

Editorial Board

Editor-in-Chief: Takeo HIRASAWA, *National Institute of Polar Research (NIPR)*

Editors: Masaki EJIRI, *NIPR*

Ryoichi FUJII, *Nagoya University*

Mitsuo FUKUCHI, *NIPR*

Yoshikuni HIROI, *Chiba University*

Katsutada KAMINUMA, *NIPR*

Kokichi KAMIYAMA, *NIPR*

Shun'ichi KOBAYASHI, *Niigata University*

Satoru KOJIMA, *Toyama University*

Osamu MATSUDA, *Hiroshima University*

Yasuhiko NAITO, *NIPR*

Nobuo ONO, *NIPR*

Natsuo SATO, *NIPR*

Kazuo SHIBAZAKI, *Kokugakuin University*

Hiromu SHIMIZU, *Fuji Women's College*

Kazuyuki SHIRAIISHI, *NIPR*

Nobuo TAKAOKA, *Kyushu University*

Okitsugu WATANABE, *NIPR*

Kunihiko WATANUKI, *Rissho University*

Yoshio YOSHIDA, *Rissho University*

MEMOIRS OF NATIONAL INSTITUTE OF POLAR RESEARCH
SPECIAL ISSUE No.51

PROCEEDINGS OF THE INTERNATIONAL
SYMPOSIUM ON ENVIRONMENTAL
RESEARCH IN THE ARCTIC

19-21 July 1995, Tokyo

Edited by
Okitsugu WATANABE

PUBLISHED BY NATIONAL INSTITUTE OF POLAR RESEARCH

TOKYO

DECEMBER 1996

Memoirs of National Institute of Polar Research
Special Issue, No. 51

**PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON
ENVIRONMENTAL RESEARCH IN THE ARCTIC**
19–21 July 1995, Tokyo

Editorial Board of This Volume

Editor-in-chief: Okitsugu WATANABE

Executive editor: Takashi YAMANOUCHI

| | | |
|----------|---------------------|------------------|
| Editors: | Hajime ITO | Sakae KUDOH |
| | Shuki USHIO | Peter WADHAMS |
| | Kokichi KAMIYAMA | Makoto WADA |
| | Mitsuo FUKUCHI | Nobuo ONO |
| | Takehiro MASUZAWA | Yasunobu IWASAKA |
| | Masaaki WAKATSUCHI | Shuhei TAKAHASHI |
| | Shun'ichi KOBAYASHI | |

Copyright 1996 by the National Institute of Polar Research
9–10, Kagal 1-chome, Itabashi-ku, Tokyo 173

Printed by Yoshida Printing Inc.