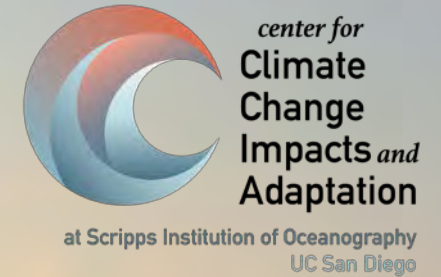


CA 4th Climate Change Assessment: San Diego Regional Reports



National Academy of Sciences
August 14-15, 2018



Laura Engeman
Center for Climate Change Impacts & Adaptation (SIO)
Climate Science Alliance

Climate Change Assessment for the San Diego Region

LEAD AUTHORS:

Julie Kalansky, Dan Cayan

Scripps Institution of Oceanography

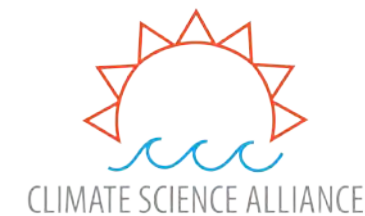
Photo by Joanna Gilkeson / USFWS



UC San Diego

4th Assessment Section Focus: *Boundary Spanning Organizations*

“Boundary-spanning organizations can help translate the science in real time, build trust among partners, and have enough influence to garner support for action”



San Diego County Ecosystems:

The Ecological Impacts of Climate Change on a Biodiversity Hotspot



LEAD AUTHOR:
Megan Jennings,
San Diego State University

San Diego Ecosystems Report: *Key Findings*

- Range shifts
- Species thresholds for intense warming and drought
- Coastal low clouds and fog
- Landscape-scale planning
- Fire seasons, winds, and fire fuels





COMING

SOON!

Outreach

Translation

Dissemination

Resilient Coastlines



- Regional SLR group outreach
- SLR Science graphics to reach broader audiences
- Highlights need for continued regional science to inform mitigation and adaptation solutions

Climate Smart Water Summit



- October 2018
- Water chapter and adaptation strategies.
- Stormwater and water supply managers, public agency leaders and staff, scientists, NGOs



Climate Science Alliance & CCCIA



- Workshops
- Translating for Southwest Tribal community
- Public-friendly pocket guide
- Climate Kids poster and coloring book
- Modules and activities to be used by schools, aquariums, libraries, zoos etc.
- Art Interpretation



Why State of the Science is a Key Step in Climate Adaptation



*Sets the stage for what
are critical thresholds
for humans, wildlife,
and infrastructure that
will drive adaptation
action and investments*



*Builds buy in and
collaboration between
scientists, policymakers,
community members*

