

a world of soil... ..a sustainable world!



The urban forest of the future: how to turn our cities into Treetopias

 The Conversation

We must re-establish contact between our cities and the natural world.



Here's why soil smells so good after it rains

 The Conversation

That smell you detect after it rains is part of a chemical language between bacteria and animals.



Virus lockdown 'could boost wild flowers'

 BBC News

A plant charity is predicting a boost for wild flowers because some councils have stopped mowing.



'The bliss of a quiet period': lockdown is a unique chance to study the nature of cities

 the Guardian

Empty streets and skies let the birds be heard and leave animals free to roam as well as allowing scientists to examine how humans change urban biodiversity



Run for soil

Will Run For Soil

Three women, soil scientists, runners attempt their longest distance ever to change the way that we view soils.



Why Britain's 2.5 billion paper coffee cups are an eco disaster

 the Guardian

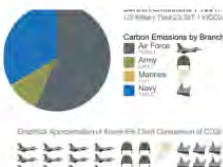
With only one in 400 cups recycled, and even those barely 'green', the hunt is on for an alternative



US military is a bigger polluter than as many as 140 countries – shrinking this war machine is a must

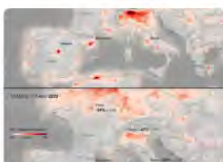
 The Conversation

If the US military were a country, its carbon emissions would rank between that of Peru and Portugal.



Hidden carbon costs of the “everywhere war”: Logistics, geopolitical ecology, and the carbon boot-print of the US military

Royal Geographical Society (with IBG)



Lockdown e inquinamento atmosferico in Europa — ARPAT - (in Italian)

 Arpat

Le rilevazioni dal satellite mostrano l'effetto del blocco per l'emergenza Coronavirus nelle città europee



Why do farmers care about conservation?

 Sustainable, Secure Food Blog

An American poet once said, "Nature is not a place to visit, it is home." Many of us can relate to this quote, as self-proclaimed outdoor adventurers. This quote especially rings true for farmers ...



Food Security and Nutrition in Africa amid Covid-19 Crisis – 2020

Fatuma's Voice

The state of #FoodSecurity2020 and nutrition in Africa during the COVID-19 crisis goes beyond affordability, that's just one factor. Food security means availability of nutritious food and ability for people to access it.



Soil erosion must be stopped 'to save our future', says UN agriculture agency

UN News

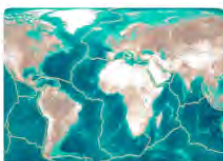
Although soils are essential for human well-being and the sustainability of life on the planet, they are threatened on all continents by natural erosion, the Food and Agriculture Organization (FAO) said on World Soil



How the Hubble Space Telescope opened our eyes to the first galaxies of the universe

 The Conversation

Thirty years ago the Hubble Space Telescope began snapping photos of distant stars, providing a time machine that has taken astronomers back to when the universe was less than a billion years old.



How we discovered the conditions behind 'slow earthquakes' that happen over weeks or even months – new research

 The Conversation

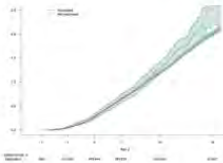
Earthquakes happen over seconds to minutes. Slow slip events on the other hand can last for weeks or months.



World Scientists' Warning of a Climate Emergency

OUP Academic

Scientists have a moral obligation to clearly warn humanity of any catastrophic threat and to "tell it like it is." On the basis of this obligation and the gap



Measles, Mumps, Rubella Vaccination and Autism

Annals

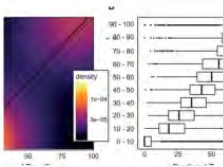
The hypothesized link between the measles, mumps, rubella (MMR) vaccine and autism continues to cause concern and challenge vaccine acceptance almost 2 decades after the controversial and later retracted



Earth system impacts of the European arrival and Great Dying in the Americas after 1492

Sciencedirect

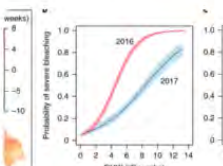
Human impacts prior to the Industrial Revolution are not well constrained. We investigate whether the decline in global atmospheric CO2 concentration ...



The global tree restoration potential

Science

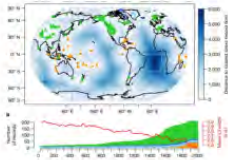
The restoration of forested land at a global scale could help capture atmospheric carbon and mitigate climate change. Bastin et al. used direct measurements of forest cover to generate a model of forest restoration



Ecological memory modifies the cumulative impact of recurrent climate extremes

ii Nature Climate Change

The increasing frequency of marine heatwaves suggests that the impacts of successive events may be influenced by previous events. The extent of the 2016 and 2017 bleaching events on the Great Barrier Reef shows that



No evidence for globally coherent warm and cold periods over the preindustrial Common Era

Nature

Warm and cold periods over the past 2,000 years have not occurred at the same time in all geographical locations, with the exception of the twentieth century, during which warming has occurred almost



Study: Planetary warming tipping U.S. West into prolonged 'mega-drought'

ExpressNews.com

The American West is well on its way into one of the worst mega-droughts on record, a new study warns



Endangered bumblebee sees population bounce back thanks to the revival of lost flower meadows by the National Trust

The Telegraph

97 per cent of flower-rich grass meadows have been lost in the past 70 years



How drones can help farmers | American Society of Agronomy

Agronomy

March 23, 2020 - Eric Hamilton Have you seen a drone buzzing by in a park and wondered what all the fuss is about? These flying vehicles may seem like just an upgrade to the remote-controlled helicopters of



Fire severity and soil erosion susceptibility mapping using multi-temporal Earth Observation data: The case of Mati fatal wildfire in Eastern Attica, Greece

Sciencedirect

In recent years, forest fires have increased in terms of frequency, extent and intensity, especially in Mediterranean countries. Climate characteristi...



What happened to Alaska's soils during the 2019 fires?

 Soils Matter, Get the Scoop!

Alaska was on fire in the summer of 2019. It was the hottest summer on record for the state, and the driest on record in southcentral Alaska. For the first time ever, "extreme drought" conditions w...



Soil experiments for children

Fao

Are you at home with your children? If so, you can use our free funny experiments teach your kids about healthy soils, climate change and the most dangerous soil threats.



The Week in Soil — Sustainable Soils Alliance

 Sustainable Soils Alliance

This Week in Soil: unsustainable soil erosion across the UK, launch of the Soil Spectral Calibration library, benefits of incorporating straw into farmland, improving soil's resilience to extreme weather, gardening tips



2020 MARCH | 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.



Professor in geo- and climate hazards, Gent, Belgium

www.researchgate.net

Geological Engineering -Earth Geosciences -Sedimentology



Lecturer, Environmental Earth Sciences, Townsville, Australia

Jcu

The Lecturer, Environmental Earth Sciences undertakes teaching and research within the Earth and Environmental Sciences academic group, in addition to providing administrative, outreach and marketing services for



Postdoctoral Researcher - Environmental Science, Seoul, South Korea

www.researchgate.net

Research areas: - Characterizing DOM in natural (groundwater, lakes, rivers, and polar region) systems. - Understanding of the fate/changes of DOM in natural systems. - Interpretation of high-resolution mass



Let's Talk About Soil - English - subtitled

 YouTube

This animated film tells the reality of soil resources around the world, covering the issues of degradation, urbanization, land grabbing and overexploitation...



Let's Talk About Soil - Italiano

 YouTube



Video unavailable

This video is unavailable



April: Soils Clean and Capture Water

 YouTube

Soil is a great water purifier! Soils clean water through physical, chemical and biological systems. We need to find more ways to allow soil to provide this ...











Number closed in Bologna (Italy) Apr. 29th, 2020. 11:35 AM (CET)
Contact us:

Twitter at [@cheterrapesti](#)

Facebook at [CheTerraPesti - The earth beneath your feet](#)

mail: [fmalucelli \(at\) arpae.it](mailto:fmalucelli@arpae.it)