

## **PERSAM tool for predicting environmental concentrations of pesticides in topsoil**

In support of the EFSA Guidance Document for predicting environmental concentrations of active substances of plant protection products and transformation products of these active substances in soil (EFSA, 2017) and following valuable input from the PERSAM users, the software tool has been updated and a new version is now available on the ESDAC website. The PERSAM tool assists the users in performing calculations using the analytic model.



<https://esdac.jrc.ec.europa.eu/content/european-food-safety-authority-efsa-data-persam-software-tool>

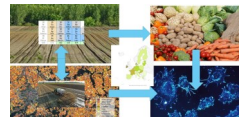
## **Open vacancy at the Soil team: Understanding the links between SOil pollution and CancEr**

This is an exploratory research position on **soil diffuse pollution** with initial focus will be on metals (e.g. Cadmium, Arsenic, Zinc, Lead, Nickel), but with scope to extend to other substance (e.g. plant protection products, industrial chemicals, pesticides). The researcher will be in charge of the spatial mapping of outcomes (including predictive considerations) and make contributions to the better understanding of soil-plant uptake of pollutants and development of soil-food flows from satellite derived crop maps. The JRC offers a 2-years contract for this exploratory research. Deadline for applications: 31.3.2021. <https://recruitment.jrc.ec.europa.eu/> (2021-IPR-A5001-FGIV-016728).



## **SOLACE project: Understanding the links between Soil pollution and CancEr**

SOLACE is a JRC Exploratory Research Project that will investigate potential relationship between the occurrence of specific cancers and levels of soil pollution. The Project aims to develop a methodology that moves from measures of concentrations of carcinogenic substances in soil towards the identification of hazards and risk analysis that may help explain eventual potential pathways that cause cancers (i.e. soil-plant-food, erosion by wind and water, etc.). The project will investigate the potential links between contaminated soils as an environmental driver for cancer cases.



<https://esdac.jrc.ec.europa.eu/projects/solace>

## **Commission publishes study on the CAP's impact on soil**

As part of a series of evaluation of the Common agricultural policy (CAP) against its general objective of sustainable management of natural resources and climate action, this evaluation support study of the impact of the CAP on soil identified the activities having an effect on soil quality and reviewed the implementation choices at the Member States' and beneficiaries' levels on instruments and measures with an impact on soil quality and productivity. It investigated the effectiveness, efficiency, relevance, coherence and EU added value of the CAP instruments and measures addressing sustainable soil management and soil quality. <https://data.europa.eu/doi/10.2762/799605>



## **EJP SOIL Second internal calls (pre-announcement)**

The European Joint Programme (EJP) SOIL - '*Towards climate-smart sustainable management of agricultural soils*' comprise 24 countries and many organizations committed to the overall goal of providing sustainable agricultural soil management solutions that contribute to key societal challenges including climate change and future food supply. The overall objective of this [2nd internal call](#) is to fund research projects open to EJP SOIL beneficiaries and linked third parties to fill research and development gaps identified by the "Roadmap for the EJP SOIL" and the annual work program of the EJP SOIL for year two. Deadline: **31.5.21**



### **More Details**

**Download the ESDAC Newsletter:** [PDF Format](#). **Feedback:** [panos.panagos@ec.europa.eu](mailto:panos.panagos@ec.europa.eu)

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