

**Thematic issue of the European Journal of Soil Science**  
**“Soil Inventory and Monitoring”**  
*Call for papers*



**Soil Monitoring** is the systematic determination of soil variables so as to record their temporal and spatial changes. **Soil Monitoring** is essential for the early detection of changes in soil quality both negative and positive. As such, it is an important tool for the assessment of soil protection policies. Such early detection enables fuller understanding of the actions of soil processes involved in soil degradation or improvement. This gives the opportunity for informed decisions in order to protect and to conserve soils for their sustainable use and for general environmental control. In numerous countries, the national monitoring sites have yet been sampled only once, and therefore, the monitoring scheme is still an **inventory**.

Several scientific issues are related to soil inventory and monitoring: choice of relevant indicators, sampling strategy, sampling time intervals, QA/QC procedures, advanced data processing, estimation of background values...

This special issue will welcome papers dealing with the following broad topics:

- Design and implementation of soil inventories and monitoring systems
- Review papers on soil monitoring
- Development and testing of new indicators
- Sampling strategies in space and time
- Harmonisation of analytical methods
- Determination of background values and /or on abnormal values
- Probability mapping
- Development of advanced QA/QC procedures in soil monitoring
- Case studies (from plot to broad scales) providing new or novel scientific insight on methodological issues and/or changes in soil parameters.
- Soil monitoring and policy development
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**All submitted papers will undergo the usual EJSS review process.**

The Guest Editor in Chief for this thematic issue is Dr Dominique Arrouays (INRA, France) who is supported by Dr Keith Paustian (USA) and P. Bellamy (UK).

**Papers should be submitted by 31 May 2008 in accordance with EJSS guidelines (<http://www.blackwellpublishing.com/ejs>).**

European Journal of **Soil Science**