

a world of soil... a sustainable world! CheTerraPesti is a multilingual, "more or less



EUSO Stakeholders Forum - EU Science Hub - European Commission

EU Science Hub - European Commission

A key element of the European Commission's EU Soil Observatory (EUSO) is an open, inclusive and dynamic engagement with its diverse stakeholder base. These include: Relevant Commission services and



Does an ally against climate change lie beneath our feet?

Phys

By enhancing soil's ability to store carbon, the ground we walk on could play an essential role in keeping carbon dioxide out of the air.



On course for healthier, more sustainable soil

Phys

If we want to transition to a greener, healthier and more climate resilient Europe, it is important to ensure our soils are in good condition. However, the quality of soils is worsening because of unsustainable management



Solar panels on half the world's roofs could meet its entire electricity demand – new research

 The Conversation

India and China are the cheapest places to install rooftop solar, while the US, Japan and the UK are the most expensive.



Make electric vehicles lighter to maximize climate and safety benefits

 Nature

Tax heavy cars and shrink batteries to consolidate the gains from electrifying transport.



Early human activities impacted Earth's atmosphere more than previously known

 Phys

Several years ago, while analyzing ice core samples from Antarctica's James Ross Island, scientists Joe McConnell, Ph.D., and Nathan Chellman, Ph.D., from DRI, and Robert Mulvaney, Ph.D., from the British Antarctic



Startup wants to convert manure into sustainable fertilizer while trapping greenhouse gases

 Phys

Engineers at Norwegian startup N2 Applied have announced on their website that they have developed technology that can reduce the amount of ammonia and methane in livestock slurry. They also note that



New images from Mars will guide search for evidence of ancient life, says study

 the Guardian

Pictures taken by Perseverance rover show how water helped shape planet's landscape billions of years ago



Farmers groups lead the way in adapting to a changing climate

The Conversation

Do farmers fare better together in the face of a changing climate?



We can't stabilise the climate without carbon offsets – so how do we make them work?

The Conversation

Offsetting may be controversial, but we need it to reduce emissions. Here's how it can be done with integrity.



Wood burner debate stoked up by scientists | Letters

the Guardian

Letters: Simon Fairlie takes issue with what he sees as alarmism about the environmental damage done by wood-burning stoves, while Peter Baddeley wonders why being green is so in conflict with being 'clean'



How countries alongside the Sahara can restore productive land faster

The Conversation

Africa's Great Green Wall must immediately speed up to meet the needs of people along the edges of the Sahara Desert.



UN deforestation scheme under scrutiny after Indonesia debacle

Phys

The collapse of a \$1-billion deal to curb Indonesian deforestation has highlighted the pitfalls of a UN-backed global initiative, which critics say has been ineffective and trampled on indigenous communities' rights.



Australia could 'green' its degraded landscapes for just 6% of what we spend on defence

The Conversation

By spending \$2 billion each year for about 30 years, we could restore much of Australia's severely denuded landscapes.



Europe's industrial air pollution costing hundreds of billions: report

Phys

Air pollution from industries in Europe causes health and environmental damage estimated at up to 430 billion euros (\$500 billion) for a single year, the European Environment Agency (EEA) said Wednesday.



New river of lava threatens even more buildings on La Palma

Phys

A new river of lava belched Saturday from the La Palma volcano, spreading more destruction on the Atlantic Ocean island where over 1,000 buildings have already been engulfed or badly damaged by streams



The most influential climate science paper of all time

The Conversation

A 1967 study by Nobel-winner Syukuro Manabe changed climate science forever



Huntington Beach oil spill blackens beaches and waves – in pictures

the Guardian

An estimated 126,000 gallons of crude oil has leaked from an underwater pipeline near Los Angeles, creating a miles-wide hazard area



The effects of sealing on urban soil carbon and nutrients

Copernicus

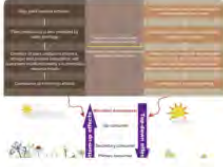
Abstract. Urban soils are of increasing interest for their potential to provide ecosystem services such as carbon storage and nutrient cycling. Despite this, there is limited knowledge on how soil sealing with



How special soil observatories in China are helping to create more sustainable agriculture

 The Conversation

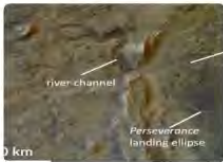
Soil degradation is a huge challenge for farmers around the world. But new research is showing how farmers can balance crop yields with protecting the environment.



Aridity-driven shift in biodiversity-soil multifunctionality relationships - Nature Communications

 Nature Communications

Biodiversity-ecosystem functioning relationships may vary with climate. Here, the authors study relationships of plant and soil microbial diversity with soil nutrient multifunctionality in 130 dryland sites in China, finding a



What has been discovered about the Mars surface? How does that relate to human missions?

 Soils Matter, Get the Scoop!

Scientists have been studying the Martian surface with spacecraft since 1965 when the Mariner 4 spacecraft collected the first images. Since then, there have been additional flyby missions, as well...



Large effect of Solar activity on Earth's energy budget

 Phys

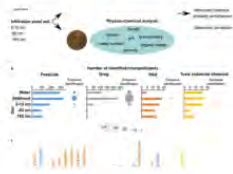
This is the result of a new study by researchers from DTU Space at the Technical University of Denmark (DTU) and of The Hebrew University of Jerusalem, who have traced the consequences of eruptions on the Sun on



Lisa Bellocchi elected new ENAJ Chairwoman – ENAJ - European Network of Agricultural Journalists

ENAJ - European Network of Agricultural Journalists

This week, the European network of agricultural journalists elected a new president. Lisa Bellocchi from Italy was elected to chair ENAJ for the next 3 years, [...]



Towards a model for road runoff infiltration management - npj Clean Water

npj Clean Water

In human society, there is a demand for sustainable solutions for water preservation and efficient treatment systems. An important water reservoir is road runoff defined as rainwater leaching from roads, loading



A preliminary framework for better urban agroforestry

Crops

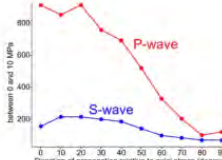
September 13, 2021 - Susan V. Fisk Today's cities don't have walls for protection like ancient ones, but they are separate from less urban and rural land. Most goods that city-dwellers purchase are brought in from



Urban areas more likely to have precipitation-triggered landslides, exposing growing populations to slide hazards

Phys

Urban areas may be at greater risk for precipitation-triggered landslides than rural areas, according to a new study that could help improve landslide predictions and hazard and risk assessments.



Estimation of the orientation of stress in the Earth's crust without earthquake or borehole data

Communications Earth & Environment

The orientation of maximum horizontal compressive stress in the crust can be estimated in regions lacking borehole or earthquake source data through the use of ambient Earth noise to measure stress-induced



The indigenous population of ancient Sicily were active traders

Phys

How should we relate to the traditional historiography on ancient Sicily? The prevailing view has been that the indigenous population had neither territory, power nor economic resources. But with the aid of



Roman-era mixers and millstones made with geology in mind

🔗 Phys

A study on stone tools from an outpost of the Roman Empire has found that for ancient bakers and millers, having the right tools was a matter of geology.



2021 SEPTEMBER | Soil Care Network

Soil Care Network

The Soil Care Network is an interdisciplinary, global community of scholars and practitioners animated by the love of, fascination with, and dedication to soils.



Joint Research Centre

SCIENTIFIC PROJECT OFFICER – EU SOIL OBSERVATORY, EC-JRC, Ispra, Italy

Europa

The position will support the implementation of the EU Soil Observatory through the development of the Integrated Soil Monitoring System including global and EU data, the organization of regular meetings of



Tenure Track Position for a Scientist or Working Group Leader on "Soil Erosion & Landscape Functioning". Müncheberg, Germany

researchgate.net

With its Tenure Track System, ZALF aims to recruit excellent scientists with essential expertise by providing a guaranteed transitioning to a permanent contract subject to successful evaluation. This Classic Tenure



Joint Research Centre

Project Manager, Scientific Research - Development of Soil Organic Carbon Indicators, EC-JRC, Ispra, Italy

Europa

This position focuses on the development of indicators of soil organic carbon combining the current LUCAS soil monitoring system data in the European Union with advanced modelling applications. The candidate will



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...



Forum de l'investissement pour la grande muraille verte.

YouTube

L'une des principales annonces du One Planet Summit Biodiversité sera celle de la création de l'accélérateur de la Grande muraille verte et l'effort de coord...



Living Soil Film

YouTube

Living Soil: A Documentary. Now available with subtitles in more than 20 languages. Enable closed captions by clicking the 'CC' icon, then click the gear ico...











What is Erosion? Effects of Soil Erosion and Land Degradation

 World Wildlife Fund

Sustainable land use helps prevent erosion from depleting soil nutrients, clogging waterways, increasing flooding, and causing the desertification of fertile land.



Healthy soil, healthy farms

 Phys

Soils, like people, can be healthy or unhealthy. We've recently learned how important the microbes inside our bodies are to human health. Likewise, soil health depends on a complex group of microbes. These bacteria and

Number closed in Bologna (Italy) Oct. 13th, 2021.11:55 AM (CET)

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