

WECLIMA News 2015-2018

- Gershunov presented and served to train County works for the San Diego County Climate Impacts trainings on Jan 10, 2018. Jan 10, 2018 San Diego County Climate Impacts trainings. Calfire, County stakeholders and decision makers were part of the Training
- Gershunov presented “Global Climate Change: Evidence and Implication for CA” to students at the School of Medicine at UCSD on Jan 30, 2018.
- Gershunov, Clemesha and Guirguis organized and presented at a meeting to discuss the nexus of actionable climate and health research at Scripps Institution of Oceanography in La Jolla, CA on February 5, 2018. Co-I Basu (California Environmental Protection Agency) also attended as well as partners from National Weather Service (NOAA), San Diego, Public Health Services - County of San Diego Health & Human Services Agency, and other County stakeholders. Our stated meeting goals included science updates, stakeholder feedback, and discussion to help steer our science towards being actionable, co-produced, and ultimately relevant for improving health outcomes. To achieve these goals, the meeting was organized roughly into three parts: 1) scientists updated stakeholders on research results, 2) stakeholder partners provided feedback to scientists and highlight their special topics of interest 3) collaborative roundtable discussion of collaborations for the benefit of health outcome in SD County. As an outcome of this original meeting planning has started to organize a summit on climate and public health for stakeholders and the public. Summit planning was discussed at a meeting (Guirguis was in attendance and Gershunov participated remotely) at San Diego Department of health and human services in April.
- Gershunov, Guirguis, and Clemesha presented at the San Diego Climate Summit on March 6, 2018, which focused on climate change in San Diego and implications for local ecosystems. Attendees included representatives from all levels of government (local, state, federal) as well as tribal representatives and conservation managers.
- Guirguis served on a panel discussion on the topic of weather extremes for the inaugural Understanding and Protecting the Planet (UPP) Summit held on May 18, 2018. UPP focuses on communicating environmental change with the goal of creating solutions to improve resilience. The summit was a venue for researchers and community leaders to discuss research priorities and possible collaboration.
- “Weather extremes and health impacts in a changing climate.” Gershunov presented at UCSD's Founders Symposium for the 58th anniversary of UCSD and 50th anniversary of the School of Medicine, at the invitation of the Chancellor Khosla. UCSD School of Medicine 11/14/18
- “Weather extremes in our changing climate”. Gershunov presented to CA State Senator Ben Hueso and his aides. SIO 7/18/18
- Clemesha co-created and carried-out an all women led Science Day focused on the physical sciences on June 3, 2018 for preschoolers at Congregation Beth Am.
- Clemesha presented her research on coastal low clouds to field biologists on San Clemente Island on July 16, 2018.
- Guirguis participated as a panelist at the Inaugural Understanding and Protecting the Planet (UP) Summit held at UCSD on May 17, 2018.
- Gershunov – “Precipitation regime change and Santa Ana winds with impacts on health”. San Diego County Partner Relay Training organized by SD County Health and Human Services Agency. San Diego. 6/12/18
- Gershunov -- Art and science in our changing climate. UCSD Art Department. 5/7/18

- Guirguis presented research on climate change and health with a focus on vulnerable populations in San Diego County, and served on the discussion panel for the Climate Education Partners health-focused presentation and tour held at 2-11 San Diego on January 9, 2017
- San Diego County: The Ecological Impacts of Climate Change on a Biodiversity Hotspot”, California Climate Symposium, January 15, 2017 (presented by Julie Kalanski with Clemesha, Gershunov, and Guirguis as co-authors)
- Clemesha organized a meeting with key personnel, including the Warning Coordination Meteorologist, at the San Diego National Weather Service (NWS). Clemesha presented her research on marine layer clouds and heat waves and the group discussed future collaborations including a peer reviewed publication and presenting this work to the broader NWS audience. Clemesha, Gershunov, and Guirguis participated. March 3, 2017
- “Heat Waves, Human Health, & Disparities in San Diego County”, April 5, 2017, Public Health Research Day, UCSD Institute of Public Health (Gershunov presented keynote oral presentation and Guirguis presented poster)
- Gershunov presented “Weather extremes in a varying and changing climate” to stakeholders from the water resource, ecology and public health sectors. UCLA, April 13, 2017
- Clemesha volunteered at public outreach event, the Balboa Park Earth Fair in San Diego April 23, 2017.
- Guirguis met with San Diego Department of Public Health to discuss topics of climate change and health with the goal of identifying future efforts of collaboration. April 25, 2017
- Gershunov and Guirguis met with San Diego Health and Human Services (SDHHS) on May 8, 2017 to discuss climate change and health and how we can effectively work together to provide scientific information for decision-making purposes with the goal of mitigating health impacts associated with climate change. This is part of a new strategic effort between SIO and SDHHS on Adaptation Planning: Public Health Impacts on Climate Change.
- Gershunov organized and served on a panel discussion on the topic of Health Impacts of Climate Change on May 25, 2017 at the UCSD Great Hall. This public event used art (specifically art created through artist-scientist collaborations) to motivate the discussion and educate the public.
- Clemesha and Gershunov presented and interacted with grade students about climate change, clouds, and waves in the atmosphere at High Tech High School in San Marcos on June 7, 2017.
- Gershunov presented “Weather extremes in California’s varying and changing climate” at the California Department of Public Health in Richmond, CA. Oct. 2017
- Gershunov and Basu participated in a round-table discussion about heat and health at CA EPA in Oakland, CA Oct. 2017.
- Gershunov, Guirguis, and Clemesha presented recent research findings on heat waves, marine layer clouds, and precipitation at the National Weather Service (NWS) San Diego office on Oct. 27, 2017. Attendees included NWS meteorologist, including the new Meteorologist in Charge.
- “A Heat Warning System to Reduce Heat Illness in San Diego County”, American Geophysical Union, December 15, 2016 (presented by Alex Tardy of the National Weather Service with Guirguis and Gershunov as co-authors).
- “California heat waves in the present and future and implications for human health”, December 11, 2015 , UCSD Institute of Public Health (Guirguis presented)

- “Marine Layer Clouds: The Northward March of Summer Low Cloudiness along the California Coast”, November 20, 2015, Centro de Investigación Científica y de Educación Superior de Ensenada, CICESE (Clemesha presented)
- “Downscaling and Understanding Weather Extremes in a Changing Climate”, November 2, 2015, Southwest Climate Summit, Sacramento (Gershunov presented)