**Purpose, objective: N-shot prompts**

**Prompt:**

Using only the attached report answer the following question, and indicate in the answer what parts are from the report and what parts from your own knowledge:

Example 1: Reforestation = Conversion to forest of land that has previously contained forests but

that has been converted to some other use.

Example 2: Global warming = Global warming refers to the increase in global surface temperature relative to a baseline reference period, averaging over a period sufficient to remove interannual variations (e.g., 20 or 30 years).

Example 3: Climate governance = The structures, processes, and actions through which private and public actors seek to mitigate and adapt to climate change.

Question: What is maladaptation?

Report\_07\_IPCC\_AR6\_SYR\_FullVolume 13.txt

**Answer** :

**Maladaptation** is defined in the IPCC AR6 Synthesis Report as:

**"Actions that may lead to increased risk of adverse climate-related outcomes, including via increased greenhouse gas (GHG) emissions, increased or shifted vulnerability to climate change, more inequitable outcomes, or diminished welfare, now or in the future. Most often, maladaptation is an unintended consequence."**  
***(Source: IPCC AR6 Synthesis Report, Annex I: Glossary)***

**Additional insights from the report:**

* Maladaptation can occur when actions focus narrowly on specific sectors or short-term gains, leading to **lock-ins of vulnerability and risk** that are difficult to reverse.
* Examples include:
  + **Urban infrastructure** that cannot be easily adjusted to future climate conditions.
  + **High-cost irrigation** in areas expected to face more intense droughts.
  + **Seawalls** that protect in the short term but increase long-term exposure if not part of a broader adaptive strategy.
* Maladaptation often **exacerbates existing inequalities**, particularly affecting marginalized and vulnerable groups such as Indigenous Peoples, ethnic minorities, and low-income households.
* It can also **reduce ecosystem resilience** by constraining ecosystem services and biodiversity.

**How to avoid maladaptation (from the report):**

* Through **flexible, multi-sectoral, inclusive, and long-term planning**.
* By integrating adaptation actions that provide **co-benefits across sectors and systems**.
* Ensuring that adaptation strategies are **context-sensitive** and **equity-focused**.

Let me know if you'd like a visual summary or examples of maladaptation in specific sectors like agriculture, cities, or coastal areas.

**Observation**: GOOD, it used the glossary following the examples provided in the prompt!!!! This is posiive compared to other prompts without examples, where it uses the document body to provide the definition instead of the Glossary. So, very good behaviour. NICE. Very complete answer.

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