

**AMERICAN METEOROLOGICAL SOCIETY
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**FOR IMMEDIATE
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AMERICAN METEOROLOGICAL SOCIETY – MAY SCIENCE HIGHLIGHTS

Following are 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.

Greenland Ice Sheet, Arctic Sea Ice and the Antarctic

The next AMS Environmental Science Seminar on Capital Hill is scheduled for Wednesday, May 3, 2006 from 12-2 p.m. in Room 428 of the Russell Senate Office Building. The topic is *Changes in the Greenland Ice Sheet, Arctic Sea Ice and the Antarctic: A Status Report*. The speakers are Dr. H. Jay Zwally, ICESat Project Scientist, National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD; Dr. Wieslaw Maslowski, Research Associate Professor, Department of Oceanography, Graduate School of Engineering and Applied Sciences, Naval Postgraduate School, Monterey, CA; and Dr. Richard B. Alley, Evan Pugh Professor of Geosciences and Associate of the Earth and Environmental Systems Institute, Pennsylvania State University, University Park, PA. The public is invited. For more information see <http://www.ametsoc.org/atmospolicy/index.html>

Diet Energy and Global Warming

A paper in the current issue of the AMS' *Earth Interactions* takes a closer look at the relationship between rising global mean temperatures and diet. The authors, Gidon Eshel and Pamela Martin of the University of Chicago, compare the energy consumption of animal- and plant-based diets and, more broadly, the range of energetic planetary footprints spanned by reasonable dietary choices. They show that the greenhouse gas emissions of various diets vary by as much as the difference between owning an average sedan versus a sport-utility vehicle under typical driving conditions. The authors conclude with a brief review of the safety of plant-based diets, and find no

reasons for concern. For a copy of the paper, contact Stephanie Kenitzer at Kenitzer@ametsoc.org

Taking A Look Back at the 2004 Hurricane Season Forecasts

Past storms and storm seasons provide tremendous research opportunities for meteorologists around the world. In this paper in the April issue of the *AMS' Weather and Forecasting* James Elsner and Thomas Jagger, of Florida State University in Tallahassee, Florida, provides a comparison of hindcasts for the 2004 hurricane season made from current operational methods. In their paper they summarize and compare the relevant studies identifying the climate factors important for seasonal forecasts of regional hurricane activity. In doing so, they have described a methodology for building useful seasonal forecast models. For a copy of the paper contact Stephanie Kenitzer at Kenitzer@ametsoc.org

Agricultural and Forest Meteorology Take Center Stage

The 17th Symposium on Boundary Layers & Turbulence, the 27th Conference on Agriculture & Forest Meteorology and the 17th Conference on Biometeorology & Aerospace Meteorology will take place May 22-25 at The Catamaran Resort Hotel, San Diego, CA. For the complete program see <http://www.ametsoc.org/MEET/fainst/2006BLTAgFBioA.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.