

Foreword

This volume is the proceedings of “The Nineteenth 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 November 21–22, 1995. The NIPR annual symposium is devoted to discussing significant scientific results of studies on the ionosphere and the magnetosphere in the polar regions. The nineteenth symposium consisted of following oral and poster sessions: 1) Auroral observations, 2) Thermosphere and middle atmosphere, 3) Satellite and rocket observations, 4) HF/VHF radars, 5) Modeling and computer simulations, 6) Pulsations and wave phenomena, 7) Substorm and 8) Geomagnetic conjugate observations.

The present volume contains 12 refereed scientific papers and one research note. In addition to those, 11 extended abstracts are included. They are the outcomes from 59 individual contributions presented at the symposium. It is hoped that this will be valuable to those who are interested in the ionospheric and magnetospheric physics in the polar regions and also to those who are concerned with Antarctic research activities.

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