

**AMERICAN METEOROLOGICAL SOCIETY
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AMERICAN METEOROLOGICAL SOCIETY - NOVEMBER SCIENCE HIGHLIGHTS

Following are a few story ideas and tips about upcoming AMS meetings, papers in our nine peer-reviewed journals, and other happenings in the atmospheric and related sciences community.

More on Hurricanes and Global Warming. The November issue of the *Bulletin of the AMS* contains a paper on hurricanes and global warming by Roger Pielke Jr., Chris Landsea, Max Mayfield, Jim Laver and Raul Pasch. The interdisciplinary team of researchers takes a closer look at the peer-reviewed literature to assess the relationships between global warming, hurricanes, and hurricane impacts. The issue also contains other articles and footnotes on the devastating storm. For a PDF file of the "Nowcast" section and/or the paper, contact Stephanie Kenitzer.

Fossil Fuel Consumption Sends Temperatures Soaring. If humans continue to use fossil fuels in a business as usual manner for the next several centuries, the polar ice caps will be depleted, ocean sea levels will rise by seven meters and median air temperatures will soar 14.5 degrees warmer than current day, according to a paper in the Nov. 1 issue of the *Journal of Climate*. For a copy of the paper contact Stephanie Kenitzer.

Sorry about the short notice on this one... the next AMS Environmental Science Seminar on Capital Hill is scheduled for tomorrow **Wednesday, November 16** from **11:30 -1:30 p.m.** in the Cannon House Office Building, Cannon Caucus Room. The topic is Vertical Temperature Profile. The seminar will explore the most recent advances in our understanding of the observed changes in Earth's vertical temperature profile; why is it important to measure the changes in Earth's vertical temperature profile with some degree of confidence, if ground-based measurements of surface temperature changes already exist; are observations of surface and atmospheric temperature change consistent with the latest computer model results; and what do these new observational datasets and climate model results tell us about the possible causes of recent temperature changes? Speakers are Dr. Ben Santer, Atmospheric Scientist, Lawrence Livermore National Laboratory (LLNL), U.S Department of Energy, Livermore, CA; Dr. Steven Sherwood, Associate Professor, Department of Geology and Geophysics, Yale University, New Haven, CT; and Dr. Carl A. Mears, Senior Scientist, Remote Sensing Systems Company, Santa Rosa, CA.

For information on the AMS Policy Program and the Environmental Seminar Series see <http://www.ametsoc.org/atmospolicy/index.html>

The Next Seminar is scheduled for Wednesday, December 14, 2005. **Topic: Are We Adequately Prepared for the Future: Selected Lessons from Recent Natural Disasters?**

Meeting Mania. The AMS 86th Annual Meeting is just a few short weeks away. The meeting will be in Atlanta from January 29-February 3, 2006. The program features space weather, climate change, hurricane Katrina and much, much more. The program is online at <http://www.ametsoc.org/meet/annual/> Press registration is also online at <http://www.ametsoc.org/meet/annual/newsroom.html>

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The AMS (<http://www.ametsoc.org>) is the nation's leading professional society for those in the atmospheric and related sciences.