



Food and Agriculture
Organization of the
United Nations

20th Working Session of the Intergovernmental Technical Panel on Soils (ITPS)

World Soil Day 2023, preparations 2024, awareness raising on soils & prizes

19-21 March 2024

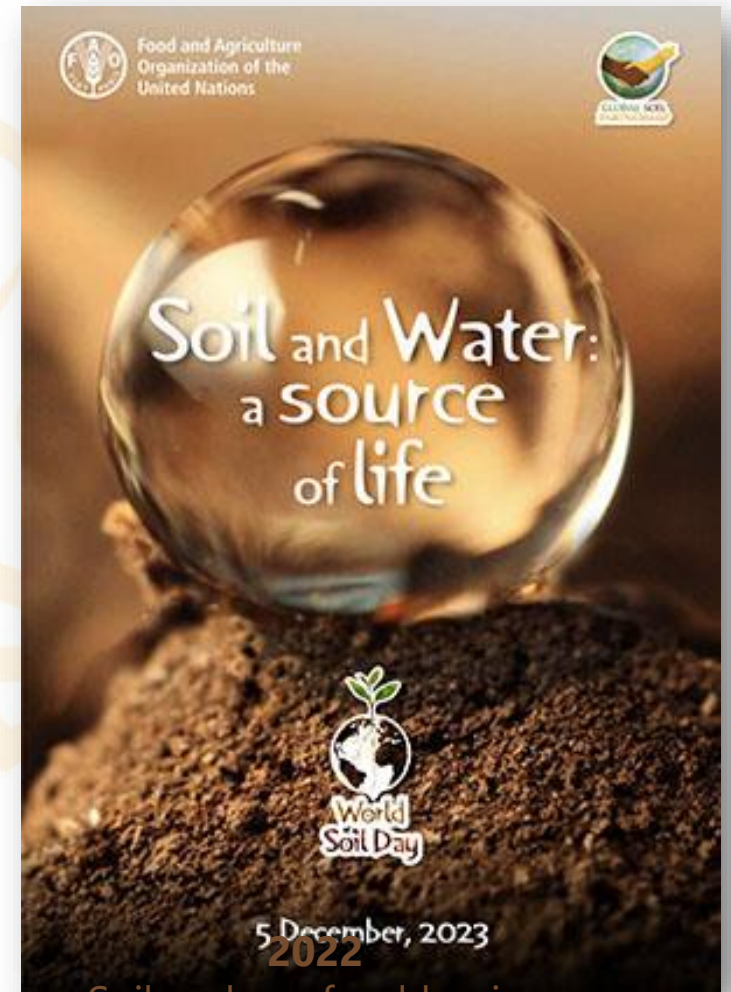
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INTERGOVERNMENTAL
TECHNICAL PANEL ON SOILS



World Soil Day 2023

*“Soil and water:
a source of life”*



Soils, where food begins



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World Soil Day 2023 KEY FIGURE

Over 10 000 events pinned on the official World Soil Day map

Over 600 news articles featuring World Soil Day were read by nearly 1 billion people

The hashtag #WorldSoilDay trended on Twitter on 5 and 6 December reaching 405 million voices


Over 800 lively photos received capturing the joy from soil enthusiasts in celebrating World Soil Day

Over 3000 people from 180 countries attended the official FAO ceremony in person and virtually

3 official contests were launched with extremely high engagement rates, including an online public ballot that reached 12 000 votes



World Soil Day 2023 in press

**Food and Agriculture Organization of the United Nations**ENHANCED BY Google

English

World Soil Day, 5 December


Home About Campaign Materials Contests Logo WSD Award Glinka Prize Worldwide Events Key Messages Official Ceremony

World Soil Day 2023 in the press

Between 5 and 11 December 2023, a total of 569 articles were detected in the world's leading newspapers.

They reached a total of 910 800 415 people, nearly 1 billion!

Have you read or published an article that is not listed below?
Please write to us and we will publish it.



Filter by Country:

Filter by Language:

Headline	Language	Source	Country	Date
UN report to update the status of world's food-producing soils; The report is expected to identify erosion as a key threat to sustainable food production	English	<i>Ontario Farmer (Print Edition)</i>	Canada	12 December 2023
Alla Cop28 agricoltura e sistemi alimentari in primo piano. È stata veramente la "Cop del cibo"?	Italian	<i>EconomiaCircolare.com</i>	Italy	12 December 2023
Giornata mondiale del suolo, CIB: "La ricetta Farming for Future delle aziende agricole del biogas per la salute e la sostenibilità del suolo".	Italian	<i>PLC Forum</i>	Italy	12 December 2023
A Dirty Kid Is A Happy Kid – Inspiring The Younger Generation To Love Soil	English	<i>Grow Up Cannabis Conference</i>	Canada	11 December 2023
How NUTRO™ helps growers implement sustainable soil practices	English	<i>Delectious Food</i>	United States	11 December 2023
Día Mundial del Suelo – Ambientum Portal Lider Medioambiente	Spanish	<i>Region Of Coquimbo, Chile And The World - The Vision News</i>	Chile	11 December 2023
Important Weekly Current Affairs PDF Download (Dec 01st to 07th Dec 2023)	English	<i>lbpsguide</i>	India	11 December 2023

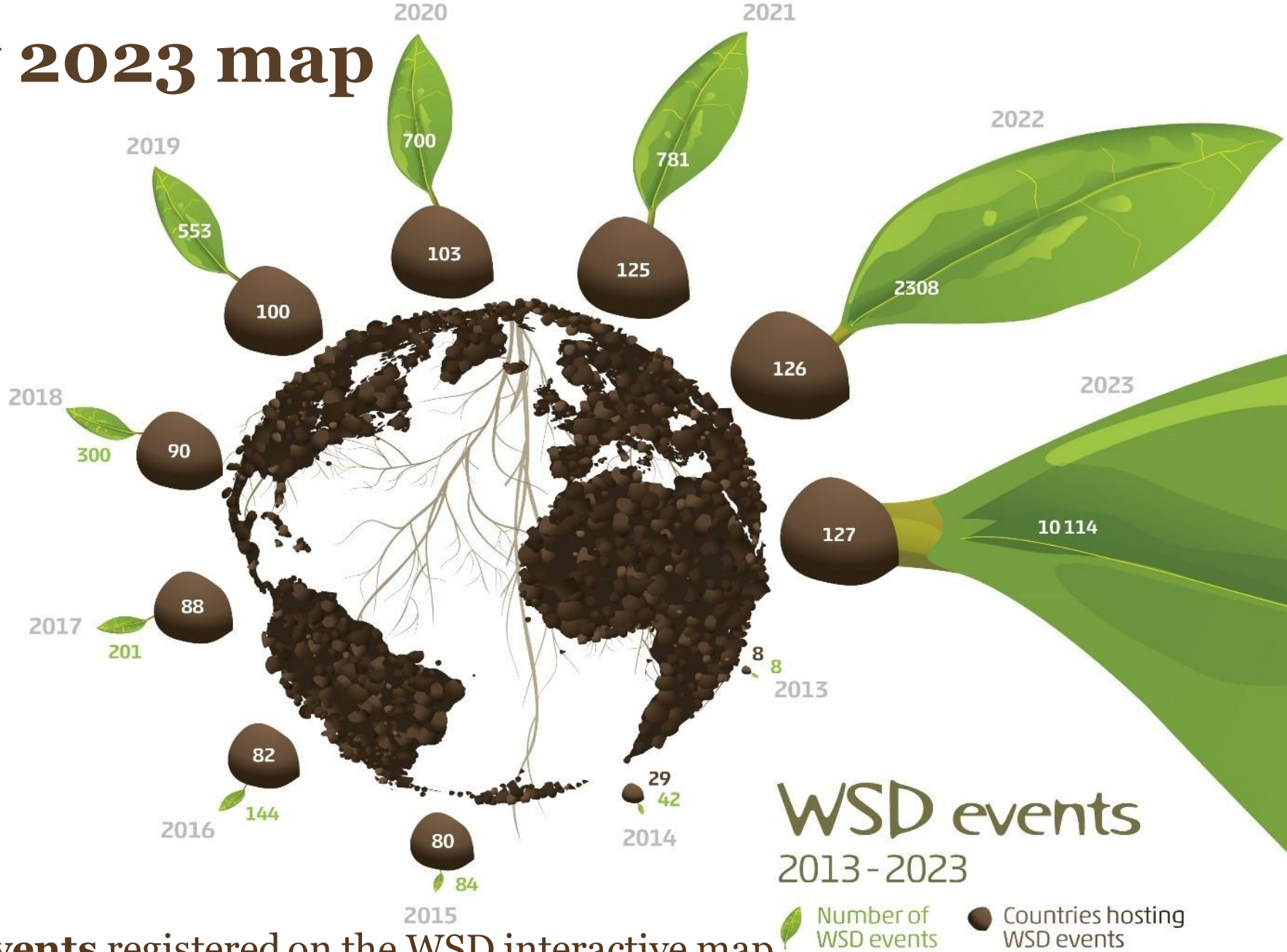
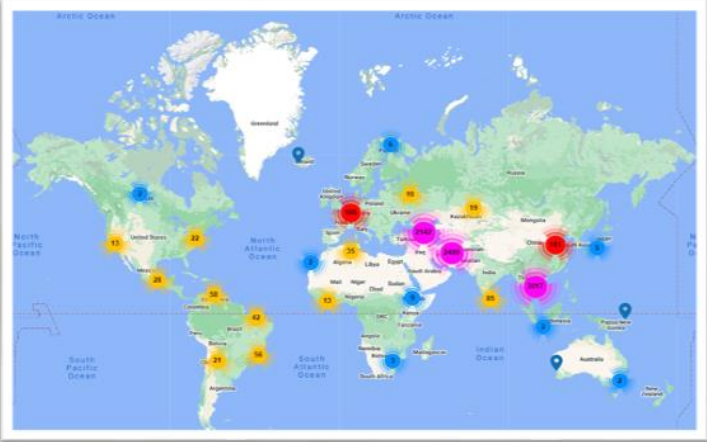
600 articles were detected in the world's leading newspapers reaching 1 billion people



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World Soil Day 2023 map



+ 10 000 events registered on the WSD interactive map

WSD events
2013 - 2023

■ Number of WSD events
● Countries hosting WSD events

Photo gallery – WSD23

Call for photos

+800 pictures received

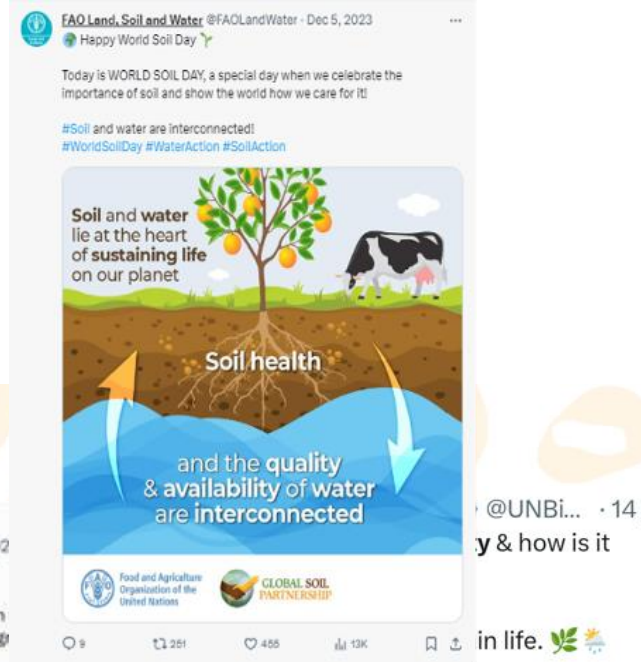


A selection of the top pics uploaded on the WSD gallery



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UN Biodiversity @UN... · 13 oct. 23
 What's the link between healthy #soil and water?

#SoilAction #WaterAction

via @FAO



74 1,1K 1K 14,9K



But soil degradation leads to, among other things, the loss of #soil fertility constituting a risk to #FoodSecurity #Soils4Nutrition

Via @FAOLandWater



111 1,7K 1,7K 27,4K

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The Global Soil Partnership
 Agriculture Organization of the United Nations as a voluntary mechanism

1 Page · Local business
 Rome, Italy
 +39 06 5705 2891
fao.org/globalsoilpartnership/en
 Promote Website

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The Global Soil Partnership
 Published by Isabelle Verbeke · 19h · 48 likes · 3 comments · 9 shares

The #IntergovernmentalTechnicalPanelSoils is now convening at @FAO for 3 busy days. #SoilHealth #SoilAction #ITPS is the brain of the #GSP, providing scientific & technical advice and guidance on global #soil issues! @ULLifeng_FAO... See more

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← **FAO Land, Soil and Water**
 5,413 posts

FAO Land, Soil and Water @FAOLandWater · Mar 16
 What do plants really need to grow? Find out below

#SoilHealth #SoilAction #Soils4Nutrition

Download the poster fao.org/3/ca7394en/ca7...

More on the Global #SoilDoctors Programme bit.ly/3qDPxee

3 comments · 77 retweets · 172 likes · 5K views

FAO Land, Soil and Water
 @FAOLandWater

Newsletter

Register -> https://fao.msgfocus.com/k/Fao/subscription_form_example_globalsoil

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Food and Agriculture Organization of the United Nations | **The Global Soil Partnership**
 Newsletter No. 44 | March 2024

**MEASURE
 MONITOR
 MANAGE**

Global Symposium on Soil Information and Data

Join us in Nanjing, China | 25 – 28 September 2024

The Global Soil Partnership (GSP) is delighted to announce the **Global Symposium on Soil Information & Data (GSID24)**, co-organized with the Institute of Soil Science, Chinese Academy of Sciences (ISSCAS). Scheduled from 25 to 28 September 2024 in the dynamic city of Nanjing (China), this symposium promises to be a landmark event.

The symposium will serve as an international forum for global players – **from policymakers to researchers, and practitioners** – to engage in the crucial area of soil data and information. Faced with pressing challenges such as food security,

World Soil Day 2023 events



- Official ceremonies
- Photo and video challenges
- Field excursions
- Webinars
- Creative workshops
- Soil paintings
- Marathons
- Concerts
- Open-air performances
- Theater pieces
- & much more!**



World Soil Day 2023 participation

Government representatives, private sector, NGOs, youth organizations, schools, colleges and universities, environmental activists, civil society, art curators and more...



World Soil Day 2023 campaign materials

Balancing soil moisture for nutrients assimilation and reduced water pollution

Overwatering can lead to excess of nutrients from the soil through leaching or water quality.

Adequate soil moisture is essential to facilitate nutrient uptake by plant roots.

Insufficient availability of water in the soil limits nutrient availability and plant growth.

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP

Green water supports crop growth and biomass production facilitating nutrient uptake

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP

4 actions for farmers to preserve soil moisture

- Keep a permanent soil cover
- Minimize or adopt zero tillage to conserve soil structure
- Harvest rainwater to reduce dependency on surface and groundwater
- Opt for crop varieties adapted to the local available soil moisture

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP



El Suelo y el Agua: fuente de vida

5 de Diciembre, 2023

Organización de las Naciones Unidas para la Alimentación y la Agricultura | ALIANZA MUNDIAL POR EL SUELO

Soil and Water: a source of life

5 December, 2023



Healthy soil purify, drain and store water, making it an indispensable foundation for life on Earth

One cubic meter of healthy soil can retain over 250 liters of water.

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP

Soil and water lie at the heart of sustaining life on our planet

Soil health and the quality & availability of water are interconnected

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP

Soil erosion and soil compaction can result in a reduction of more than 40% in soil's capacity to retain water and increase the risk of landslides, flooding and sand/dust storms

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP

Each 1% increase in soil organic matter helps our soils hold 150 000 liters more water per hectare

1 ha

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP

We are not efficient in how we use our water and soil!

World's cultivated land

- Rainfed agriculture produces 90% of the world's food
- Irrigated agriculture consumes 70% of the world's freshwater

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP

Poor irrigation and drainage practices are some of the main drivers of soil salinization

Soils affected by salinity and sodicity reduce agricultural productivity.

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP

Healthy soils act as a carbon sink, helping to adapt to climate change and mitigate its effects.

Improved soil and water management improves the land's capacity to withstand extreme climate events such as droughts, floods, and fires.

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP

Healthy soil plays a crucial role as a natural filter, purifying and storing water as it infiltrates into the ground

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP

95% of our food comes from soils thanks to the power of water

Food and Agriculture Organization of the United Nations | GLOBAL SOIL PARTNERSHIP

Soil and Water: a source of life

Guarda più... Condividi

Guarda su YouTube

The symbiotic dance of soil and water...

Guarda più... Condividi

Guarda su YouTube

World Soil Day logo

A joined efforts to make the **WSD logo available in 106 languages,**
including **local dialects!**



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Photo contest

- **Objective:** raise awareness on the precious link between soil and water.
- **+ 500 submissions** received
- **+4228 interactions** on social media



Juan Miguel Torres Cabrera, Spain



Mark Lester Bagay, Philippines

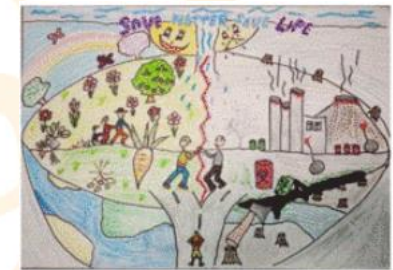


Raphael Belmin, Senegal



Kids2kids poster drawing

- **Objective:** to raise awareness on the importance of sustainable soil management through creativity and imagination.
- + **200 submissions** were received
- + **over 10 000** interactions!

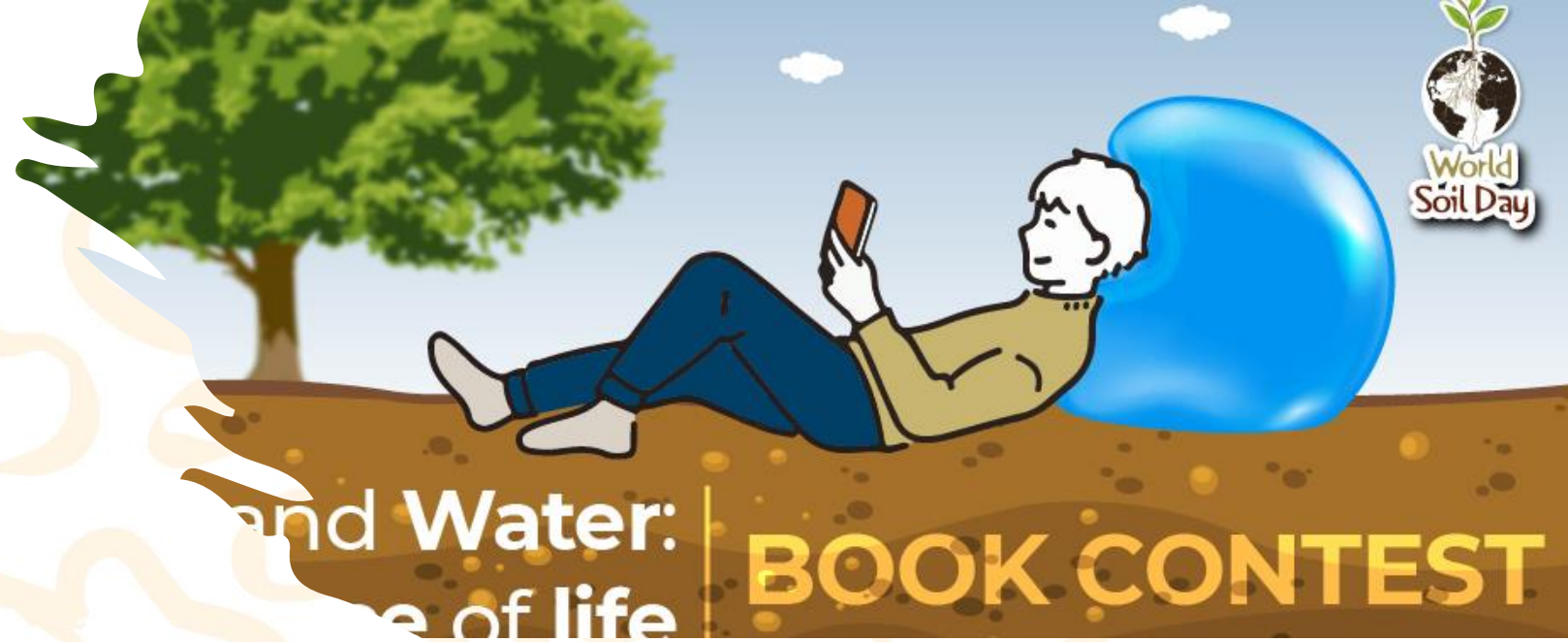


Soil and Water: **POSTER**
source of life **CONTEST**

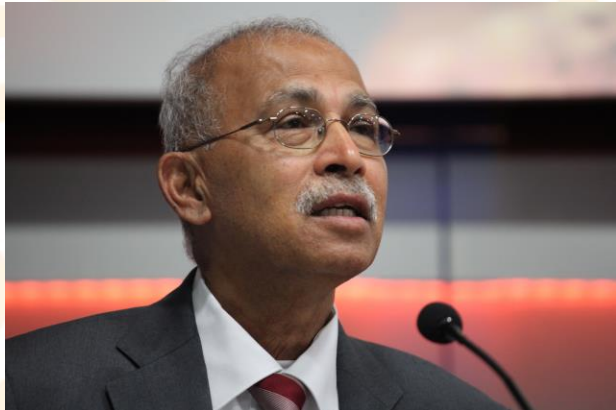


Book contest

- **Objective:** to invite soil scientists and designers to collaborate on creating freestyle book proposals for children.
- **50 submissions** received



Glinka World Soil Prize 2023



- ❖ Honors individuals or organizations committed to **solving acute national, regional or local problems of soil degradation**
- ❖ Consists of a **Glinka Medal and a check of USD 15 000** in memory of the prominent Russian scientist Konstantin D. Glinka

The **Glinka World Soil Prize 2023** was awarded to **Prof. Ravendra (Ravi) Naidu**, for his career spanning over three decades



Thanks to the financial support of the **Russian Federation**



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King Bhumibol World Soil Day Award 2023



- ❖ It praises the **best celebration** held in the framework of the previous year's **WSD communication campaign**
- ❖ Winner receives an award in the form of a **medal and a prize of USD 15000**

The Soil and Fertilizer Society of Thailand and the Thai World Soil Day Committee received the 2023 **King Bhumibol World Soil Day Award** for engaging millions across Thailand in celebrating soil and its importance.

Thanks to the financial support of the
Kingdom of Thailand



Land
Development
Department
of Thailand

**+50
submission
received**

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GLOBAL SOIL
PARTNERSHIP

World Soil Day 2023

For more information

DOWNLOAD



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World Soil Day 2024

Caring for soils: measure, manage, monitor



The WSD 2024 theme: *Caring for soils: measure, manage, monitor* will be an opportunity for all to engage even more people and countries in the celebrations on the theme of **soil data and information**

WSD 25! (proposals to be submitted to GSP PA12)

- a) Unlocking soil's secrets for green cities*
- b) Nurture soils and build green cities*
- c) Sustain green cities with healthy soil,*
- d) Soil, the vibrant heart of green cities.*

- Restore sealed soils and celebrate urban soils
- From sealing to healing: restoring urban soils for green cities
- Beyond soil sealing: cultivating growth and urban soils

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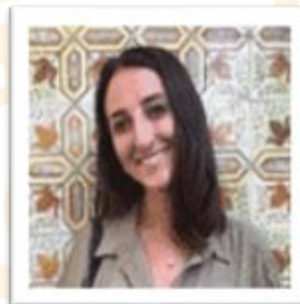
Com team



Matteo Sala
Design/art director



Maria Chiara Humura
Website & more



Margherita Furenti
Website & more

PART-TIME



Giusy Emiliano
Art curator & more



Isabelle Verbeke
Overall coordination

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