

Editorial

The 44th volume of *Tellus* will be published this year. C.-G. Rossby, who initiated the publication of *Tellus*, envisaged a wide interdisciplinary forum for exchange of research achievements in the geophysical sciences, characterized by judicious application of basic mathematics and physics as well as chemistry. A notable development has taken place in the area of geophysical sciences since the late 1940s. This development has also been reflected in the contents of *Tellus*; papers in the fields of meteorology, oceanography, atmospheric chemistry and associated fields have gradually become featured, while other disciplines of geophysics have transferred to other journals. The remarkable expansion of these fields implies that the interdisciplinary character of *Tellus* has not lessened, but rather, that Rossby's ideal has been furthered and amplified under Professor Bert Bolin's editorship. The establishment of the two parallel series, *Tellus A* and *Tellus B*, that the Swedish Geophysical Society decided on nine years ago, is an expression of this dynamic development.

With Bolin's retirement, which may have been clear to readers of *Tellus*' special issue dedicated to Bert Bolin, August–September 1991, the Swedish Geophysical Society has appointed Professor Hilding Sundqvist as editor of series A. The endeavour to maintain a high quality of published

papers and to keep up to date with scientific evolution will be vigorously continued.

The theme of *Tellus A* will continue to be *Dynamic meteorology and oceanography*. The series will encompass dynamic meteorology and oceanography, including numerical modelling, synoptic meteorology and weather forecasting, and dynamic climatology. With regard to the growing attention paid to the latter topic, it is expected that we will experience an increasing number of papers on climate analysis and climate modelling, including the problem of parameterization of relevant processes. Such processes do indeed represent a wide range of disciplines in this context, implying that interdisciplinary research contributions will continue to be part of this journal's contents—a prospect that is welcome.

Professor Henning Rodhe continues as editor of series B and Dr. Harald Lejenäs continues as executive editor of both series. The two series each comprise five issues per year. We look forward to your help in maintaining a wide distribution of *Tellus* by subscribing to it. We anticipate that the normal subscription would include both series; however, it is also possible to subscribe to only one. Finally, we would like to welcome your submissions of interesting contributions for publication in this journal; in this way, you will help us to maintain the high quality of *Tellus*.

Hilding Sundqvist