- ✓ **Cinnamon Snow: Flecks of Dust Alter Western Water Supplies**
 - ...Dust events
 - ...Impacts on Water Resources
 - ...In a changing climate
- ✓ **Temperature**
- ✓ **Precipitation**
- ✓ **U.S. Drought Monitor**
- ✓ **Arizona Drought Status**
- ✓ **New Mexico Drought Status**
- ✓ **Arizona Reservoir Levels**



April 25, 2012

Southwest Climate Outlook

Vol. 11 Issue 4



- ✓ New Mexico Reservoir Levels (through 3/31/12)
- ✓ Southwest Snowpack (updated 4/19/12)
- ✓ Temperature Outlook (May-October 2012)
- ✓ Precipitation Outlook (May-October 2012)
- ✓ Seasonal Drought Outlook (through July)
- ✓ Streamflow Forecast (for spring and summer)
- ✓ Wildland Fire Outlook (May-July 2012)
- ✓ El Niño Status and Forecast

Bridge?

or



Onramp?

*In theory there is no difference
between theory and practice.*

In practice there is.

- Yogi Berra -