

## International Year of Glaciers' Preservation 2025 and the World Glaciers Day

Section 1: General Information	
Summary	The UN's International Year of Glaciers' Preservation and World Day for Glaciers aim to raise global awareness about the critical role of glaciers, snow and ice in the climate system and the hydrological cycle, and the economic, social and environmental impacts of the impending changes in the Earth's cryosphere. The International Year and World Day for Glaciers also aim at encouraging the exchange of knowledge and best practices regarding adaptation strategies.
Proponent Name(s)	United Nations Educational, Scientific and Cultural Organization (UNESCO) World Meteorological Organization (WMO)
Proponent Type	UN Agencies
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Region	Mediterranean

Section 2: Commitment	
Linkages to SDG 6	Implement Integrated Water Resources Management, Protect and Restore Water-Related Ecosystems
Target	<ul style="list-style-type: none"> <li>· Raise Awareness: Increase public and stakeholder awareness at all levels about the importance of snow and ice in the climate system, hydrological cycle and global water resources, the differential impacts of snow and ice changes on downstream communities and ecosystems, and the urgent action needed to develop adaptation strategies.</li>   <li>· Promote Action: Facilitate the implementation of sustainable measures and best practices for the preservation of snow and ice, encouraging transboundary cooperation, knowledge-sharing, and innovative approaches.</li>   <li>· Enhance Scientific Understanding: Support scientific research and monitoring initiatives to improve the understanding of snow and ice changes, the impacts of climate change, possible loss and</li> </ul>

	<p>damages and the implications for communities, ecosystems and water resources.</p> <ul style="list-style-type: none"> <li>· Strengthen Policy Frameworks: Advocate for robust policy frameworks at national, regional, and international levels to address the preservation of snow and ice, incorporating climate change adaptation, sustainable water management, and disaster risk reduction strategies.</li> <li>· Strengthen Financial Support: Ensure financial resources are made available to support snow and ice monitoring and management of the impact of climate change on snow and ice melt and downstream impacts.</li> </ul>
Linkages to other SDG	Climate Action, Partnerships For The Goals

Section 3: Actions and Outcomes to Achieve Targets	
Relevant Sub-Theme	Water Security and Prosperity, Water for Humans and Nature, Disaster Risk Reduction and Management, Governance, Cooperation and Hydro-diplomacy, Knowledge and Innovation
Actions and Outcomes	<ul style="list-style-type: none"> <li>· Increased Awareness: Heightened public and stakeholder awareness of the importance of glaciers and the need for their preservation, leading to greater support for sustainable measures.</li> <li>· Enhanced Collaboration: Strengthened collaboration and knowledge-sharing among stakeholders, including governments, scientists, civil society, and local communities, fostering transboundary and regional cooperation.</li> <li>· Policy Advances: Improved policy frameworks and integration of glacier preservation into national and international agendas, including climate change adaptation, water management, and disaster risk reduction strategies.</li> <li>· Scientific Insights: Expanded scientific understanding of snow and ice dynamics, climate change impacts, and associated risks, leading to more effective mitigation and adaptation strategies.</li> <li>· Cryosphere Initiatives: Increased implementation of sustainable measures for cryosphere systems, including community-led, citizen science initiatives, monitoring systems, innovative technologies, and integrated water resource management approaches.</li> <li>· Increase in funding support: By strengthening financial support, we can ensure the availability of adequate resources to monitor snow and ice, understand their changes, and effectively manage the impacts of climate change on water resources. This will contribute to</li> </ul>

	the resilience of communities, ecosystems, and economies that depend on snow and ice for water supply and other critical services.	
Implementation Period	Start Period	5/1/2024
	End Period	5/1/2026
Financial Commitment	A trust fund was established following the UNGA 2022 resolution A/RES/77/158 to be coordinated by the UN Secretary-General, in partnership with UNESCO and WMO, to support countries in addressing issues related to accelerated melting of glaciers and its consequences. The resolution invites governments, intergovernmental and non-governmental organizations, major groups, other relevant stakeholders, and donors to voluntarily contribute to the trust fund in support of activities for glaciers' preservation.	