



## **Tropospheric Emission Monitoring Internet Service**

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The Tropospheric Emission Monitoring Internet Service (TEMIS), part of the Data User Element (DUE) of ESA, is an operational processing and archiving center for tropospheric data sets for targeted user groups. These data sets consist of global concentrations of tropospheric NO<sub>2</sub>, tropospheric HCHO, volcanic SO<sub>2</sub>, BrO, ozone, aerosols, clouds and UV products derived from observations of nadir-viewing UV-VIS satellite instruments such as GOME, SCIAMACHY and OMI. The TEMIS data products are often made available within a few hours after observation. The data is widely used for monitoring the ozone hole, local UV forecasts, monitoring air pollution, climate change studies and support to aviation control.