

# deegree SOS

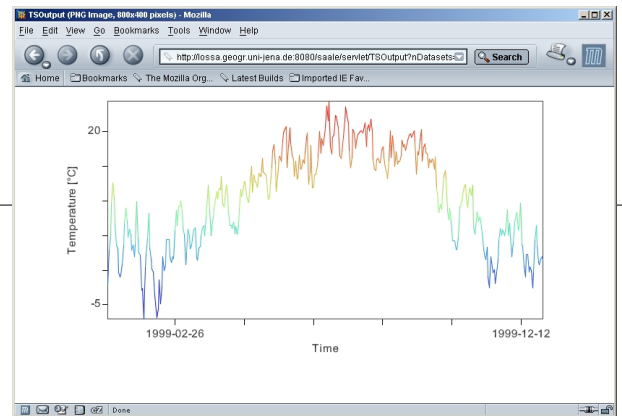
... making measurement data like water discharge, climatic data or data about air pollution available via Web Service.

## Funktional Range

Spatially referenced measurement data and time series can be utilized in Spatial Data Infrastructures if they can be visualized and analyzed in conjunction with spatial data. In contrast to „normal“ spatial data specific functionality for retrieving and visualizing is necessary. deegree Sensor Observation Service supports these by using OGC Interfaces.

In many institutions, measurement data are stored in databases in which plenty of investment were made by the time. In order to save this investment and to support your flexibility, deegree SOS is highly configurable so that existing databases can be connected without any problem. The accessibility of data sources is internally done on the basis of deegree Web Feature Service preserving a high grade of flexibility.

deegree SOS is like all deegree components Free Software / Open Source under LGPL (<http://www.deegree.org>)



## Technical Features

- + Support of the OGC Sensor Observation Service Specification version 0.9.0
- + Connection to PostGIS, Oracle Spatial or any database management system supporting JDBC
- + Supported operations: GetCapabilities, DescribeSensor, DescribePlatform und GetObservation



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