

THE EDITORIAL PAGE

Welcome, Journal of Physical Oceanography

Even the most casual students of meteorology and oceanography have long recognized that the atmosphere and oceans of planet Earth do not operate independently of one another. From the obvious common participation in the hydrologic cycle to the more subtle and complex mechanisms of ocean currents and atmospheric climates, the interactions of air and water are real and far-reaching in their consequences. The recently announced addition of the JOURNAL OF PHYSICAL OCEANOGRAPHY to the scientific journals of the AMERICAN METEOROLOGICAL SOCIETY is a welcome opportunity for more comprehensive reporting of research and development in these areas of common interest.

Applied meteorology should profit handsomely from the concerted efforts now underway to define more precisely the effects of ocean-atmosphere processes on weather developments and forecasting, on exchange processes for pollutants as well as water vapor and nuclei, and on combined wave and wind loadings on fixed and mobile structures, to name only a few examples. Coordinated publication of research and development results will help assure that these results are brought to a useful state as expeditiously as possible.

JAM extends a most cordial welcome to JPO and its distinguished editor, Prof. Robert O. Reid, and wishes them well in the important tasks ahead.

Glenn R. Hilst, EDITOR