

Editorial

The 34th volume of *Tellus* is being published this year. During these almost three and a half decades, the geophysical sciences have undergone a remarkable development. The original aims in starting the publication of *Tellus*, as envisaged by C.-G. Rossby in the late 1940's, were the further development of interdisciplinary research between the different geophysical sciences, and at the same time, the careful application of the fundamental sciences of mathematics, physics and chemistry to studies of our environment. In spite of a limited number of pages per year, a contribution of this kind has been accomplished in the intervening years.

Since the 1960's, there has been an increasing number of papers in the fields of meteorology, oceanography, atmospheric chemistry, marine chemistry and associated fields, while other disciplines of geophysics have gradually almost disappeared. The Swedish Geophysical Society wishes to recognize this fact and to define more precisely the fields to be covered by *Tellus* in the future.

It has therefore been decided to establish two parallel series of *Tellus* from January 1983. These two series are:

A. *Dynamic meteorology and oceanography*

This series will encompass dynamic meteorology and oceanography, including synoptic meteorology, weather forecasting, dynamic climatology, and theoretical and experimental fluid mechanics of geophysical relevance.

B. *Chemical and physical meteorology*

This series will focus on air chemistry, long-range and global transport, aerosol science, cloud physics and biogeochemical cycles including related aspects of marine chemistry and geochemistry.

In order to carry on C.-G. Rossby's ideas, interdisciplinary research contributions will be particularly welcome.

The present 6 annual issues will increase to 10, divided into 5 issues for each series. They will appear alternately every month except June and December. By increasing the total number of pages we also wish to further reduce the publication delay time. Professor Bert Bolin will serve as editor for series A and Professor Henning Rodhe for series B. Dr. Harald Lejenäs will be the executive editor for both series. We expect that the normal subscription will include both series; however, it will also be possible to subscribe to just one series.

In this way, the Swedish Geophysical Society wants to play an even more active rôle in the field of scientific publication. By defining the subject areas more specifically, authors, readers and libraries will be assisted in finding what they want in the ever-increasing flow of scientific publications. We shall strive to maintain a high quality of published papers and hope that *Tellus* will become a yet better forum of publication in the specified fields. We would like to see you joining us in this undertaking by subscribing to *Tellus* and by submitting interesting contributions for publication in it.

The Editors