

EDITORIAL

Announcement of a Special Issue of the Journal of Applied Meteorology on Atmospheric Technology

From its inception, the *Journal of Applied Meteorology* has maintained an editorial policy which encourages the publication of manuscripts dealing with instrumentation systems and related subjects. However, in recent years the inside cover of the JOURNAL has not explicitly cited the term "instrumentation" in the description of research topics suitable for publication. This omission may have led some potential contributors to erroneously conclude that instrumentation papers were no longer appropriate for the JOURNAL. This omission has now been corrected.

The *Journal of Applied Meteorological* is the primary medium of the American Meteorological Society for the publication of results of research on atmospheric technology. To underscore this publication role, the new editorial board of the JOURNAL announces a special issue on ATMOSPHERIC TECHNOLOGY for the first quarter of 1983. Manuscripts intended for this special issue should be submitted to Dr. Bernard A. Silverman, Co-Chief Editor, P.O. Box 2857, Littleton, CO 80161. Quality papers that have progressed through the review process and are accepted for publication by 1 December 1982 will be included in the special issue.

The field of atmospheric technology includes virtually all technological aspects of the atmospheric sciences, particularly as related to measurements and the consequent interpretation of natural processes. Included are instruments and complex measurement systems borne by satellites, aircraft, balloons, ships and land-based platforms. Appropriate topics cover much more than the sensors themselves. Development of data acquisition hardware, real-time and post-analysis software, and signal processing techniques are examples of publishable research. In short, articles featuring instrument system descriptions, exploratory measurement techniques, deployment strategies, calibration methods, performance analyses, and intercomparison studies constitute the mainstream of atmospheric technology. These articles should be important sources of information from which investigators may better understand the capabilities and limitations inherent in the tools they use.

Manuscripts dealing with topics in atmospheric technology are invited for the regular monthly issues of the JOURNAL as well as the special issue announced herein.

Bernard A. Silverman
Co-Chief Editor