

## Tele-science in Syowa station via Intelsat satellite link and polar science observation database: now and future

# Masaki Okada[1], Hiroshi Miyaoka[2], Natsuo Sato[1]

[1] NIPR, [2] National Inst. Polar Res.

<http://www.isc.nipr.ac.jp/~mokada>

Syowa station, Antarctica, is scheduled to be connected with NIPR by the Intelsat satellite link in February, 2004. After establishing the link, the scientific observation data can be delivered to the scientists in real time. This enables the coordinated observation in antarctica with the satellite observation and the northern observatories.

As the observation instruments develops, it is expected to be more important to establish the polar science database and the simulational techniques with the data assimilation.

This presentation is intended to introduce our current stage of the polar science observation information infrastructure and its future.

## 南極昭和基地インテルサット衛星データ通信設備

