

UC SANTA BARBARA

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## **Global Warming to be the Focus of UCSB Affiliates 'Science Lite' Lecture**

David W. Lea, a professor of earth science at UC Santa Barbara, will discuss global warming and the challenges it poses to society in a UCSB Affiliates Science Lite lecture on October 23.

Experts agree that global warming has the potential to impact nearly every aspect of modern life. Some have argued that action must be taken within the next 10 years to prevent dangerous climate changes associated with the build up of anthropogenic greenhouse gases. Still, controversy continues about virtually all aspects of global warming, from the science behind it to the political alliances forged around it, to how we as a society should respond to it.

Lea will discuss the major issues surrounding global warming, including its potential impact on the world's climates, steps individuals and societies can take to alleviate it, and the consequences of inaction.

His presentation will begin at 7:30 p.m. at the First Presbyterian Church Fellowship Hall at 21 E. Constance Avenue in Santa Barbara. The cost of the lecture is \$8 for UCSB Affiliates, Environmental Associates, and Chancellor's Council Members; and \$10 for non-members. Contact the UCSB Office of Community Relations at 893-4388 to register, as space is limited.

A specialist in the fields of paleoclimatology, paleoceanography, and marine geochemistry, Lea has particular interests in climate changes in the tropical oceans.

Using evidence found in glacial deposits, fossils, and sediments, Lea studies past climate change and how it relates to modern global warming. He is a member of the American Association for the Advancement of Science (AAAS), Geochemical Society, and American Geophysical Union, for which he has served as Secretary of the Paleooceanography and Paleoclimatology Focus Group. He was a Guggenheim Fellow and Leverhulme Visiting Professor at the University of Cambridge in 2002-2003.

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## **About UC Santa Barbara**

The University of California, Santa Barbara is a leading research institution that also provides a comprehensive liberal arts learning experience. Our academic community of faculty, students, and staff is characterized by a culture of interdisciplinary collaboration that is responsive to the needs of our multicultural and global society. All of this takes place within a living and learning environment like no other, as we draw inspiration from the beauty and resources of our extraordinary location at the edge of the Pacific Ocean.