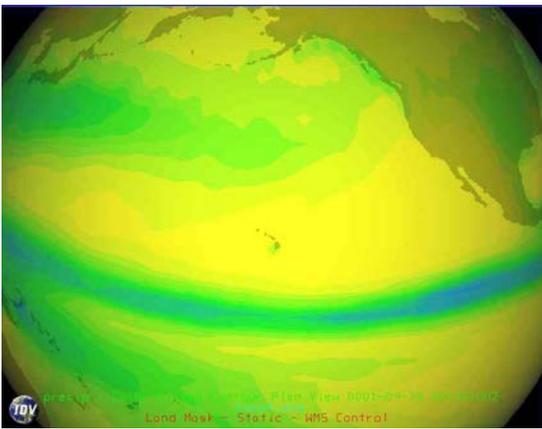


presents the Pacific Climate Science Webinar Series

Mapping Future Climate Change Projections for the Hawaiian Islands during the 21st Century with Oliver Elison Timm

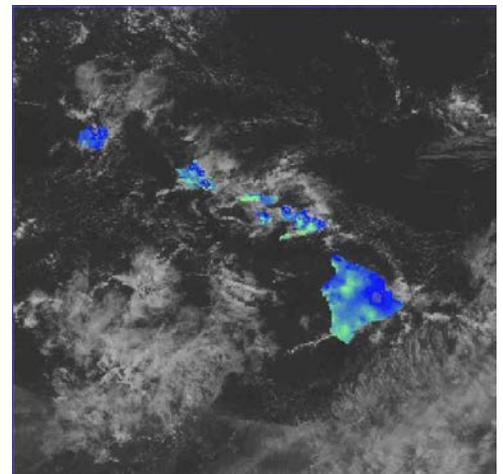
[GO TO MEETING](#)

Tuesday, June 30 at 12:00 HST
[3 PM PDT/ 6 PM EDT/ 10 PM UTC/ July 1, 8 AM ChST]



Hawaii is known as a place of fairly constant weather and climate and yet the annual rainfall can vary significantly from year to year and decade to decade. Drought conditions have seemingly increased in recent years. Rainfall and streamflow data indicate a general downward trend, and trends in the extremes begin to emerge at some locations. Temperatures have been rising at a rate similar or even higher than the global mean temperature during the last 30-40 years. Nonetheless, most prominent in the temperature and rainfall time series data are fluctuations on interannual, decadal, and multidecadal time scales.

These local variations are connected to climate modes in the Pacific ocean-atmosphere system. They constitute an important part of the large-scale natural climate variability in the system. In our statistical downscaling method, these large-scale modes of variability are used as predictors for future local rainfall changes. The idea (and limitations) of this type of statistical downscaling method will be explained in this presentation. Dr. Elison Timm will review the results from the CMIP5 multi-model ensemble downscaling project, interpolated rainfall change data products, and to what extent it is possible to estimate the effects of global warming on severe rainfall event types: the length of dry-spells and the magnitude of extreme daily rainfall amounts.



This webinar will be hosted by WebEx. See information below.

Dr. Elison Timm is a professor in the Department of Atmospheric and Environmental Sciences at University at Albany, NY.
<http://www.atmos.albany.edu/>

Webinar and Call-in Information

Topic: PICSC Webinar---Elison Timm Statistical Downscaling

Date: Tuesday, June 30, 2015

Time: 12:00 pm, Hawaii Time (Honolulu, GMT-10:00)

Meeting Number: 355 511 822

Meeting Password: This meeting does not require a password

About 10 minutes before it is time for the meeting...

1. Go to <https://usgs.webex.com/usgs/j.php?MTID=mcda8d85242b90e40355ec46981dec659>
2. If requested, enter your name and email address.

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