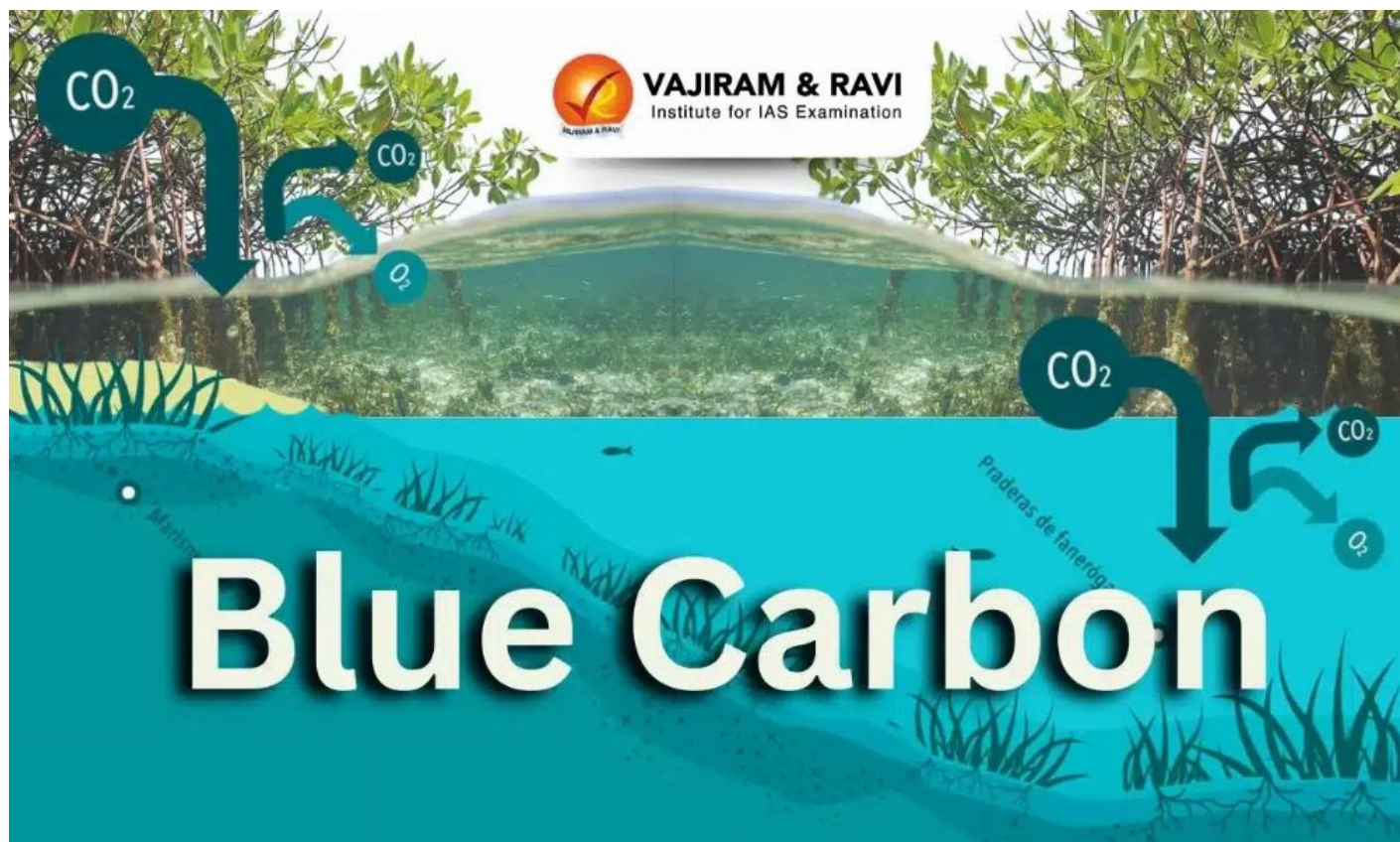


Blue Carbon

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Blue Carbon Latest News

Seaweed farming has emerged as a potential Blue Carbon strategy, yet empirical estimates of carbon burial from such farms remain lacking in the literature.

About Blue Carbon

- Blue Carbon refers to **organic carbon captured and stored by the ocean in vegetated coastal ecosystems** such as mangrove forests, saltmarshes, or seagrass meadows.
- “Blue” refers to the watery nature of this storage.
- The **vast majority** of blue carbon is **carbon dioxide** that has **dissolved directly into the ocean**.
- Much **smaller amounts** are stored in **underwater sediments, coastal vegetation, and soils; carbon-containing molecules**, such as DNA and proteins; and ocean life from whales to phytoplankton.
- These ecosystems **store massive amounts of carbon**, making them an integral part of global efforts to combat climate change.
- They cover just **2% of the total ocean surface** but account for **50% of the ocean’s carbon absorption**.

Source: RG

Source: <https://vajiramandravi.com/current-affairs/blue-carbon/>

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