



KAMARAJ IAS ACADEMY
Only IAS Academy by Grandson of "Per.uthalaivar Kamarajar"

MAP OF THE DAY 24-04-26

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Kamaraj IAS Academy

Plot A P.127, AF block, 6 th street, 11th Main Rd, Shanthi Colony, Anna Nagar, Chennai, Tamil Nadu 600040

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KAMARAJ IAS ACADEMY

MAP OF THE DAY WORLD

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KAMARAJ K
HONORARY DIRECTOR



Friday, 24 April 2026



Arctic Ocean

- The **Arctic Ocean** is the **smallest and shallowest of the world's oceans**, located around the **North Pole** and almost completely surrounded by land. It lies within the **Arctic Circle** and is bordered by **North America, Europe, and Asia**, connecting to the **Atlantic and Pacific Oceans** through narrow passages.
- It covers about **14 million square kilometers** and plays an important role in **global climate regulation**.
- Its average depth is around **1,200 meters**, making it the shallowest ocean, with large **continental shelves**.
- It remains covered with **sea ice** for most of the year, which expands in winter and shrinks in summer.
- Its **salinity** is lower than other oceans due to **river inflow** and **melting ice**.
- It includes marginal seas such as the **Barents Sea** and **Beaufort Sea**, which support **marine ecosystems**.
- The permanent ice cover, known as the **Arctic ice cap**, reflects **solar radiation** and affects **climate balance**.
- Despite harsh conditions, it supports **marine life** such as **seals, whales, and cold-adapted fish species**.
- The **polar bear** is a key species that depends on **sea ice** for survival and hunting.
- Major rivers like the **Lena River** and **Mackenzie River** bring **freshwater and nutrients** into the ocean.
- The Arctic Ocean has potential reserves of **oil and natural gas**, attracting global interest.
- Melting ice is opening new **shipping routes** like the **Northern Sea Route**, reducing travel time between continents.
- The Arctic is warming faster than the **global average**, causing rapid **ice and glacier melt**.

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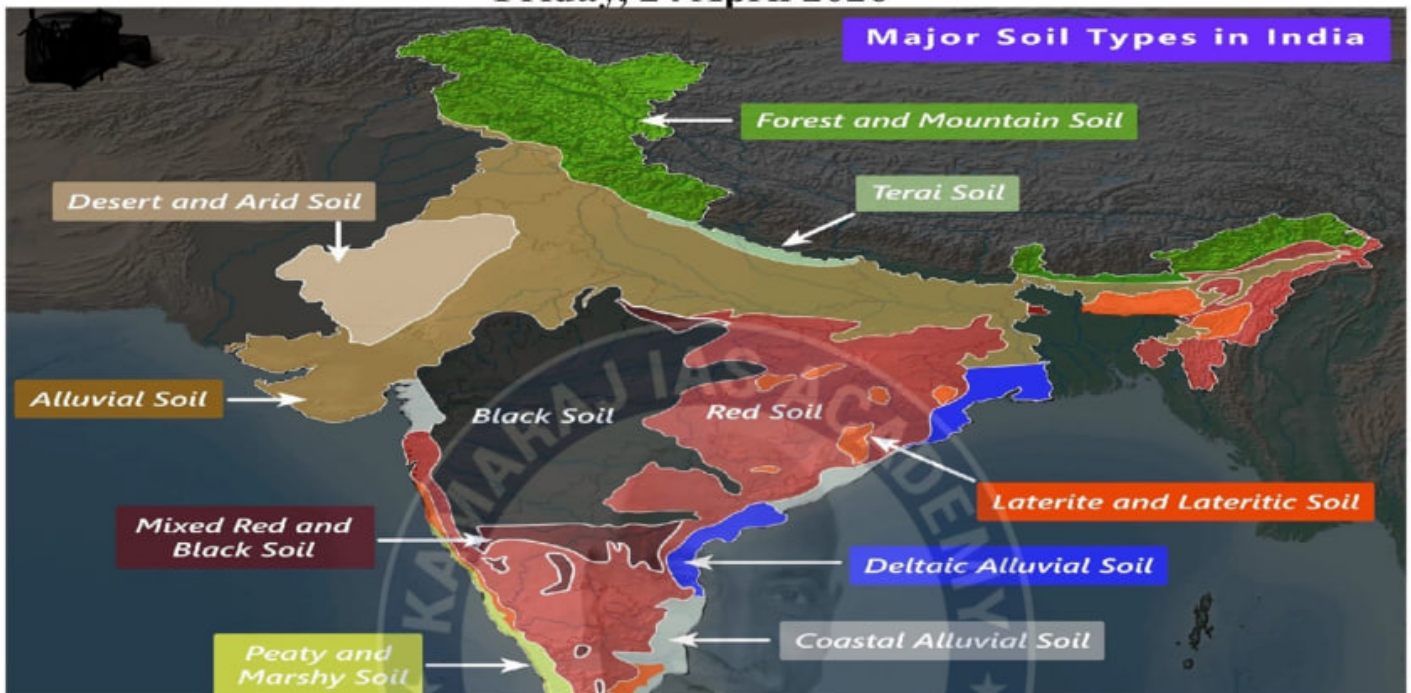
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Black soil

- **Black soil**, also known as **Regur soil**, is one of the most important soil types in **India** and is especially suitable for **cotton cultivation**.
- It is mainly found in **Maharashtra, Madhya Pradesh, Gujarat, and parts of Andhra Pradesh and Tamil Nadu** across the **Deccan Plateau**.
- It is formed from the weathering of **volcanic rocks such as basalt**, associated with the **Deccan Traps**.
- It appears black due to **iron, aluminium compounds, and humus**, which also help in **heat and moisture retention**.
- It has **high water retention capacity**, allowing moisture storage for long periods and supporting **dry farming**.
- It is rich in minerals like **calcium carbonate, magnesium, potash, and lime**.
- It is generally **alkaline in nature** with pH ranging from neutral to moderately alkaline.
- It is best suited for crops like **cotton, sugarcane, wheat, and oilseeds** and is called **black cotton soil**.
- It supports agriculture in regions with **moderate rainfall and high temperatures** under **semi-arid conditions**.
- Its depth varies from **shallow to deep**, with deeper soils being more **fertile and productive**.
- It is classified into **shallow, medium, and deep black soils** based on depth and fertility.
- It plays a major role in **India's agricultural economy** by supporting **cash and food crops**.
- It is locally called **Regur soil** in many regions and is closely linked to **cotton-growing belts**.
- It supports **ecological balance** and requires proper management to maintain productivity.

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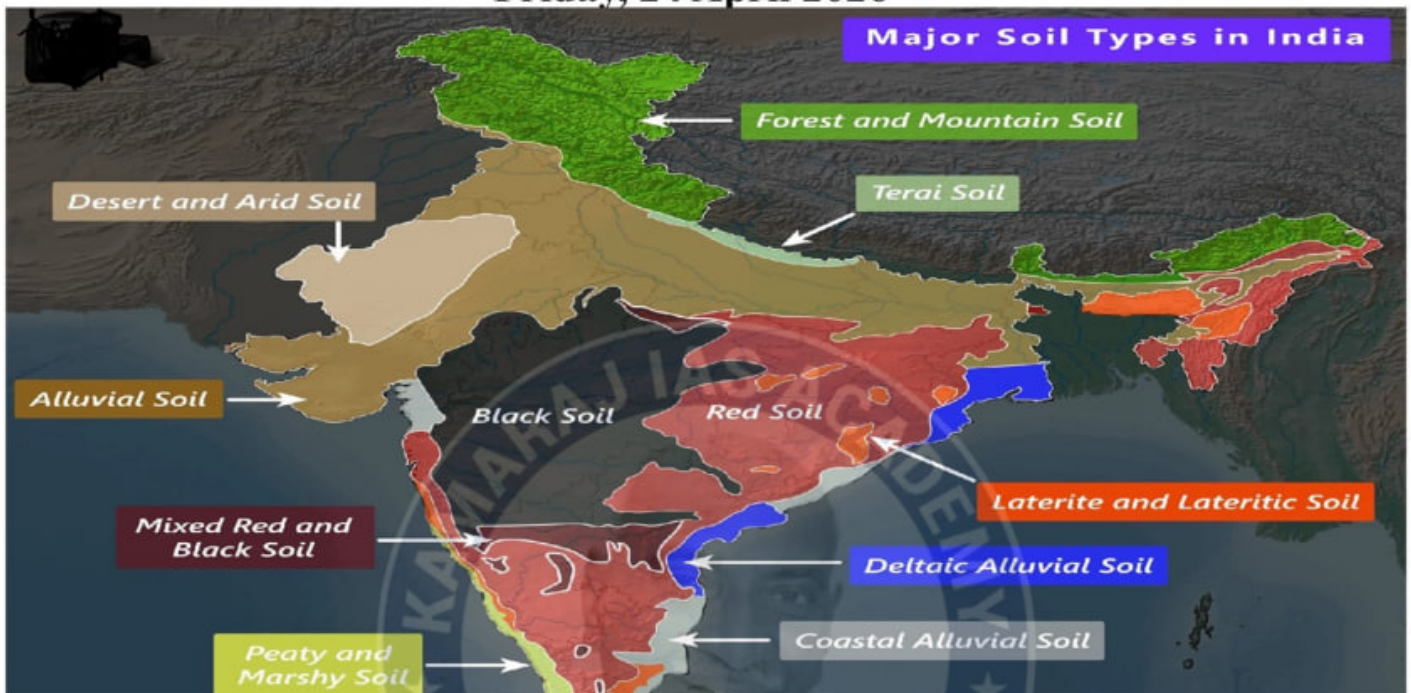
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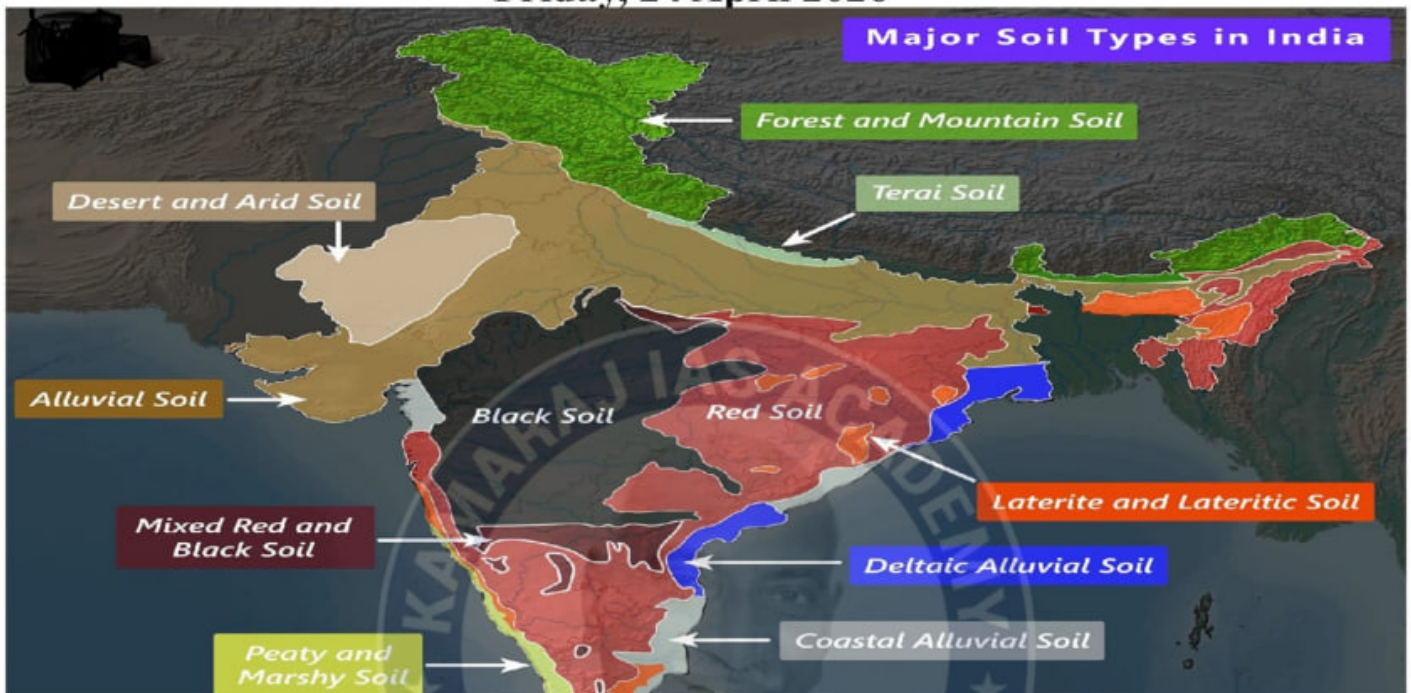
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