

JOINT RESEARCH CENTRE

ESDAC: http://esdac.jrc.ec.europa.eu EUSO/ESDAC Newsletter No 166 (June 2024)

Soil degradation indicators in the EU

We make available the a Pan-EU assessment of soil degradation based on the 19 latest state-ofthe-art indicators as demonstrated in the <u>EUSO Soil Degradation Dashboard</u>. Users can now develop maps based on the 19 soil degradation indicators (maps) as provided in the dashboard. The 'convergence of evidence' map in the dashboard shows where scientific evidence converges to indicate areas that are likely to be affected by soil degradation processes. The available dataset is a multi-band one with 20 bands (one per soil degradation indicator plus the combination of all indicators). Before use, it is recommended that users read carefully the documentation associated with the data and the related <u>publication</u>. Download the data:

https://esdac.jrc.ec.europa.eu/content/soil-degradation-indicators-eu

2nd Young Soil Researchers Forum

On 14th and 15th of October 2024, the 2nd edition of the Young Soil Researchers Forum (YSRF) will take place. EUSO's objective is to make YSRF a networking and knowledge exchange event. Young scientists are called to present their work and get in contact with policy makers, academia, peers and the private sector. The event is of interest for academic experts and industry to discover a new pool of talented young scientists. The event will take place online and will be free for subscription. The Young Scientists Call for contribution deadline: 10.9.2024. Link for registration and more information:

https://esdac.jrc.ec.europa.eu/euso/2nd-young-soil-researchers-forum

EUSO annual bulletin 2023

This report highlights the main activities of the EU Soil Observatory (EUSO) in 2023. The EUSO provided policy support to a wide range of policy areas, including the proposed Soil Monitoring Law. The EUSO also launched the EU Soil Health Dashboard, a comprehensive and easy understandable monitor of the state of soil health in the EU. Furthermore, the EUSO contributed to sharing data and knowledge about EU soils, supported soil research, and supported citizen engagements regarding soil matters. The EUSO Working Groups played a key role in these activities. Overall, in 2023, the EUSO has successfully taken up its role to be the principal provider of soil-related data and policy support at the EU-level. Download the report:

https://publications.jrc.ec.europa.eu/repository/handle/JRC137235

Updates on the Soil Monitoring Law

Following the Soil Monitoring Law proposal from the European Commission, the Environment Council reached an agreement on Monday 17 June 2024. With the European Parliament having adopted its position earlier in April, the directive is now subject to trilogue negotiations.

EUropean soil ERosion field measurements at Plot scale

A new collaborative network was established targeting at the collection on soil erosion by water data stemming from European field experiments. The aim of this network is to reach out to researchers from institutions in Europe to come together and create an open-access database (EU_ERPlot) of soil erosion records collected at plot scale, for a series of diverse land use and land cover features across Europe. This is an initiative promoted by the EUSO Working Group on Soil erosion. New deadline for contributions: <u>31.07.2024</u>. More details on how to contribute:

https://esdac.jrc.ec.europa.eu/themes/european-soil-erosion-field-measurements-plot

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