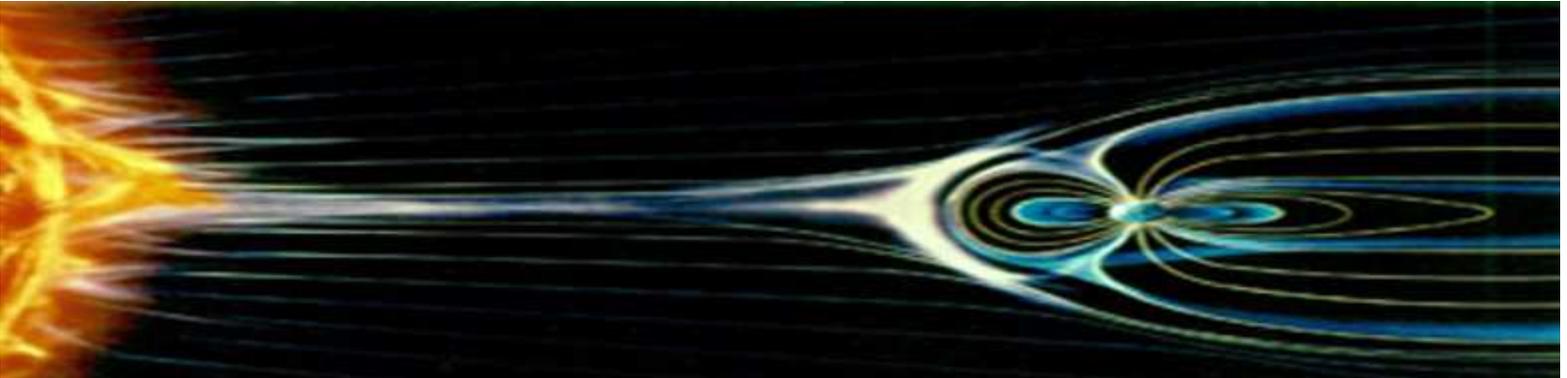


**Jack Venrick**

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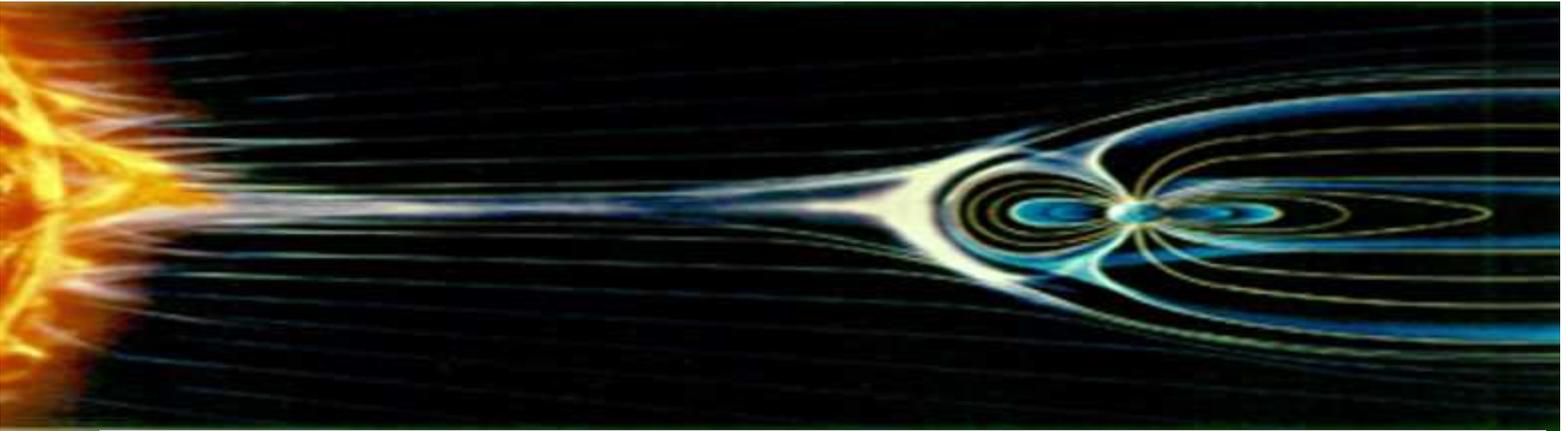
**From:** "Jack Venrick" <jacksranch@skynetbb.com>  
**To:** "AJack R. Venrick" <jacksranch@skynetbb.com>  
**Sent:** Monday, October 20, 2008 5:57 PM  
**Subject:** Brown Geology Team Find Steady Pattern of Cooling - One Degree C Per Million Years



***Dear Washington House, Senate, White House, Property Owners, Media, Freedom Freedom Organizations, Friends, WEC, LiberalLeagueOfWomenVoters, King County Council, Washington Department of Natural Resources:***

***How many times do we property owners and non government independent science science have to say "global warming" is a contrived Eco-political distortion of a few years of natural warming on a 4.6 billion year old planet with a history of of radical cycles of change. Stealing our sacred constitutional rights and private private property through over reaching government regulation such as CAO, GMA, GMA, Eminent Domain, Open Space, Agriculture Preservation Act, Endangered Endangered Species Act, abusive police state enforcement via King County DDES DDES and County and State government court forcing tactics of our land into the the hands of green government and radical environmentalist is the height of Hollywood, media and pandering government ignorance.***

***This gang green who hides behind fish, trees, water, fowl, urban and rural growth growth elite planning and blames fossil fuel, real-estate developers, farmers, ranchers and rural land owners, are living in a land of Oz. They transfer blame of blame of complex natural and government mismanagement to private property owners. They transfer their hate of progress into a green cult depriving every free free American citizen of their life, liberty and pursuit of happiness. They are pushing US back into the dark age. Government needs to get out of the middle of of this debate and recuse itself. Government is aiding and abetting the stealing of America's freedom's for contrived empty unfounded distortions of science.***



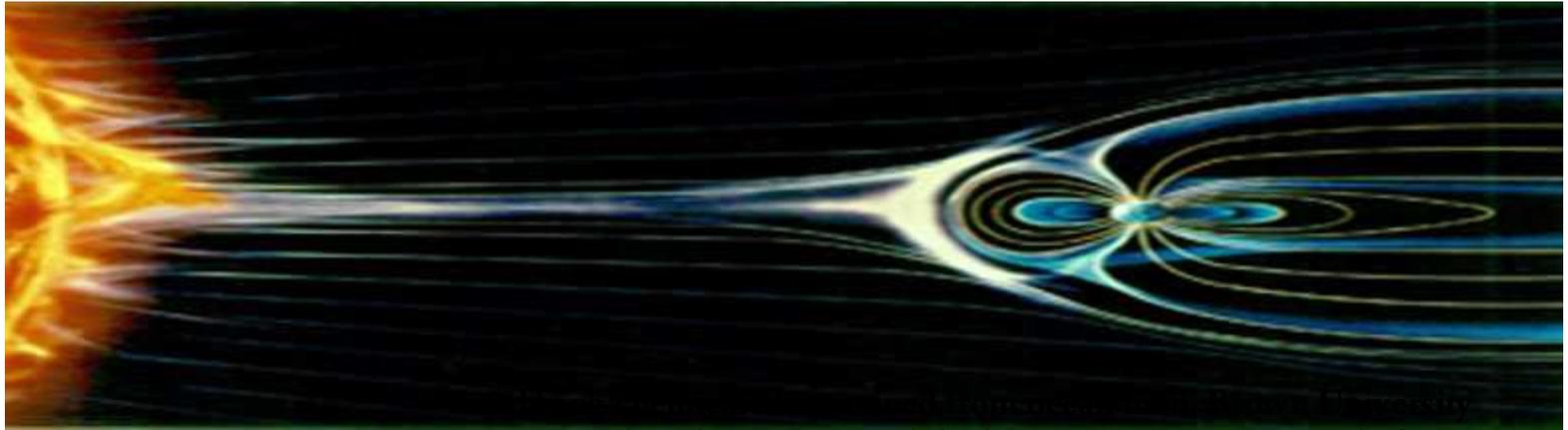
***Get out and sign The Property Fairness Initiative I-933 and contribute generously to your local property rights groups and Farm Bureau and free US from the shackles of Eco-terrorism and green government takings of our freedoms. Sign the County Choice Initiative I-932 and get us out of the most corrupt county in the nation, King County.***

***Jack & Stephanie & Mother Dorothy Venrick (95 Years Old)  
Fed Up Rural & Urban Property Owners***

<http://www.brown.edu/>

*Posted: April 11, 2006*

**Brown University Geologists  
Create 5-million-year Climate  
Record**



researchers have generated the longest continuous record of ocean temperatures on Earth.

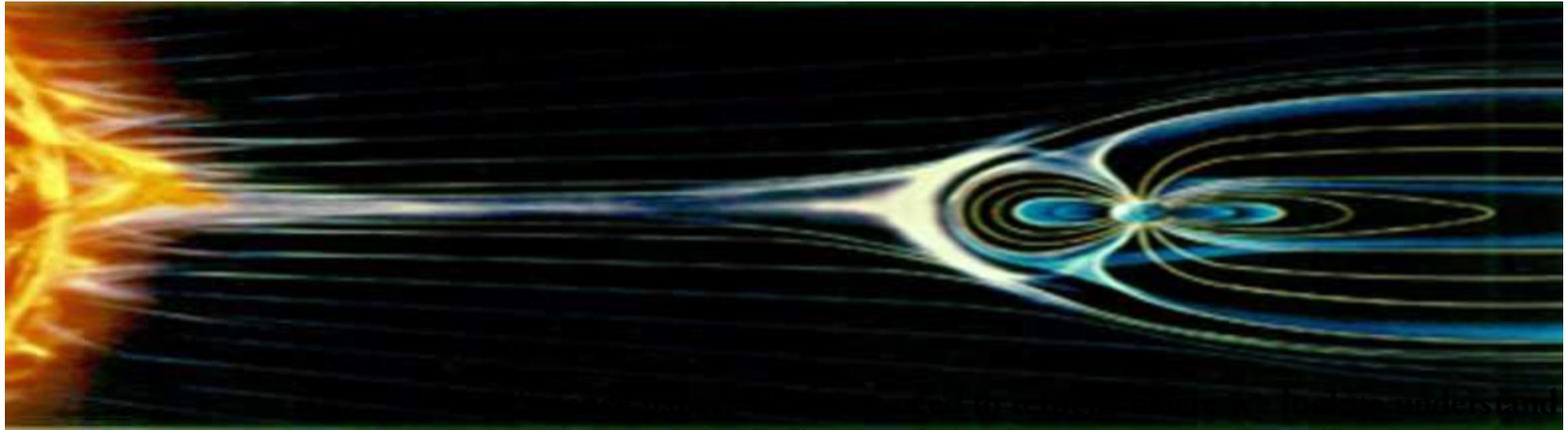
The 5-million-year record is a history of temperatures in the eastern equatorial Pacific, or EEP, located off the coast of South America. The area is an anomaly – a huge swath of cool water in the tropics – that plays an important role in global climate. In the EEP, trade winds pull nutrient-rich cold water to the surface, which makes for fertile fisheries off the coasts of Peru, Chile and Ecuador. The interplay of wind and water can also fuel El Niño events, a large-scale warming in the EEP that slows the upwelling of cold water and forces changes in weather, such as droughts or floods, far from the tropical Pacific.

In the EEP, the Brown geology team found that surface temperatures were 27° C 5 million years ago. Surface temperatures are 23° C today. In between, they found a pattern of steady cooling – roughly one degree Celsius every million years.

This finding, published in *Science*, contradicts the long-standing notion that rapid glacier growth in the high northern latitudes about 3 million years ago alone set off dramatic cooling of the global climate. The finding shows instead that glaciations was part of a long-term cooling trend.

The climate record suggests that ocean regions near Antarctica were the main driver of EEP cooling by continuously pumping cold water into the area. This finding was bolstered by additional evidence that glacial cycles affected the tropical Pacific long before the advent of large ice sheets in the Northern Hemisphere.

“The Southern Hemisphere, not the Northern Hemisphere, more likely had a stronger effect on temperature and productivity in the eastern Pacific,” said Kira Lawrence, a graduate student in the Department of Geological Sciences and the lead author of the *Science*



understand the evolution of climate over the past 5 million years.”

Lawrence, post-doctoral research fellow Zhonghui Liu, and Professor Professor Tim Herbert used sediment cores pulled from hundreds of meters below the surface of the Pacific by a ship operated by the Ocean Drilling Program, an international research organization. Moving down the cores, collecting small samples of gray mud, scientists can go back in time. The end result: Thousands of glass vials filled with climate history.

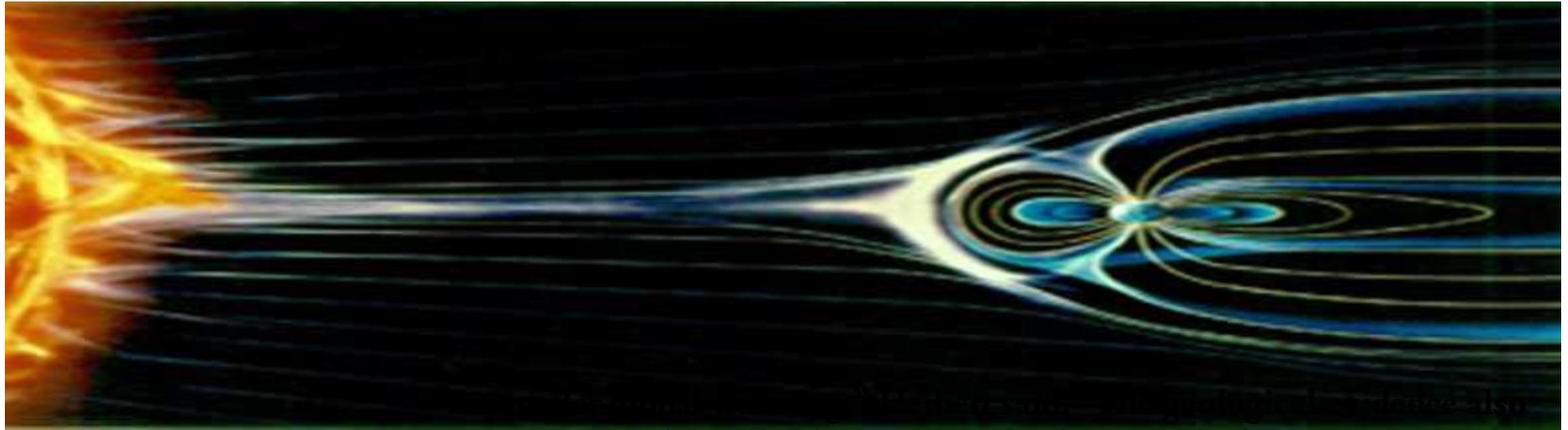
But how do you extract history from mud? The answer was found in tiny marine fossils.

To date the sediments, the geologists analyzed fossils and traces of oxygen trapped in the shells of microscopic ocean organisms. To get temperatures, the Brown team looked to algae, infinitesimal surface-dwellers that produce fatty compounds called alkenones. Algae crank out two kinds of alkenones depending on the surrounding water temperature. When water is cooler, algae make more of one kind. When water is warmer, they produce more of another. By carefully measuring the amount of these alkenones in each sample, researchers were able to calculate past surface temperatures.

The resulting 5-million-year timeline might have a practical use. Scientists trying to predict future climate change may use the data in computer simulations that model natural climate variability as well as as predict the impact of accelerated warming due to greenhouse gas emissions.

Herbert said the work has other implications for understanding climate change.

“Results from the past prove that it is possible for the EEP to exist in in a kind of permanent El Niño state, which would have immense climate and biological repercussions if it were to happen again under



**suggests that to predict warming in the EEP, the key ocean region to monitor is near Antarctica.”**

**The National Science Foundation and the Geological Society of America funded the work.**

**Can't find it? Try searching *ScienceDaily* or the entire web with:**