

## Foreword

This is the third volume of the “Advances in Polar Upper Atmosphere Research (APUAR)” which succeeded the “Proceedings of the NIPR Symposium on Upper Atmosphere Physics” and includes papers presented at or related to “The Twenty-fourth Symposium on Coordinated Observations of the Ionosphere and the Magnetosphere in the Polar Regions” held at the National Institute of Polar Research (NIPR) in August, 2000. The annual Symposium is devoted to discuss significant scientific results of studies on the ionosphere and the magnetosphere in the polar regions. The journal extensively accepts contributed papers which do mark the advance of research works on the polar upper atmosphere physics in recent years.

The present volume contains 15 refereed scientific papers, research notes, reviews and reports. It is hoped that this will be valuable to those who are interested in the polar ionospheric and magnetospheric physics and also to those who are concerned with Arctic and Antarctic research activities.

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