



a world of soil... a sustainable world!



Place depicted in Van Gogh's final painting found with help of postcard

[the Guardian](#)

French hillside scene in Tree Roots may have been painted hours before artist's death



Biodiversity loss could be making us sick – here's why

[The Conversation](#)

Rich and diverse microbiomes in our local environment are important for keeping us healthy.



Lead fallout from Notre Dame fire was likely overlooked

[Phys](#)

On April 15, 2019, the world watched helplessly as black and yellow smoke billowed from the Notre Dame cathedral in Paris. The fire started just below the cathedral's roof and spire, which were covered in 460 tons of



Ocean Crops: Is This The Next Frontier For Agriculture?

[Forbes](#)

An exciting new frontier for agriculture is opening up 70% of the world's surface that has not traditionally been used for crops – the ocean.



Towards Urbanome the genome of the city to enhance the form and function of future cities

 Nature Communications

The health of the city depends on how well all the elements of this system are interconnected and operating in harmony. Here the authors introduced the concept of urbanome which is analogous to the human



James Lovelock (the father of Gaia Theory): 'The biosphere and I are both in the last 1% of our lives'

 the Guardian

The Gaia Theory - the revolutionary idea that life on Earth is a self-regulating community of organisms interacting with each other and their surroundings. An independent scientist who eschews the academic

CONSUMO DI SUOLO,
DINAMICHE TERRITORIALI
E SERVIZI ECOSISTEMICI
EDIZIONE 2020



Consumo di suolo, dinamiche territoriali e servizi ecosistemici (in Italian)

Istituto Superiore per la Protezione e la Ricerca Ambientale

ISPRA ha presentato il 22 luglio i nuovi dati sul consumo di suolo in Italia e l'edizione 2020 del Rapporto del Sistema Nazionale per la Protezione dell'Ambiente. L'aumento del consumo di suolo non va di pari passo con la



'Carbon Farming' Could Make US Agriculture Truly Green

 Wired

Today a Senate committee will hear about a bill that would help farmers adopt practices to release less carbon from the soil, reducing planetary warming.



A 20,000-tonne oil spill is contaminating the Arctic – it could take decades to clean up

 The Conversation

Climate change is thawing permafrost and increasing the risk of these accidents, and the region has fewer of the bacteria that can 'clean up' oil spills.



An effective climate change solution may lie in rocks beneath our feet

 The Conversation

To avoid global warming on a catastrophic scale, nations need to reduce emissions and find ways to pull carbon from the air. One promising solution: spreading rock dust on farm fields.



Spotlight on soil: farming returns to its roots - Positive News

Positive News

Agriculture typically accounts for 10 per cent of the UK's emissions. But some farmers are taking a radical new approach – one that boosts biodiversity, captures carbon and improves animal welfare



Kellogg's Pay for Performance incentive for farmers prevents massive soil runoff in Michigan's largest watershed

bakeryandsnacks.com

Kellogg's collaboration with The Nature Conservancy to provide farmers with regenerative agriculture practices on 67,000 acres of Michigan farmland has prevented almost 3,900 tons of soil runoff from entering



The Importance of Soil Health and How the Fashion Industry Can Help

Sustainable Fashion - Eco Design - Healthy Lifestyle - Luxiders Magazine

Almost everything we rely on as human beings comes from the soil. With much of the earth's soil depleting at a fast rate, it's crucial that soil health comes to the forefront of people's attention. It may seem



Disambiguating the soils of Mars

Sciencedirect

Anticipated human missions to Mars require a methodical understanding of the unconsolidated bulk sediment that mantles its surface, given its role as an accessible resource for water and as a probable substrate for



Mars 2020: the hunt for life on the red planet is about to get serious

 The Conversation

The Perseverance rover onboard Mars 2020 is our best bet for finding life on the red planet.



Neanderthals of the Western Mediterranean did not become extinct because of changes in climate

 Phys

Homo Neanderthaliensis did not become extinct because of changes in climate. At least, this did not happen to the several Neanderthal groups that lived in the western Mediterranean 42,000 years ago. A research



Archaeologists Have Found the Source of Stonehenge's Boulders

 Wired

Modern scholars have only been able to speculate about where the huge stones came from—until now.



Malignant cancer diagnosed in a dinosaur for the first time

 Phys

A collaboration led by the Royal Ontario Museum (ROM) and McMaster University has led to the discovery and diagnosis of an aggressive malignant bone cancer—an osteosarcoma—for the first time ever in a



Global report - Food and Land Use Coalition

 Food and Land Use Coalition

There is a remarkable opportunity to transform food and land use systems, but as the challenges are growing, we need to act with great urgency.



Microscopic animals are busy distributing microplastics throughout the world's soil

 The Conversation

Our research on a remote Antarctic island found microplastics in the intestines of tiny animals.



Are young trees or old forests more important for slowing climate change?

 Phys

Forests are thought to be crucial in the fight against climate change-and with good reason. We've known for a long time that the extra CO₂ humans are putting in the atmosphere makes trees grow faster, taking a

ScienceDaily
Your source for the latest research news

New soil models may ease atmospheric CO₂, climate change

 ScienceDaily

To remove carbon dioxide from the Earth's atmosphere in an effort to slow climate change, scientists must get their hands dirty and peek underground.



Tree planting in organic soils does not result in net carbon sequestration on decadal timescales

Wiley Online Library

Tree planting is increasingly being proposed as a strategy to combat climate change through carbon (C) sequestration in tree biomass. However, total ecosystem C storage that includes soil organic C (SOC)



'Green thinking' must lead infrastructure design, says watchdog chair

 the Guardian

Chair of Natural England wants environmental impact considerations baked into planning system



Cooling of Earth caused by eruptions, not meteors

SD ScienceDaily

Ancient sediment found in a central Texas cave appears to solve the mystery of why the Earth cooled suddenly about 13,000 years ago.



Soil health means better human health

Successful Farming

New research suggests soil health may have a surprising influence on food and human health.



Smartphones prove to be time-saving analytical tools

Phys

Seemingly everyone has a smartphone in their pocket, and we find new uses for them every day. They can help us avoid traffic jams or connect us to family from afar. They can even translate languages on the fly.



Soil studies can be helpful for border control

Phys

Underground tunnels have been used by warriors and smugglers for thousands of years to infiltrate battlegrounds and cross borders. A new analysis published in the Open Journal of Soil Science presents a series of



How one teaspoon of Amazon soil teems with life

BBC News

Scientists discover hundreds of different fungi in Amazonian soil, thought to play a vital role in nature.



2020 JUNE | 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 Fellow or Research Assistant in Agricultural Nutrient Management (3384), Cranfield University, UK

Cranfield

Cranfield University welcomes applications from well-qualified postgraduates with a background in agronomy, soil science, geography, crop science to apply for this fantastic opportunity to work on two

**UNIVERSITY
OF TWENTE.**

Assistant Professor in Sustainability and Complex Adaptive Systems. University of Twente (UT), NL

Universiteit Twente

The Department of Governance and Technology for Sustainable Development (CSTM), University of Twente (UT), the Netherlands, invite applications for an Assistant Professor position in Sustainability and



Assistant Professor in remote sensing and GIS applications to land and resources management, Mohammed VI Polytechnic University, Benguerir, Morocco

sf Successfactors

The Center for Remote Sensing Applications (CRSA) at the Mohammed VI Polytechnic University (UM6P) invites applications for a position in Remote Sensing and Geographic Information Science (GIS) at the



Zorba - ECONOMIA PER UNA CRESCITA SOSTENIBILE (in Italian)

YouTube

Collegamento con il #Brasile, con un accademico della Yale University e i ragazzi dei Fridays For Future Italia per parlare di Economia sostenibile. Tanti importanti protagonisti. Nuovi spunti, riflessioni e approfondimenti che vale la pena prendere in considerazione.



What's Up: August 2020 Skywatching Tips from NASA

YouTube

What are some skywatching highlights in August 2020? See the Moon posing with various planets throughout the month, plus catch the peak of the annual Perseid...

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Kelloggs Origins Biodiversity

Watch later

Share

Climate change • Climate change refers to long-term shifts in temperatures and...

Watch on  YouTube

Kelloggs Origins Biodiversity

YouTube

Enjoy the videos and music you love, upload original content, and share it all with friends, family, and the world on YouTube.



Scientists are creating a soil image bank of Western Siberia

India Education Diary

The staff of the TSU laboratory Bio-Geo-Clim is creating an image bank that will include all the main soil types represented in the latitudinal profile of Western Siberia, from steppes to tundra. A...





FAMILY FARMERS ACROSS AFRICA HAVE CREATED INNOVATIVE WAYS TO IMPROVE FARMING TECHNIQUES.

Through the YenKasa radio campaign, farmers can share knowledge and solutions for resilient farming.

 Food and Agriculture Organization of the United Nations

 FAMILY FARMING

 YenKasa Africa







Number closed in Bologna (Italy) Aug. 5th, 2020. 11:55 AM (CET)

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