

CheTerraPesti #99 - The earth beneath your feet - A soil magazine. Mar. 10, 2025

51 Items

a world of soil... ..a sustainable world! (suggested view with 4 columns)



Updates & Events - CURIOSOIL

 curiosoil.eu

News & Events Discover the latest updates and events from the CURIOSOIL Project across Europe. Explore past and upcoming activities, stay connected through our social media and newsletter, and join us in

Headlines



European Mission Soil Week 2025 | Mission Soil Platform

 europa.eu

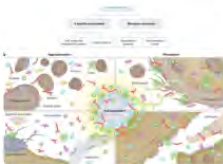
Pre-registrations are open for European Mission Soil Week 2025! We are thrilled to invite you to register for the third European Mission Soil Week, planned on the 5 - 6 November 2025 in Denmark at Aarhus University.



World Soil Day, 5 December | Food and Agriculture Organization of the United Nations

 fao.org

World Soil Day 5 December 2020 | 🌍 Celebrate the magic of soil with the new World Soil Day 2025 contests!



The soil plastisphere: Effects of microplastic particles in soil

 phys.org

Plastic is everywhere in the environment, and while earlier research efforts have dealt predominantly with the ocean and aquatic systems, soil has increasingly come into focus, especially soils in agricultural



Troy's fall was partly due to environmental strain – and it holds lessons for today

 theconversation.com

Long before industry, ancient societies were already pushing their ecosystems to the brink



The climate mitigation gap: education and government recommendations miss the most effective individual actions

iop.org

Here we consider a broad range of individual lifestyle choices and calculate their potential to reduce greenhouse gas emissions in developed countries, based on 148 scenarios from 39 sources.



Sign the EU Mission Soil Manifesto

europa.eu

Life on Earth depends on healthy soils. Soil is the living skin of our planet. Healthy soils are indispensable for the provision of food as well as clean water, good air, safe climate, and biodiverse landscapes. Globally, soils



Healthy soil can help grow more food and cut emissions – but government inaction means too much soil is being degraded

theconversation.com

From policies to support carbon farming, to setting up local 'soil museums', governments need to do much more to protect the soil we rely on for growing food and a healthier life on Earth.



A Soil Monitoring Law for Europe

wiley.com

In the EU, soil degradation costs between €40.9 and 72.7 billion per year is presented. This newly updated estimate compared to the Impact assessment of the Soil Monitoring Law takes into account the costs of

Politics



State of Europe's environment not good: threats to nature and impacts of climate change top challenges

 [europa.eu](https://europea.eu)

Significant progress has been made in reducing greenhouse gas emissions and air pollution, but the overall state of Europe's environment is not good, especially its nature which continues to face degradation,



Our study analysed pesticide use and residues across Europe. Here's what we found

 theconversation.com

A recent study of nearly 200 European wheat farms found 73 different pesticides – including in organic fields.



Study identifies key agricultural practices that threaten soil health and global food supply

 phys.org

The global food system faces growing risks as modern farming practices undermine the resilience of the world's soils, according to new research.



The monetization of soil: An emerging imperative?

sciencedirect.com

- Soil's economic value is rising amid accelerating land degradation.
- Monetization can drive proactive soil stewardship at multiple scales.
- We outline practical valuation methods for policy and finance actors.



Down and dirty: how regenerative farming is digging into microscopic soil life

 theguardian.com

Nurturing everything from bacteria and fungi to worms is seen as essential to helping minimise use of chemicals and machinery



Copernicus Ocean State Report 9 Summary

 copernicus.eu

Is available online in an interactive format, highlights key scientific findings on how Ocean changes affect marine life and human societies.

Science, info & more...



Global climate migration is a story of who and not just how many

 [nature.com](https://www.nature.com)

Migration responses to climate are demographically heterogeneous. Accounting for age and education greatly improves predictions, with demographic-specific effects often an order of magnitude larger than



Désimperméabiliser les villes. Plante & Cité publie un guide opérationnel pour (re)découvrir les sols urbains (in French)

 plante-et-cite.fr

L'imperméabilisation des sols est un phénomène très présent et croissant dans nos villes. Si le scellement des sols trouve historiquement sa justification dans des enjeux sanitaires, il répond aussi à des attentes très



Creatures buried in soil for over a century burst back to life in Toronto waterfront

 [theguardian.com](https://www.theguardian.com)

A project to restore coastal wetland leads to astonishing discoveries of a host of life: seeds and plant scraps, as well as water fleas, worms, larvae and plankton



How researchers are making precision agriculture more affordable

 theconversation.com

Researchers have developed a tool that allows farmers to quickly and affordably test soil samples, get results in real-time, and obtain fertilizer recommendations.



Dirty emotions: Microbes in soil may affect hormones tied to love, mental health and social bonds

phys.org

Flinders University experts are exploring evidence that microbes in the soil and the environments around us can affect human microbiota and the "gut-brain axis," potentially shaping emotional states and relationship



Territorial mapping of soil type and land cover influence on ecosystem services

sciencedirect.com

The delivery of soil-based ecosystem services (ES) is of increasing importance for spatial planners. Soils are complex and heterogeneous systems, therefore synthesizing pedological expertise into decision



Quantification of the ecosystem services provided by public and private green in a residential area of Bologna, Northern Italy - Urban Ecosystems

springer.com

In a densely populated district of the urban area of Bologna, a city located in the highly polluted Pianura Padana region (Italy) impacted by urban heat island...



Revisiting the soil carbon saturation concept to inform a risk index in European agricultural soils

nature.com

Storing and protecting organic carbon in agricultural soils requires knowledge on their saturation capacity. Identification of similar pedo-climatic zones allows for creating a risk index informed by the zone-



Global blind spots in soil health research overlap with environmental vulnerability hotspots

nature.com

Despite their rich biodiversity and high rates of deforestation, Central and South America (excluding Brazil), Africa, Southeast Asia, and the Middle East remain global blind spots in soil health research, according to a



Soil testing time saver predicts key soil health characteristics

 phys.org

Farmers in a time crunch have a new, speedier option for analyzing the texture and organic matter content of the soil on their fields.

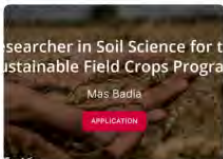


The landslide inventory dataset of the May 2023 Emilia-Romagna meteorological event

 copernicus.org

Landslide inventories play a vital role in assessing susceptibility, hazards, and risks and are essential for developing resilience strategies in mou...

Jobs



Researcher in Soil Science for the Sustainable Field Crops Program - IRTA

 irta.cat

We are an agri-food Research Institute under the Government of Catalonia, where over 1000 professionals work, with commitment, across 19 research areas to contribute to the future and to society.



Scientific position (M. Sc. in civil engineering, geosciences, environmental sciences, or a comparable field). Koblenz, Germany

 researchgate.net

The Federal Institute of Hydrology offers a temporary, part-time scientific position (M. Sc. in civil engineering, geosciences, environmental sciences, or a comparable field) in the field of fluvial morphology and sediment



Assistant Professor on Circular Processes Eindhoven, Netherlands

R⁶ researchgate.net

Are you inspired by developing circular processes for a greener future? We are looking for an enthusiastic Assistant Professor candidate to strengthen the research and education of the Cluster in circular processes



Atomic Secrets: a Chornobyl scientist warns of a toxic future

G theguardian.com

Dmitry Kalmykov is a Ukrainian scientist who has dedicated his life to investigating environmental disasters, first at Chornobyl and now in Semipalatinsk, Kazakhstan - formerly the Soviet Union's primary nuclear



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Dirt! The Movie (FULL)

YouTube

<http://www.oye.global> ----- Inspired by William Bryant Logan's acclaimed book *Dirt: The Ecstatic Skin of the Earth*, *Dirt! The M...*



Why soil is one of the most amazing things on Earth | BBC Ideas

YouTube

Soil is underappreciated. But it's vital in so many ways. Here's a look at the importance of soil - and why soil matters so much. This was made in partnership...

Videos



Soil in 1 minute: Join the World Soil Day 2025 video contest | FAO

fao.org

This contest invites scientists, designers, communicators, educators, and creative individuals to create short, engaging explainer videos (maximum one minute) aimed at children aged 8-15. Participants are asked to use

Photos (& some news too)



Photo competitions

 europa.eu

Do you enjoy taking photos and are you curious about the environment and concerned about climate change? Then, you may have what it takes to win one of our annual photo competitions!



News - Sustainable Soils Alliance

 sustainablesoils.org

A partnership of farming organisations, businesses, NGOs, applied science and academia working together to restore our soils to health within one generation.



Farming Practices that Support Soil Health - SARE

 sare.org

Farming practices that support soil health often need to be customized or adapted to local conditions. However, some overarching strategies are used in nearly all climate zones, soil conditions, or crop systems. Broadly

Number closed in Bologna (Italy) Oct 13, 2025. 4:11 PM (CET)

Contact us:

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