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NASA Scientist to Guarantee Global Warming in July 12 Talk at Cal Poly

SAN LUIS OBISPO – NASA scientist Jorge Vasquez will talk about his research and the role of Earth's oceans in global warming in a July 12 talk titled "Global Warming Guaranteed: It's All About Watching the Oceans!" at Cal Poly.

The lecture is free and open to the public. It will begin at 7:30 p.m. in Room 123 of the Agricultural Engineering Building (Building 8).

Vasquez is a researcher and task scientist for the Physical Oceanography Distributed Active Archive Center (PO.DAAC) at NASA's Jet Propulsion Laboratory. The center serves as the central clearinghouse for measurements of ocean wind speed and direction, ocean height, and sea surface temperature made by NASA satellites.

Global warming is all but guaranteed, judging by data being gathered now about Earth's ocean temperatures, according to Vasquez. Per cubic centimeter, oceans store 1,000 times more heat than air, and ocean temperature is a major indicator of climate change.

Vasquez' research involves trying to improve the quality of the sea surface temperature data being collected by NASA. Vasquez and his project have provided valuable data to the Intergovernmental Panel on Climate Change.

His talk is sponsored by the Cal Poly Center for Excellence in Science and Mathematics Education (CESaME), the Central Coast Science Project (CCSP), and NASA's Jet Propulsion Laboratory. Contact *cesame@calpoly.edu* for further details.

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