



NEWS BULLETIN

# Plants and Pollution

## ENVIS RP-NBRI

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Vol. 12, December 2020

### World Soil Day-2020

CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE, LUCKNOW

#### World Soil Day 2020: What We Can Do To Stop Soil Pollution

NDTV, 04 December 2020

World Soil Day: 'Keep soil alive, Protect soil biodiversity' is the theme for World Soil Day 2020. It is important for people to understand that our food security depends on healthy soil.

World Soil Day 2020: Soil is home to more than one-fourth of the Earth's biodiversity. World Soil Day on December 5 is one of the key dates on the UN calendar when outreach activities globally try to bring governments, businesses, non-profit groups, scientists and the people on the same page to understand the causes of soil erosion, soil pollution and how we can encourage soil conservation at the local level.

'Keep soil alive, Protect soil biodiversity' is the theme for World Soil Day 2020. It is important for people to understand that our food security depends on healthy soil.

World Soil Day 2020 will be different from other years as most interactions and discussions will be online due to the pandemic situation.

Controlling soil pollution is critical as micro soil organisms working continuously for preserving our ecosystem perish and bad soil management affects life below the ground.

World Soil Day 2020: Know why we must care about soil

- Soil is a living resource and home to more than 25% the planet's plant life
- 95% of our food comes from the soil
- Quality and quantity of fruits, vegetables and food grains depend on the health of the soil
- Soil organisms are constantly at work to sustain life on Earth
- Soil helps fight climate change and global warming

World Soil Day: What we must do to stop soil pollution

- Avoid single-use plastic
- Choose eco-friendly, gardening, cleaning and personal care products
- Dispose of hazardous waste like batteries responsibly
- Compost your food waste
- Adopt a plant-based diet
- Let's be the solution to stop soil..... [Read More.](#)

#### World Soil Day 2020: Current theme, history and all you need to know

India Today, 05 December 2020

World Soil Day 2020: The theme for World Soil Day 2020 is "Keep soil alive, protect soil biodiversity". World Soil Day also highlights the growing problem due to population expansion. Check here all you need to know. World Soil Day is celebrated on 5 December annually. It aims to raise awareness of the importance of maintaining healthy ecosystems and human well-being by addressing the growing challenges in soil management, fighting soil biodiversity loss, increasing soil awareness, and encouraging governments, organizations, communities, and individuals around the world to commit to proactively improving soil health.

World Soil Day also highlights the growing problem due to population expansion. Therefore, it is necessary to take a step to reduce the erosion of soil, to maintain fertility so that food safety can be ensured. The theme for World Soil Day 2020 is "Keep soil alive, protect soil biodiversity". This year's campaign "Keep soil alive, protect soil biodiversity" urges us to focus our attention on the workers below ground - from tiny bacteria to agile millipedes and slimy earthworms - all of which contribute to processes that are indispensable to life on Earth.

These days biodiversity loss is a worry and the soil is also affected. Soil is home to more than 1/4 of our planet's biodiversity. Yet, we only know 1% of this universe. There are more living creatures in a single teaspoon of healthy soil than there are people on Earth. In 2002, the International Union of Soil Sciences recommended celebrating World Soil Day annually on 5 December. Also, FAO supported the formal establishment of World Soil Day as a global awareness-raising platform under the leadership of the Kingdom of ..... [Read More...](#)



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### World Soil Day 2020: What Does it Mean? How The Day Came Into Existence and Why is it Significant?

India, 05 December 2020

World Soil Day is celebrated on December 5 each year, and was first marked by the International Union of Soil Sciences (IUSS) in 2002.

The day aims to throw light on the importance of keeping the soil healthy and advocates for sustainable soil management practices.

New Delhi: Did you know that December 5 is celebrated as World Soil Day every year? It is done to attract people's attention on the importance of healthy soil as well as stress on the importance of sustainable management of soil resources.

In 2019, the day was celebrated through 560 events in more than 100 countries. Soil is home to more than one-fourth of the Earth's biodiversity.

World Soil Day on December 5 is one of the important dates on the UN calendar when outreach activities globally try to bring governments, businesses, non-profit groups, scientists and the people on the same page to understand the causes of soil erosion, soil pollution and how we can encourage soil conservation at the local level.

The theme of World Soil day 2020, according to the Food and Agriculture Organization (FAO) campaign, is "Keep soil alive, protect soil biodiversity".

By encouraging people around the world to engage in proactively improving soil health, the campaign aims to fight soil biodiversity loss. It is important for us to understand that our food security depends on healthy soil.

World Soil Day 2020 is different from other years as most interactions and discussions are being held online due to the COVID-19 pandemic..... [Read More...](#)

### World Soil Day 2020: All you need to know the problems that soil face, Let's strive to protect it

The Hans India, 05 December 2020

Soil is one of the most important natural resources of nature where all the living things and the survival of mankind depend on. Crops thrive only when the land is fertile and thus agriculture becomes profitable and make economic progress. They say if the farmer is good then all the other communities will be on the path of progress in all sectors. However, with a lack of awareness, soil and water conservation measures are becoming less common. World Soil Day has been celebrated around the world on December 5 every year since 2013 to emphasise on the preservation of the nature of the soil. In this order, various programs are being carried out to bring awareness among the people on soil and water conservation measure. While this year's campaign for the World Soil Day is to "Keep soil alive, Protect soil biodiversity" that aims to bring awareness on maintaining healthy soil.

#### Impact of chemical fertilizers on Soil

With the hope of higher yields as well as more commercial ideas, the farmers these days have started using chemical fertilizers and pesticides indiscriminately whether the crops needed it or not due to which change in the physical properties of the soil are changed. The lands gradually became shallow and the crops became more plentiful. Food products are high in pesticide residues and increasing air pollution endangering public health.

Apart from that, fertile soils cannot be provided for the future with the chemicals. The survival of agriculture in the near future is in danger. Agriculture and community development are possible only when water conservation measures are taken along with the soil..... [Read More...](#)