



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



Soil Security for the European Union

Sciencedirect

Luca Montanarella & Panos Panagos "Soil security in the EU can only be achieved with the full implementation of the EU Soil Thematic Strategy. While good progress has been made on the first four dimensions of soil



Atlas of the Invisible: using data to map the climate crisis

 the Guardian

Graphics from a new book show causes and consequences that are hard to detect with the naked eye



Sustainable futures over the next decade are rooted in soil science

Wiley Online Library

Daniel L. Evans , Zahra Kalantari , Department of Physical Geography and Bolin Centre for Climate Research, Stockholm University, Stockholm, Sweden Navarino Environmental Observatory, Messenia, Greece School



Food systems: seven priorities to end hunger and protect the planet

 Nature

Here's how the United Nations should harness science and technology to improve nutrition and safeguard the environment.



'A poor man's rainforest': why we need to stop treating soil like dirt

 the Guardian

The mysterious world under our feet is under threat. Protecting it is as vital as tackling the climate crisis, scientists warn



The five most impressive geological structures in the solar system

 The Conversation

From the tallest cliff in the solar system to its largest impact basin, geological processes on other worlds are very similar to those on our own planet.



Habitus and climate change: Exploring support and resistance to sustainable welfare and social-ecological transformations in Sweden

Wiley Online Library

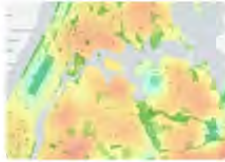
Martin Fritz , Corresponding Author BMBF Junior Research Group "Mentalities in flux (flumen)", Institute of Sociology, Friedrich-Schiller-University Jena, Jena, Germany Correspondence Martin Fritz, BMBF Junior



A new carbon neutrality policy brief for municipalities world wide

 Phys

How to design efficient demo areas for urban carbon sequestration? In the latest policy brief research groups from the University of Helsinki and Aalto University focus on the main principles of urban demonstration



Maps of urban heat islands with focus on environmental justice

State of the Planet

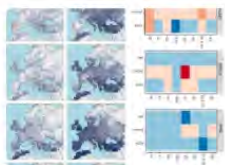
Floods, tornadoes and hurricanes cause deaths every year, but when it comes to weather-related fatalities, extreme heat is America's deadliest killer. And the mercury is rising due to climate change: unprecedented



Countering climate change with cool pavements

ACS Publications

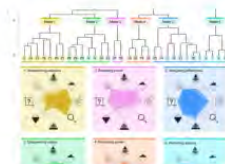
Cool pavement is an effective strategy to lower the air temperature and greenhouse gas emissions of cities when it is done right.



Seasonal climate forecast can inform the European agricultural sector well in advance of harvesting - npj Climate and Atmospheric Science

npj Climate and Atmospheric Science

Seasonal climate forecasts are a key component of sectoral climate services. Skill and reliability in predicting agro-climate indicators, co-designed with and for European wheat farmers, are here assessed. The



Six modes of co-production for sustainability - Nature Sustainability

Nature Sustainability

The promise of co-production to address complex sustainability challenges is compelling. Yet, co-production, the collaborative weaving of research and practice, encompasses diverse aims, terminologies and



Climate change challenge: Scientists' terminology is confounding the public

Phys

A new study finds that U.S. residents struggle to understand terms frequently used by scientists to describe climate change. Study participants said some of the terms were too complex to understand.



People in Accra's slums know green spaces are important: planners should take heed

The Conversation

Ghanaian city authorities are focused on addressing problems of poverty, education and health rather than managing green spaces in slums



How Ethiopia's conflict has affected farming in Tigray

The Conversation

Due to warfare, ploughing and planting was not timely in Tigray. This may lead to a second year with failed crops.

nature

Reviews we trust

Communications Earth & Environment

At Communications Earth & Environment, we are immensely grateful for the time and effort our reviewers invest into improving submitted papers. We will henceforth celebrate some of our outstanding reviewers on our



Soil Science

22wcsc

The WCSS is a leading international soil science conference, held every 4 years in different countries and attended by over 3,000 soil scientists from around the globe. The 22nd Congress is being organised by the



Study proposes new ways to estimate climate change impacts on agriculture

Phys

Most scientists agree climate change has a profound impact on U.S. agricultural production. But estimates vary widely, making it hard to develop mitigation strategies. Two agricultural economists at the



Smartphone cameras offer smallholder farmers promising new access to soil health knowledge

Phys

The lack of adequate access to effective soil fertility testing in India, and much of the subtropical and tropical world, has led a group of scientists to explore how a smartphone camera might be transformed into a



XXVII CONGRESSO NAZIONALE SOCIETA' CHIMICA ITALIANA - PROGRAMMA della DIVISIONE DI DIDATTICA (In Italian)

Chim

Segnaliamo in particolare la Tavola rotonda del 17 settembre: "Chimica: come, dove, quando e perché"



Air pollution linked to more severe mental illness – study

 the Guardian

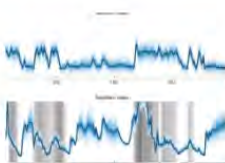
Exclusive: research finds small rise in exposure to air pollution leads to higher risk of needing treatment



African tropical montane forests store more carbon than was thought

 Nature

The inaccessibility of African montane forests has hindered efforts to quantify the carbon stored by these ecosystems. A remarkable survey fills this knowledge gap, and highlights the need to preserve such forests.



Climatic windows for human migration out of Africa in the past 300,000 years - Nature Communications

 Nature Communications

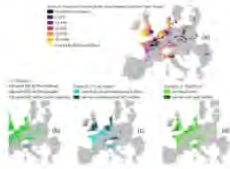
It is still unclear when and by which route modern humans expanded out of Africa. Here, Beyer et al. use paleoclimate reconstructions and estimates of human precipitation requirements to evaluate the



Measuring biodiversity loss in threatened Mediterranean coastal sand-dune habitats, Italy

 Europa

Threatened Mediterranean coastal sand-dune habitats have outstanding conservation value — home to rare flora, rich in fauna and offering protection against storms. Yet there is a lack of recent comprehensive



Strategic deployment of riparian buffers and windbreaks in Europe can co-deliver biomass and environmental benefits - Communications Earth & Environment

Communications Earth & Environment

Deployment of riparian buffers and windbreaks can effectively reduce nitrogen emissions to water and soil loss by wind erosion in Europe, according to analyses of three implementation scenarios.



New evidence of a Roman road in the Venice Lagoon (Italy) based on high resolution seafloor reconstruction - Scientific Reports

Scientific Reports

This study provides new evidence of the presence of an ancient Roman road in correspondence to a paleobeach ridge now submerged in the Venice Lagoon (Italy). New high resolution underwater seafloor data shed



Scientists discover 'world's northernmost island' off Greenland's coast

the Guardian

Researchers say the tiny island in Greenland – roughly 30 metres across – was exposed by shifting pack ice



2021 JULY | 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.



Research scientist / Senior research scientist -
Modelling of carbon dynamics in forest soils
(209827) | Norwegian Institute of Bioeconomy
Research, Ås, Norway

 Jobbnorge.no

Job title: Research scientist / Senior research scientist - Modelling of
carbon dynamics in forest soils (209827), Employer: Norwegian Institute
of Bioeconomy Research, Deadline: Sunday, September 12, 2021



JUNIOR PROFESSOR IN SOIL SCIENCE AND SOIL
FERTILITY, Leuven, Belgium

kuleuven.be

In the Science, Engineering and Technology Group of KU Leuven,
Department of Earth and Environmental Sciences, Division of Soil and
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Anthropocene Lecture: Bruno Latour

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English original version May 4, 2018 More

information: https://www.hkw.de/en/anthropocene_lectures Film and production: Dusan Solomun



Japan Announces Plans To Bring Back Soil Samples From Mars Moon By 2029

F Forbes

Japan plans to collect soil from a moon rather than Mars itself because scientists believe it will provide a variety of samples from the planet spread by sandstorms.

TResearch Infographic Summer 2021

HEALTHY SOIL
UNDERPINS SUSTAINABILITY

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IMPROVES GRASS AND CROP YIELDS

PROVIDES NUTRIENTS FOR CROP GROWTH

A HOME FOR BIODIVERSITY

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TResearch Infographic Summer 2021

YouTube

Healthy soil underpins sustainability. It improves grass and crop yields and it provides nutrients for crop growth. Additionally, healthy soil is a home for ...



10 of the best things to do in the Azores

the Guardian

Now on the UK's travel green list, the Portuguese archipelago offers stunning volcanic landscapes and its own delicious cuisine, wines and even coffee



Wines From Mount Etna, A New Adventure For Sicilian Wine Producer Donnafugata

F Forbes

Making wines on Mount Etna, an active volcano, can be challenging. Donnafugata, a famous wine producer in Sicily, started its Etna adventure in 2016. With several different wines they want to show the diversity of



The week in wildlife – in pictures

G the Guardian

The best of this week's wildlife pictures, including a slow loris, a pink lady mollusc and Lake Titicaca frog





Number closed in Bologna (Italy) Sept. 1st, 2021. 11:54 AM (CET)

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