



# Earth's Black Box

## Why in News

Australian scientists and artists are going to **make black box of the planet** to hold the world accountable for their actions by creating a black box of the planet.



## Key Points

### ▪ About:

- The box will be constructed in **Tasmania, an Australian island state** off the south coast.
- It will be made with **3-inch thick steel and covered with solar panels**.
- It will **operate much like a plane's flight recorder**, which records an aircraft's final moments before crashing.
- The storage drives **inside Earth's Black Box** are designed to **last for around 30 to 50 years**.
- The black box will be **around the size of a city-bus**, and inside there will be **storage drives that record climate change conversations** and also atmospheric carbon dioxide levels and average temperatures.

### ▪ Types of Data Collection by the Box:

- Two different types of data will be collected and stored inside the monolith.
  - It will collect **climate-change-related data** like land and sea temperature measurements, [species extinction](#), energy consumption, human population, [ocean acidification](#), and atmospheric CO<sub>2</sub> levels.
  - It will collect contextual data, like newspaper headlines and trending stories, key news stories and social media posts.

### ▪ Reason for choosing the Tasmania:

- 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.

▪ **Significance:**

- Black box will **actually help in preventing a major climate change catastrophe**.
- [Climate change](#) is **one of the gravest threats humanity faces and is exacerbating economic and health inequalities**, increasing the frequency and intensity of natural disasters and threatening the world's food supply.

[Source: IE](#)

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