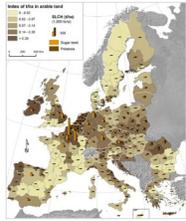


[Soil loss due to crop harvesting \(SLCH\) in the European Union](#)

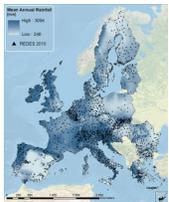
This study aims to scale up the findings of past studies, carried out at regional and national level, to obtain preliminary insights into the magnitude of soil loss from cropland due to sugar beets and potatoes harvesting in EU. The 4.2 million ha of root crops in the EU contribute to 14.7 million tons of SLCH. Sugar beet cultivation has decreased significantly during the last 16 years resulting in a SLCH decline of 37% compared to the period 1987-99. According to this [article](#), the SLCH is less intense compared to the water, wind, tillage and gully erosion. Data are available in ESDAC:



<https://esdac.jrc.ec.europa.eu/content/soil-loss-due-crop-harvesting-european-union>

[Rainfall Erosivity Database at European Scale \(REDES\)](#)

The Rainfall Erosivity Database on the European Scale (REDES) includes Annual R-factor values for 1,675 precipitation stations within the European Union (EU) and Switzerland. The R-factor in REDES has been calculated using high temporal resolution (5-min, 15-min, 30-min, hourly) rainfall data. REDES has been used to develop the [European R-factor map](#), [monthly R-factor](#) assessments and [projections of future erosivity](#). The R-factor raw data per station are made available in ESDAC (monthly or individual storm events can be distributed upon request):



<https://esdac.jrc.ec.europa.eu/content/rainfall-erosivity-european-union-and-switzerland>

[The Global Symposium on Soil Erosion \(GSER19\)](#)

The Global Symposium on Soil Erosion (GSER19) will be a high level science-policy meeting, held **15 – 17 May 2019, at FAO HQ in Rome, Italy**. GSER19 aims to translate scientific and policy evidence into decisions and actions to minimize soil erosion for increased food security, ecosystem services, and promote the restoration of eroded sites. GSER19 will produce a document highlighting the scientific evidence on the status of soil erosion, its impacts and an agenda for action in the framework of achieving the SDGs. Registration is open till **8.5.2019**. Find the [concept note](#) and the [draft agenda](#) of the Symposium.



<http://www.fao.org/about/meetings/soil-erosion-symposium/en/>

[An introduction to soils, ecosystems & livelihoods in the Tropics](#) (Massive Online Open Course)

Soils are the foundation of sustainable development and access to soil knowledge is more important than ever before. Therefore, a global community of partners designed the very first Massive Online Open Course on tropical soils and how they affect the world above ground. Enrollment is now open on the EdX platform and FREE for this run. Watch the trailer and subscribe here:



<https://www.edx.org/course/as-above-so-below-soils-ecosystems-and-livelihoods-in-the-tropics>

[9th ESSC International Congress on Soil's contribution to People](#)

The Congress will be held at the **Agricultural University of Tirana (Albania) from 26 to 28 September** 2019. The objective is to present up to date research results, practical examples and policies, to support the role played by soil resources on human existence and as a source of food and life supporting services. ESSC provides [two grants](#) of 500 Euro each to 2 young researchers (less than 35 years old), members of the ESSC, to support their participation to the 9th ESSC.



More Details

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

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