

EDITORIAL

Dr. Marvin L. Wesely, an editor of the *Journal of Applied Meteorology (JAM)*, died on 20 January 2003. Marv had been an editor of *JAM* for two years. He capably and competently handled papers in surface and boundary layer meteorology, air pollution, and atmospheric chemistry. Marv's tenure as editor was notable for his commitment to the journal's high standards and his efforts to enhance the value of the editorial process for authors.

Marv started his career at the University of Nebraska at Lincoln. He received a bachelor of science degree with high distinction in 1965 in technical agronomy. Thereafter, he attended the University of Wisconsin—Madison, where he received master of science and doctor of philosophy degrees in soil science in 1968 and 1970, respectively. Marv joined the Argonne National Laboratory (ANL) in 1973. He served in many leadership roles, including head of the Atmospheric Research Section since 1981 and chief scientist of the Department of Energy (DOE) Atmospheric Chemistry Program since 1995. In 2002 he was chairman of the Technical Advisory Committee of the DOE's National Institute of Global Environmental Change efforts. His groundbreaking work led to many awards, including The University of Chicago Distinguished Performance Award in 1987 and the recent American Meteorological Society (AMS) Editor's Award for *JAM* in 2000.

Marv was highly regarded for his work in boundary layer meteorology and his particularly wide range of interests in interactions between the lower atmosphere and the surface. Much of his work focused on studies of how surface properties influenced exchanges of energy, momentum, gases, and particles with the atmosphere. He was internationally respected for his pioneering work in dry deposition of pollutants to the surface. Evapotranspiration processes in watersheds, the influence of vegetation on chemical and particle exchanges, and studies of surface moisture effects on exchange rates are among the many research topics for which he was well known. He was particularly well versed in and published many papers on measurement techniques, and he made significant contributions to the development of instrumentation for field experiments in locations ranging from the Atmospheric Boundary Layer Experiments site in the Walnut River watershed in Kansas to Manus Island in the Pacific Ocean. As a testament to both the breadth of his scientific interests and his respect in the scientific community, he coauthored papers with more than three dozen scientists in a span of more than 30 years.

The editorial staff at *JAM* extends our deepest sympathy to Marv's family and friends. His expertise and energetic spirit will be missed by all of us. During Marv's illness, Dr. Richard L. Coulter and Ms. Rebecca Spencer of ANL assisted Marv with *JAM* editorial duties. Since Marv's passing, they have continued to work with *JAM*, seeing through to a final decision the manuscripts originally assigned to Marv. The Publications Commission of the AMS thanks Rich and Rebecca for their dedicated service to the *JAM* community.

The editorial staff at *JAM* has worked quickly to fill Marv's editorial position so that *JAM* continues the record of excellence to which Marv contributed so much. We are happy to welcome our new editor, Dr. Shiyuan (Sharon) Zhong, to the editorial staff. Doctor Zhong is an associate professor at the University of Houston. Before joining the faculty, she was a senior research scientist at the Pacific Northwest National Laboratory. Her expertise encompasses the areas of boundary layer turbulence, pollutant transport and dispersion, valley and mountain circulations, air quality, and mesoscale numerical models. We look forward to working with Dr. Zhong in the coming years as we strive to maintain the reputation *JAM* has earned through the dedication and efforts of scientists like Marv.

Robert M. Rauber

Chief Editor

Michael Garstang

Chief Editor Emeritus

David A. R. Kristovich

Editor