

Aerosol Air Quality Satellite Data -AAQSD-

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Aim of the project

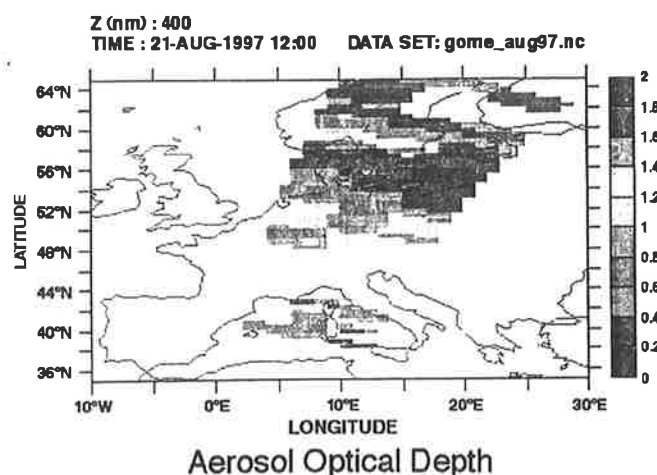
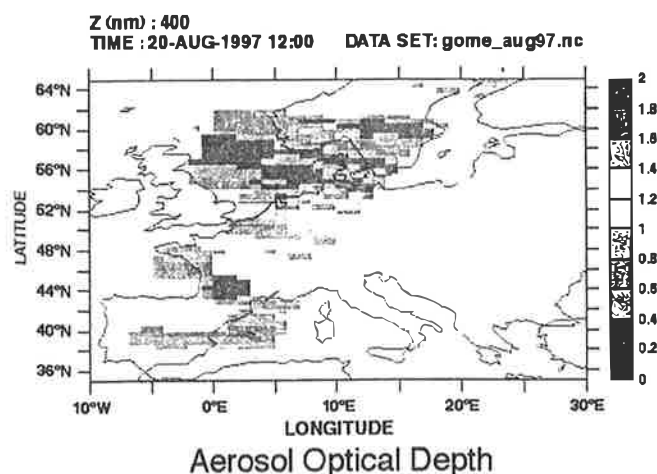
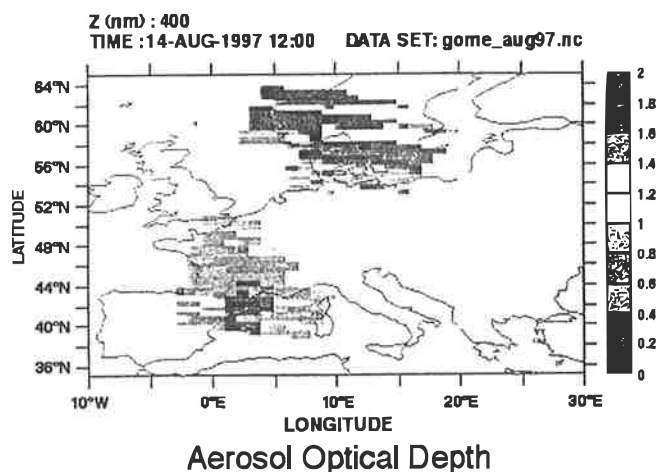
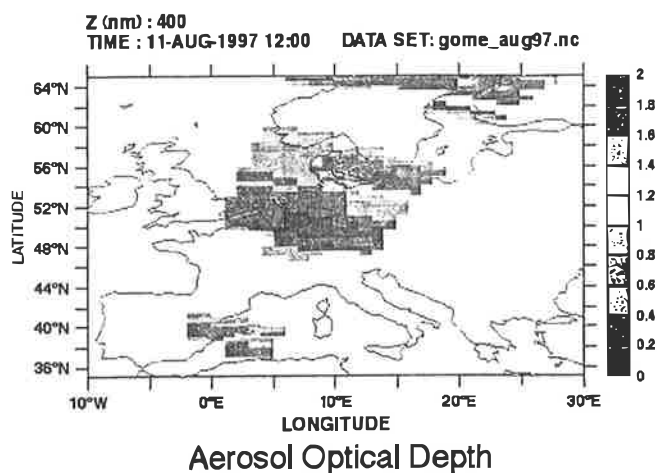
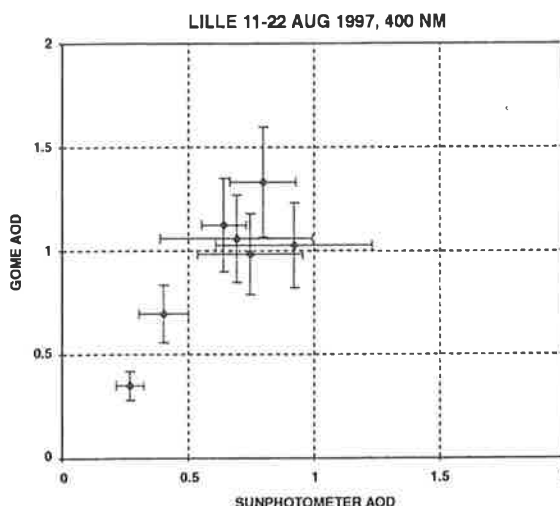
Development of a method to derive direct information on the air quality and human health aspects of aerosols on a regional scale (10x10 km²) from satellite data.

Elements of the project

- Focus on human health, less on climate
- Application of existing preliminary retrieval method
- Focus on ATSR and GOME, preparation for Sciamachy and OMI
- Application of data-assimilation using the TNO-LOTOS model including aerosols, creating added-value to the satellite data in case of cloud interference etc.
- Integration of ground level and lidar data
- Focus on north-western Europe
- September 1998- September 2000

Major funding

Netherlands Remote Sensing Board (BCRS).



Preliminary results Pepijn Veefkind