

Foreward

This volume is the proceedings of “The Fifteenth Symposium on Coordinated Observations of the Ionosphere and the Magnetosphere in the Polar Regions” which was held at the National Institute of Polar Research (NIPR) on January 28–29, 1992. The NIPR annual symposia are devoted to discussing significant scientific results of studies on the ionosphere and the magnetosphere in the polar regions. The fifteenth symposium consisted of following ten oral and poster sessions: 1) Solar wind-magnetosphere interaction, 2) Magnetospheric disturbances, 3) Magnetosphere-ionosphere coupling I, 4) Magnetosphere-ionosphere coupling II, 5) Polar patrol balloon experiment, 6) ELF/VLF/HF plasma waves, 7) Aurora, 8) ULF waves, 9) Red aurora, and 10) Future programs.

The present volume contains 12 selected scientific papers among 63 individual contributions presented at the symposium. It is hoped that this Proceedings of the NIPR Symposium on Upper Atmosphere Physics will be valuable to those who are interested in the ionospheric and magnetospheric phenomena in the polar regions and also to those who are concerned with Antarctic research activities.

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