

State Climatologists Issue Policy on Climate Change

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During the summer 2001 annual meeting of the American Association of State Climatologists (AASC), it was decided that a policy statement by this organization on climate was needed. This community, which provides climate service to individual states and regions, had here to fore not provided its view on the subject of climate prediction capabilities and climate services.

Among the major conclusions of the resulting policy statement is that our ability to skillfully

predict the future climate, due to both natural causes and human forcings, is limited to approximately a season or so. The policy also states that monitoring and assessments of societal and environmental vulnerability to climate variability and change are the topics which should be emphasized, in terms of the allocation of resources in this area.

The policy statement, which was accepted nearly unanimously by the voting members, can be found at <http://lwf.ncdc.noaa.gov/oa/climate/aasc.html>.

The AASC is the professional organization for state climatologists in the United States. Each state climatologist is appointed in his or her respective state to provide expertise on issues associated with climate. The state climatologists collaborate with the National Oceanic and Atmospheric Administration's six Regional Climate Centers and the Department of Commerce's National Climatic Data Center (NCDC), located in Asheville, North Carolina.

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G E O P H Y S I C I S T S

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In Memoriam

Thomas V. McEvelly died on 22 February 2002, at age 67. He was an AGU Fellow (Seismology) who joined in 1957.

John D. Mihalov died on 15 January 2002, at age 64. He had been an AGU member (Heliospheric Physics) since 1961.

David J. Varnes died on 3 February 2002, at age 82. He had been an AGU member (Seismology) since 1991.

Recent Ph.D.s

Geodesy

A continuous low-cost GPS-based volcano deformation monitoring system in Indonesia,

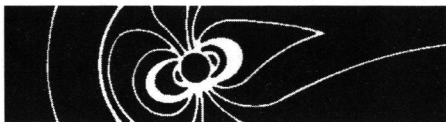
Craig Roberts, University of New South Wales, Sydney, Australia, Chris Rizos, Hasanuddin Z. Abidin, Peter Morgan, March 2002.

Space Physics

Space physics transport phenomena of anomalous cosmic rays during the recovery phase of Solar Cycle 22, **Matthew E. Hill**, University of Maryland, College Park, Douglas C. Hamilton, December 2001.

SECTION NEWS

SPACE PHYSICS & AERONOMY



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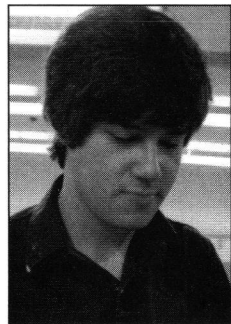
Section President, John T. Gosling; **Section Secretaries,** Nancy U. Crooker, Robert R. Meier, Terrance G. Onsager

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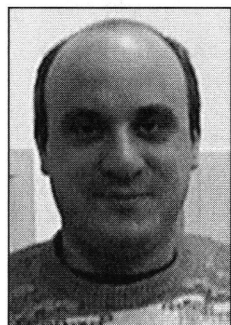
Outstanding Student Paper Awards

The Space Physics & Aeronomy Section presented fifteen outstanding student paper awards at the 2001 Fall Meeting last December, in San Francisco, California.

Johnathan K. Burchill presented a poster titled "Comparison between ion bulk flows and $E \times B$ drifts in the topside ionosphere." Johnathan received his B.Sc. (Physics Honours) from the University of New Brunswick in 1995, and his M.Sc. in physics

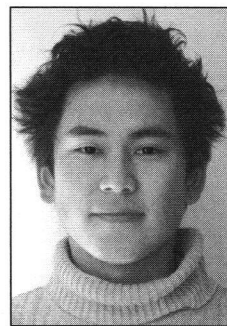


Peter A. Damiano presented a poster titled "Hybrid MHD-kinetic model of a field line resonance in a dipolar geometry." Peter received his B.Sc. in physics from The University of Western Ontario, and his M.Sc. in atmospheric physics from Dalhousie University. He is currently a Ph.D. candidate in space physics at the University of Alberta working with R. D.



Sydora and J. C. Samson. Peter's research involves using plasma simulation techniques to study wave-particle interactions in field line

from the university in 1997. He is presently a Ph.D. candidate in space physics at the University of Calgary working with D. J. Knudsen. Johnathan's research interests include wave-particle interactions in the high-latitude ionosphere.



resonances, which may lead to electron acceleration and discrete auroral arc formation.

Yoshifumi Futaana presented a poster titled "Non-thermal ions with partial ring structure upstream Moon." Yoshifumi received his B.S. in space physics from Kyoto University in 1998, and a M.Sc. in space physics from the same school in 2000. He is currently working toward a Ph.D. in space physics under the supervision of Shinobu Machida at Kyoto University. Yoshifumi's research interests include the planetary ionosphere and magnetosphere, especially the interaction with the solar wind.

Janet C. Green presented a paper titled "Relativistic electron acceleration: A comparison of two models." She is currently working toward her Ph.D. at the University of California, Los Angeles, with her advisor Margaret Kivelson. Her research focuses on understanding how relativistic electrons are accelerated in the Earth's outer radiation belt.

