

## **Data pre-processing for CO<sub>2</sub> monitoring and ecosystem sequestration**

*Wednesday, 15 September 2010 11:00 (20 minutes)*

Use cases for the Environmental cluster of proposed ESFRI infrastructures (ENVRI) revolve around two scientific themes: i) CO<sub>2</sub> monitoring and ecosystem sequestration, and ii) understanding geophysical processes. Within each theme, infrastructures encounter difficulties with data (including work flow) processing, specifically: data pre-processing (raw data, data transfer, calibration, interoperability and data fusion, information representation) and data post processing (analysis, modelling, visualization). As indicated by the title, this talk will focus on one combination of scientific theme and data processing needs, and will highlight some of the problems for which several infrastructures could benefit from common technical solutions.

### **Project name if affiliated to a project**

ENVRI proposal

**Primary author:** MIRTL, Michael (Environment Agency Austria)

**Session Classification:** EEF Requirements and the ESFRI projects