

# Country report – Slovenia



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- EARS (Environmental Agency of the Republic of Slovenia) is responsible for soil contamination review according to National Environmental Action Plan 2005 - 2012. Results will be used as a base for establishment of soil contamination monitoring and soil information system. Activities are done in close collaboration with Centre for Soil and Environmental Science, Biotechnical Faculty, University of Ljubljana. Other institutions involved in soil issues are National forest institute (Forest focus), Agricultural institute of Slovenia, ...
- Experts from EARS cooperate in expert groups on Soil Directive preparation.
- EARS is also National reference Centre in EIONET network and coordinate different tasks on soil issues.

- Data on contamination, acidification, salinisation and organic matter are available in different studies.
- Data on soil organic matter exists in soil map in scale 1:25000 at Ministry for Agriculture and at Agricultural institute of Slovenia (monitoring of agricultural land).
- Publication on project 'Research of soil pollution assessment (ROTS) in Slovenia' is available.
- Soil map in the scale 1:250000 is prepared via generalization of soil units from 1:25000 (BF and JRC)
- Database is in establishment and collaboration with institutions involved in soil research is on-going.

- In the frame of project 'Research of soil pollution assessment (ROTS) in Slovenia', 368 different sampling sites were investigated from 1989 – 2007.
- Obtained parameters of each sampling points in this project are:
  - Morphological characteristic
  - Acidity
  - Content of basic cations
  - Organic matter
  - Soil texture
  - Cationic exchange capacity
  - Inorganic pollutants (As, Cd, Co, Cr, Cu, F, Hg, Mn, Mo, Ni, Pb, Se, Tl, V, Zn)
  - Organic pollutants (PAH, PCB, DDT and its derivatives, herbicides, ...)
- Data are available via our web site or via Biotechnical faculty.

- For now we do not have any preferences since our database is in preparation.

- INSPIRE has not been implemented yet in legal order of Slovenia. According to plan it will be completely implemented in 2019. However, EARS takes into account INSPIRE principles (e.g. meta data portal, Environmental Atlas for viewing spatial data, WFS (Web Feature Service) for data downloading).
- For now no specific actions have been taken for the implementation of INSPIRE regarding soil data and information.