

Earth's Black Box

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In news- Scientists are developing a black box for earth in Tasmania, an Australian island.

About Earth's Black Box-

- It is being **developed by researchers from the University of Tasmania.**
- This **vault is a 33-foot-long box made of 3-inch-thick steel.**
- It will **record the Earth's warming weather patterns** and it will listen to what we say and do.
- It will **create an archive** that could be critical to piecing together the missteps should humanity be destroyed by climate change.
- It will **operate much like a plane's flight recorder**, which records an aircraft's final moments before crashing.
- It will record leaders' actions (or inaction) by scraping the internet for keywords relating to climate change from newspapers, social media and peer-reviewed journals.
- **It will collect daily metrics, including average oceanic and land temperatures**, atmospheric carbon dioxide concentration and biodiversity loss.
- Its data will be stored on a giant, automated, solar-powered hard drive with a capacity to collect information for about 50 years.
- This steel vault **will be constructed in Tasmania**, an Australian island state off the south coast.
- Tasmania was chosen for its relative geopolitical and environmental safety, and the monolith will be designed to be resilient against threats including cyclones, earthquakes and, with its sloped walls, attacks by vandals.