



World Water Day 2025

Theme: Glacier Preservation

March 22, 2025

World Water Day is observed on 22nd March every year by The United Nations. The theme for the year 2025 is "**Glacier Preservation**," emphasizing the critical role glaciers play in sustaining the global water supply. Glaciers are melting rapidly, disrupting water flows and affecting millions through floods, droughts, and rising sea levels. Mitigating climate change and adapting to the loss of glaciers is essential to protect communities and ecosystems.

The theme emphasizes the need for global action to manage melt-water sustainably and reduce emissions, securing vital water resources for the future.

The theme highlights the essential role glaciers play in providing freshwater to millions of people. Glaciers store roughly 70% of the world's fresh water, serving as critical sources for drinking water, agriculture, and hydropower. However, the rapid retreat of glaciers, driven by climate change, threatens these vital resources. The theme urges global action to protect glaciers, which are not only crucial for water supply but also for sustaining the ecosystems dependent on glacial melt-water.

Efforts to preserve glaciers require a multifaceted approach, including reducing greenhouse gas emissions, promoting sustainable energy, and implementing policies aimed at conserving these natural resources. Technological advancements, such as satellite monitoring and climate models, are essential in assessing glacier health and predicting future changes. Conservation initiatives in glacier-rich regions are also vital in mitigating human impact and ensuring the continued flow of glacial water. By prioritizing glacier preservation, we secure vital freshwater, protect biodiversity, and enhance the resilience of vulnerable communities against climate change.

The Institution of Engineers (India) earnestly urges all the IEI State & Local Centres, as well as its affiliated entities, to observe the World Water Day-2025, actively participating in the associated activities.