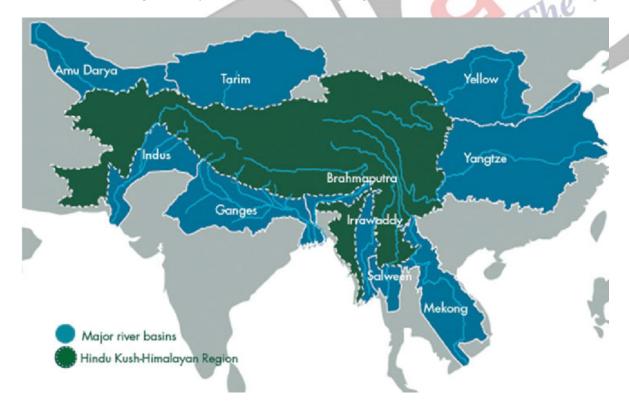


Yala Glacier Declared Dead

Source: DTE

The <u>International Centre for Integrated Mountain Development (ICIMOD)</u> held a ceremony to commemorate the **rapid retreat** of Nepal's **Yala Glacier** in **Langtang Valley**, which is threatened to **vanish by 2040** due to <u>climate change</u>.

- This tribute is part of Nepal's role in the <u>UN International Year for Glaciers Preservation</u>
 2025 and part of the inaugural Sagarmatha Sambad (mountain dialogue) summit 2025 by Nepal.
- Yala Glacier: Yala Glacier, situated in Langtang Valley, Nepal, within the <u>Hindu Kush</u> <u>Himalayan (HKH) region</u>, is the first glacier in Nepal to be declared "dead" as it has shrunk by 66% since the 1970s.
 - Glaciers are declared "dead" when they no longer show movement or flow under their own weight.
 - It is the **first glacier in Asia to bear a climate memorial plaque**, with messages in English, Nepali, and Tibetan languages.



- Glaciers: A glacier is a large, long-lasting mass of ice and debris that forms on land and slowly moves downhill due to gravity.
 - Glaciers are distributed mainly in Antarctica (91%) and Greenland (8%), with less than 1% in North America, Asia, Europe, Africa, New Zealand, and Indonesia; Australia has none.

- Between 2000 and 2023, glaciers lost 6,542 billion tons of ice, causing an 18 mm rise in global sea levels, exposing an additional 2-3 lakh people to flooding per millimeter rise.
- Glacier melt is the second-largest contributor to <u>sea-level rise</u> after <u>ocean</u> <u>warming.</u>

Read More: 2025 as International Year of Glaciers' Preservation

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