



**IOMASA Deliverable 2.4:
Validation Report Assimilation Impact**

H. Schyberg, F.T. Tvetter, V.W. Thyness

Norwegian Meteorological Institute

P. Dahlgren

Swedish Meteorological and Hydrological Institute

Report consists of two contributions:

1. *The Impact of Assimilation AMSU-A Observations over Sea Ice in HIRLAM 3D-Var* (met.no report no. 16/2005) by Norwegian Meteorological Institute
2. *Impact of Humidity Assimilation in the Arctic* by Swedish Meteorological and Hydrological Institute