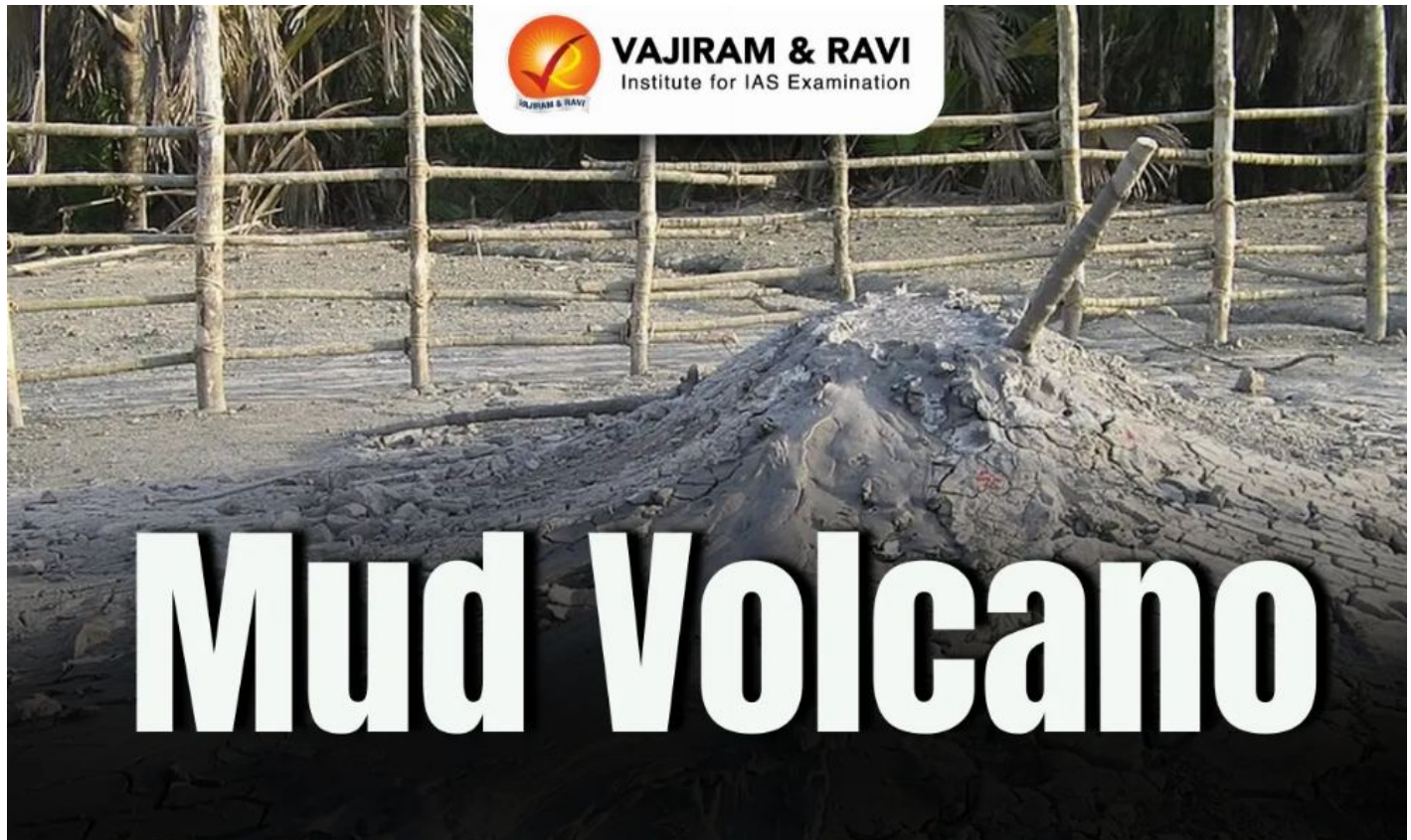


Mud Volcano

February 12, 2026 • vajiramandravi.com



Mud Volcano Latest News

A mud volcano suddenly erupted in Diglipur, Andaman Islands, recently.

About Mud Volcano

- It is a **mound of mud heaved up through overlying sediments.**
- The **craters** are **usually shallow** and may **intermittently erupt mud.**
- These **eruptions continuously rebuild the cones**, which are eroded relatively easily.
- **Some mud volcanoes** are **created by hot-spring activity** where large amounts of gas and small amounts of water react chemically with the surrounding rocks and **form a boiling mud.**
 - **Variations** are the **porridge pot** (a **basin of boiling mud that erodes** chunks of the **surrounding rock**) and the **paint pot** (a **basin of boiling mud** that is **tinted yellow, green, or blue by minerals** from the surrounding rocks).
- **Other mud volcanoes**, entirely of a **nonigneous origin**, **occur only in oil-field regions** that are relatively young and have soft, unconsolidated formations.

- Under compactional stress, **methane and related hydrocarbon gases mixed with mud force their way upward and burst** through to the surface, **spewing mud** into a conelike shape.
- Because of the compactional stress and the depth from which the mixture comes, the mud is often hot and may have an accompanying steam cloud.
- Mud volcanoes, also known as “sedimentary volcanoes” or “gas-oil volcanoes,” are **close cousins to magmatic volcanoes**.
 - Like magmatic volcanoes, they can **erupt powerfully and hurl flames to great heights**, sometimes even several hundred meters.
 - **Instead of hot lava, it spits out mud, water, and gases** from deep inside the Earth.
- Mud volcanoes **also exist on the floor of the sea** and can form islands and banks that alter the topography and shape of the coastline.
- Approximately **1,000 mud volcanoes** have been identified **on land and in shallow water**.
- **In India, the only mud volcano lies in Baratang Island**, a part of the **Andaman** chain of islands.

Source: MC

Source: <https://vajiramandravi.com/current-affairs/mud-volcano/>

© Vajiram & Ravi. For personal use only.