



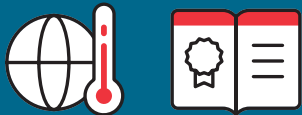
Helping standards developers consider climate change adaptation and mitigation.

How do I incorporate disaster preparedness, resilience to climate impacts, and GHG reductions into this standard?

The guidelines provide principles for incorporating climate change issues, impacts, risks and opportunities into new and existing standards.

Climate Change and Standards

A “how to” guide



THE POWER OF STANDARDS: BUILDING RESILIENCE AND PREPAREDNESS

With support from the Standards Council of Canada (SCC), ISO’s Climate Change Coordination Committee (CCCC) developed the ISO Guide 84 to be used widely across sectors. The guide helps organizations build resilience and preparedness for future climate impacts. It addresses low-carbon transition risks and opportunities.

Standards in (Climate) Action: The blueprint for resilient and sustainable communities

ISO Guide 84:2020 – Guidelines for addressing climate change in standards

The challenge: Promoting climate action through standards

Global climate change is causing increased temperatures, variable precipitation, sea level rise and more frequent extreme weather events. These changes are threatening environmental, social, economic and structural systems around the world.

Action on adaptation and mitigation is needed to reduce the adverse impacts of climate change. Standards that consider climate change adaptation and mitigation can contribute directly to achieving sustainability and address climate change. Indirectly, standards are important for testing, product development, procedures, services, terminology, management systems or assessments.

About the standard

Objective: To help standards developers incorporate climate change adaptation and mitigation in planning, drafting, revising and updating standards.

Result: The International Organization for Standardization (ISO) published the ISO Guide 84:2020 in July 2020.

Impact: A standard for standards developers

ISO Guide 84 outlines a framework and general principles that standards developers can use to systematically address issues, impacts, risks or opportunities related to climate change adaptation and mitigation.

Considerations related to adaptation are intended to contribute to:

- increasing preparedness
- reducing disaster
- improving the resilience of organizations and their technologies, activities or products

Considerations related to mitigation consist of approaches that seek to avoid, reduce and limit the release of GHG emissions and/or increase GHG removals.

Next steps

The guide can be used during all stages of the standards development process. This includes the revision stage for existing standards. Developers are encouraged to collaborate with subject matter experts when possible. When standards developers address climate change in existing or new standards, the result can be an increased awareness of climate change issues among the user community across various market sectors.

The ISO CCCC is gathering feedback on the guide and following progress on incorporating climate change into international standards. Currently, the ISO Technical Committee 8/SC 11 Intermodal and Short Sea Shipping is using the guide to develop their standards.