



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



Healthy soils – new EU soil strategy | (public consultation)

Have your say

All citizens and organisations are welcome to contribute to this consultation. The Commission is, given the scale of this subject concerning essentially the broad public interest, looking for input from a



How to bring life to dying soils

Bbc

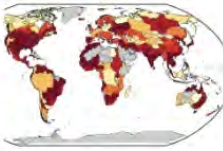
Around the world, soils are in trouble. And unless we take action, so will be the farmers and consumers who depend on them. But some growers can see a way to save the ground beneath our feet.



How new design patterns can enable cities and their residents to change with climate change

 The Conversation

As our cities get hotter, rebuilding whole suburbs better suited to the heat is not an option. Instead, we can draw from the best examples of how to adapt neighbourhoods and behaviours.



Humans control majority of freshwater ebb and flow on Earth, study finds

 Phys

Humans have made a remarkable impact on the planet, from clearing forests for agriculture and urbanization to altering the chemistry of the atmosphere with fossil fuels. Now, a new study in the journal Nature



The search for life beyond Earth

 Phys

Mars may now be considered a barren, icy desert but did Earth's nearest neighbour once harbour life?



Where does plastic pollution go when it enters the ocean?

 The Conversation

Each bit of plastic takes a unique journey once it reaches the ocean. We're trying to spot the patterns.



Sicilian village cleans up ash, stones from Mt Etna eruption

 Phys

Residents and municipal teams worked Wednesday to clean up a Sicilian village near Mount Etna after Europe's most active volcano spewed lava, ashes and volcanic stones.



FAO's Global Soil Partnership | Protocol for the assessment of Sustainable Soil Management

Fao

This protocol, elaborated in the context of FAO's Global Soil Partnership, constitutes a fundamental tool to assess if any intervention in the field is carried out in a sustainable manner. In practical terms, the protocol



To make less-harmful road salts, we're studying natural antifreezes produced by fish

The Conversation

De-icing salts help us get around in winter, but they corrode cars, crack roads and contaminate rivers and lakes. Scientists are working to develop better options by imitating natural antifreezes.



Solar panels in Sahara could boost renewable energy but damage the global climate – here's why

The Conversation

In a bid to ditch fossil fuels, some countries are considering carpeting deserts with solar panels.



Researchers study how lifelong environmentalists want their remains handled after death

Phys

Traditional burial in a graveyard has environmental costs. Graves can take up valuable land, leak embalming chemicals and involve nonbiodegradable materials like concrete, as well as the plastic and steel that make up



Sustainable cities after COVID-19: are Barcelona-style green zones the answer?

The Conversation

Making cities greener is a vital endeavour – but one that comes with potential pitfalls.



South-west Iceland is shaking – and may be about to erupt

 The Conversation

The last time south-west Iceland experienced a turbulent period of earthquakes and volcanic eruptions was in the 1300s.



Ghosts of past pesticide use can haunt organic farms for decades

 Phys

Although the use of pesticides in agriculture is increasing, some farms have transitioned to organic practices and avoid applying them. But it's uncertain whether chemicals applied to land decades ago can continue to



Scientists use forest color to gauge permafrost depth

 Phys

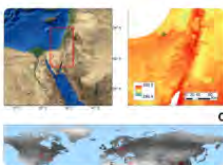
Scientists regularly use remote sensing drones and satellites to record how climate change affects permafrost thaw rates—methods that work well in barren tundra landscapes where there's nothing to obstruct the



Climate change-driven snowmelt in Alps triggers abrupt seasonal change

 Phys

Spring snowmelt in the Alps is occurring earlier in the year due to climate change and as a result triggering abrupt deviations in mountain ecosystems. These changes could negatively affect the functioning of



Worldwide continuous gap-filled MODIS land surface temperature dataset

 Scientific Data

Measurement(s) temperature of air * land surface temperature
Technology Type(s) satellite imaging of a planet * computational modeling technique
Factor Type(s) year of data collection * daytime and



How 18th-century weather diaries shed light on the effects of an Icelandic volcanic eruption on Scotland

 The Conversation

New research challenges the idea that Laki caused years of extreme weather in Scotland and has implications for how we deal with sudden, forced climate change today.



Earth's magnetic field broke down 42,000 years ago and caused massive sudden climate change

 The Conversation

Scientists have uncovered evidence of a global paleopocalypse.



Ecosystems around the globe breathe differently in response to rising temperatures

 Phys

Land stores vast amounts of carbon, but a new study led by Cranfield University's Dr. Alice Johnston suggests that how much of this carbon enters the atmosphere as temperatures rise depends on how far that



Post-wildfire landslides becoming more frequent in southern California

 Phys

Southern California can now expect to see post-wildfire landslides occurring almost every year, with major events expected roughly every ten years, a new study finds. The results show Californians are now facing



How microplastics in the soil contribute to environmental pollution

 Phys

Plastic, with its unabated global production, is a major and persistent contributor to environmental pollution. In fact, the accumulation of plastic debris in our environment is only expected to increase in the



A global look at surface soil organic carbon

 Phys

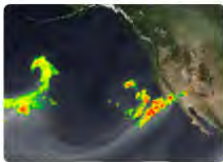
Healthy soil is paramount to life on Earth. In addition to its importance in agriculture, soil is the foundation for almost every terrestrial ecosystem on Earth. Soil organic carbon (SOC) is frequently used as a gauge of soil



Some food contamination starts in the soil

 Phys

When most people hear "food contamination," they think of bacteria present on unwashed fruits or vegetables, or undercooked meat. However, there are other ways for harmful contaminants to be present in



Atmospheric river storms can drive costly flooding – and climate change is making them stronger

 The Conversation

Earth's biggest rivers are streams of warm water vapor in the atmosphere that can cause huge rain and snowfall over land. Climate change is making them longer, wetter and stronger.



2021 JANUARY | 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.



Administrators in the field of sustainable agriculture and rural development - Careers with the European Union - European Commission

Careers with the European Union - European Commission

Administrators in the field of sustainable agriculture and rural development (Courtesy JRC-ESDAC)



Expertise Development Coordinator in Big Geospatial Data Science, University of Twente, Netherlands

Universiteit Twente

ITC aims to remain the global player in education and capacity development in advanced geospatial applications including the big data domain. This position is a key element in that effort. You have knowledge



JRC: Recruitment | FG IV – SCIENTIFIC PROJECT OFFICER – DEVELOPMENT OF THE INTEGRATED SOIL MONITORING SYSTEM Code: 2021-IPR-D3-FGIV-016568 - Ispra, Italy

Europa

(Courtesy JRC-ESDAC)



Soil, Not Dirt: A Digital Journey Connecting Soils, Plants, and Climate by Rebecca Lybrand

YouTube

Join Rebecca on an exciting GoPro adventure to study soil in the desert, grasslands, and pine forests of Arizona. On this excursion, you will take an early ...



This video is private



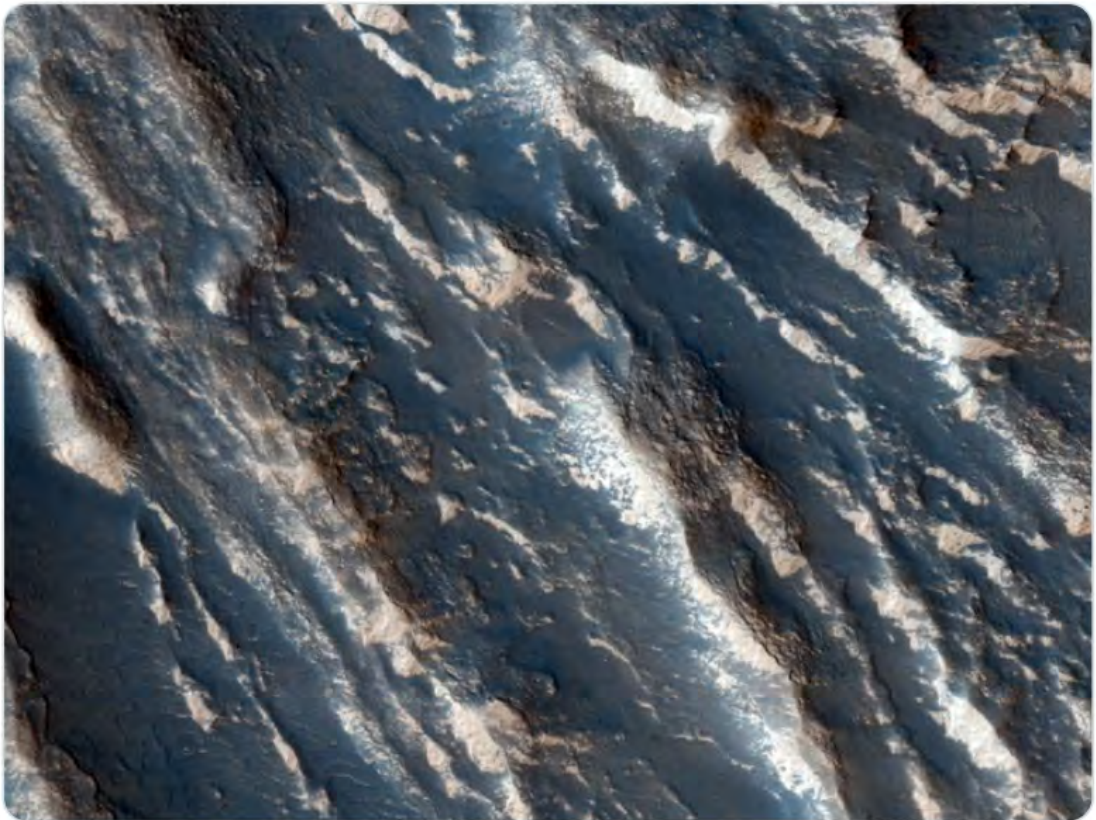
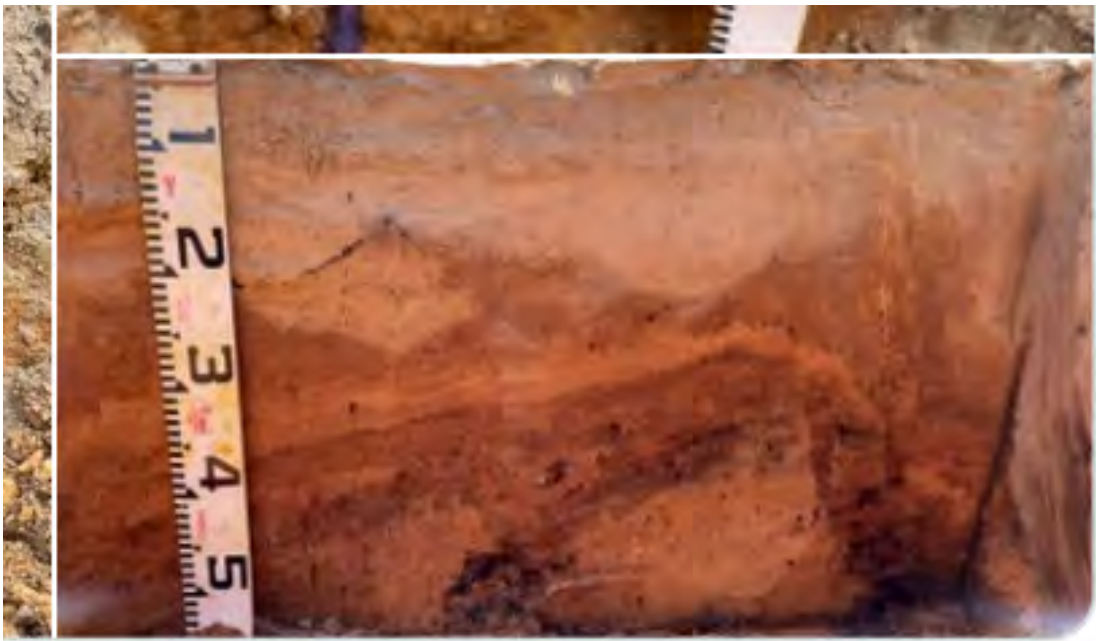
I suoli urbani / Riccardo Scalenghe / I giovedì del Clima / Secondo ciclo (28 gennaio 2021)

 YouTube

Riccardo Scalenghe - Università di Palermo, Dipartimento di Scienze Agrarie, Alimentari e Forestali.
Partendo dalla formazione del suolo ed individuandone l...











Number closed in Bologna (Italy) Mar. 5th, 2021. 02:50 PM (CET)

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