



# Requirements for membership to OMI Science Team

|                  |                           | <b>Date</b>      | <b>Signature</b> |
|------------------|---------------------------|------------------|------------------|
| <b>Author:</b>   | OSAB                      | 12 February 2003 |                  |
| <b>Checked:</b>  | E. Hilsenrath (NASA/GSFC) | 12 February 2003 |                  |
|                  | G. Lepelmeier (FMI)       | 12 February 2003 |                  |
| <b>Approved:</b> | P.F. Levelt (KNMI)        | 12 February 2003 |                  |
| <b>Archive:</b>  | R. Noordhoek (KNMI)       | 12 February 2003 |                  |



**Distribution list:**

***OSAB***

Gilbert Leppelmeier FMI  
Pieterneel Levelt KNMI  
Ernie Hilsenrath NASA/GSFC

***Other***

Anssi Mälkki FMI  
PK Bhartia NASA/GSFC  
René Noordhoek KNMI  
Bert van den Oord KNMI

**Change status:**

| <b>Issue</b> | <b>Date</b>      | <b>Comments</b> | <b>Affected pages</b> |
|--------------|------------------|-----------------|-----------------------|
| draft        | 30 January 2003  | Final draft     | All                   |
| 1            | 12 February 2003 | First version   | All                   |

## Requirements for membership to OMI Science Team

OMI is a wide field, hyper spectral imaging spectrometer measuring backscattered ultraviolet/visible radiation. The instrument was developed by NIVR and FMI for flight on NASA's Aura spacecraft. Launch is expected in early 2004. Aura will carry three other instruments with capabilities to globally monitor trace gases in the stratosphere and troposphere and their transport. Together with OMI, the four instruments will study ozone change and its causes, air quality by identifying the sources and distribution of pollution and its precursors, and climate by measuring atmospheric parameters contributing to climate forcing.

The OMI science team consists of members from the PI institute, KNMI and the two Co-PI's institutes, FMI and NASA. Each of the PI's and Co-PI's institutions established guidelines for OMI science team membership. For example, NASA selected its science team members through an Announcement of Opportunity and provided funding subsequent to the members' selection.

Additional members may also be considered for membership in the international OMI Science Team. The following are minimum criteria for new membership:

- 1) Experience in remote sensing of the atmosphere and/or expertise or working in at least one of the following subjects:
  - a) Instrument calibration and characterization
  - b) Radiative transfer theory and/or algorithm development
  - c) Satellite data validation
  - d) Satellite data modelling and interpretation
- 2) A commitment to spend at least 10% of his/her time on OMI-related activity:
  - a) Attendance at the annual OMI science team meetings
  - b) Participation in one of the OMI working groups
  - c) Attendance at a general Aura science team meeting held approximately once per year is highly desirable
- 3) A written commitment by the candidate's institution to support the candidate member for the activities out lined in 2) above.
- 4) A majority approval of the candidate's membership by the OSAB is needed.