

## Editorial

We are delighted to bring you this first issue of the *Journal of Atmospheric and Oceanic Technology*. The emergence of this journal is a clear indication of the increasingly important role that technology is playing in advancing our knowledge of the atmosphere and the oceans. The combination of *Atmospheric* and *Oceanic Technology* in this journal is testimony to the close coupling that exists between the atmosphere and the oceans, and the growing recognition that ocean-atmosphere interactions are central to understanding better the earth's climate, meteorology in coastal regions, and atmospheric and oceanic chemical balances.

Modern technology is an integral and essential component of atmospheric and oceanic science and the operational services. Sensor development, remote sensing techniques, instrument and data management systems all contribute to our ability to study and monitor the environment. Atmospheric and oceanic technology are applied technologies that take full advantage of fundamental developments in the physical, chemical and engineering sciences. Some applications are specialized in nature, and some evolve into systems for the operational services. Involved throughout is a continuous process of technology transfer.

The *Journal of Atmospheric and Oceanic Technology* (nicknamed *JTech*) provides you, the members of the meteorological and oceanic communities, with a forum for presenting your technological results to an audience that is directly involved in their use. We feel that *JTech* will stimulate communications among engineers, meteorologists, oceanographers, physicists and chemists, and will assist therefore in the technology transfer that is essential to our fields. We are dedicated to the success and growth of *JTech* and solicit your assistance in helping to achieve this aim. Our associate editors and we are most anxious to receive your submissions to *JTech*. Equally important, we welcome your comments and suggestions for improvements to the journal that will guarantee the high professional standards characteristic of other journals published by the Society.

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