

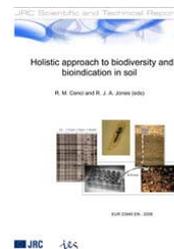
SOIL Action Newsletter - European Soil Portal: <http://eusoils.jrc.ec.europa.eu>

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[Dioxins, Trace elements, Bioindicators and biodiversity in Soils](#)

Soils of the Province of Pavia have been the object of a biological, physical and chemical survey in order to obtain a detailed assessment of their "quality". For this purpose, standard international methods were used to identify sampling, collection, handling and analysis points. With the use of the Land Use Cover Area from LUCAS network, 7 Primary Points and 34 Secondary Points have been identified. On the basis of the same network, 116 sampling points (Tertiary Points) have been selected within six areas of prevalently industrial nature.

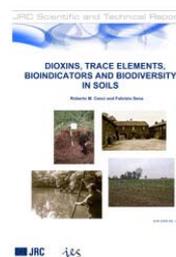
http://eusoils.jrc.ec.europa.eu/ESDB_Archive/eusoils_docs/other/EUR23935.pdf



[Holistic approach to biodiversity and bioindication in soil](#)

To study and investigate soil biodiversity is a difficult task because of the complex interactions that exist in soil and the need for considerable expertise to undertake the necessary investigations. The factors that influence biodiversity are diverse: some are natural, for example soil acidity, water retention, temperature and organic matter content, others are anthropogenic, for example human population pressure. This report summarises the results of the multidisciplinary BIO-BIO study of biodiversity

http://eusoils.jrc.ec.europa.eu/ESDB_Archive/eusoils_docs/other/EUR23940.pdf



[EIONET Primary Contact Points \(PCPs\) for Soil](#)

JRC was able to compile a list of lead institutions for soil in EIONET member countries. 25 Countries (14 countries haven't confirmed yet) identified a lead institution at National level that would be in charge of networking with all the competent National institutions related to the various soil data needs as identified by DG ENV and EEA.

[Data Collection - Technical Guidelines](#)

The EEA and DG Environment have identified soil erosion and decline in soil organic matter as priorities in relation to the collection of policy relevant soil data at European scale. In the context of its European Soil Data Centre activities and in response to EEA soil data requirements, the JRC is responsible for collection and management of European soil data in collaboration with EIONET members. JRC will organize through EIONET a data collection exercise with the objective of creating European-wide datasets.

<http://eusoils.jrc.ec.europa.eu/library/data/eionet/DataCollection.htm>

[Call for Tender \(central laboratory services for soil analysis\)](#)

Service Provision for technical support in the LUCAS study, provision of central laboratory services for soil analysis. 20,000 points will be selected on which soil samples will be taken. Soil samples, weighting about 0.5 kg each, will then be dispatched to the laboratory selected in answer to the present ITT for carrying out physical/chemical analyses.

<http://eusoils.jrc.ec.europa.eu/utilities/calls/>

Newsletter Spotlight

LUCAS SOIL: Progress 20% of Soil Samples have been stored in the European Soil Archive Facility. The on line applications shows the number of soil samples logged on arrival at our 'soil drying facility' in the JRC.

[More Details](#)

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Questions or Comments? E-mail us at panos.panagos@jrc.it, marc.van-liedekerke@jrc.it or call us 0039-0332-785574, 0039-0332-785179