

Session 1: Introduction to drought management global and local context

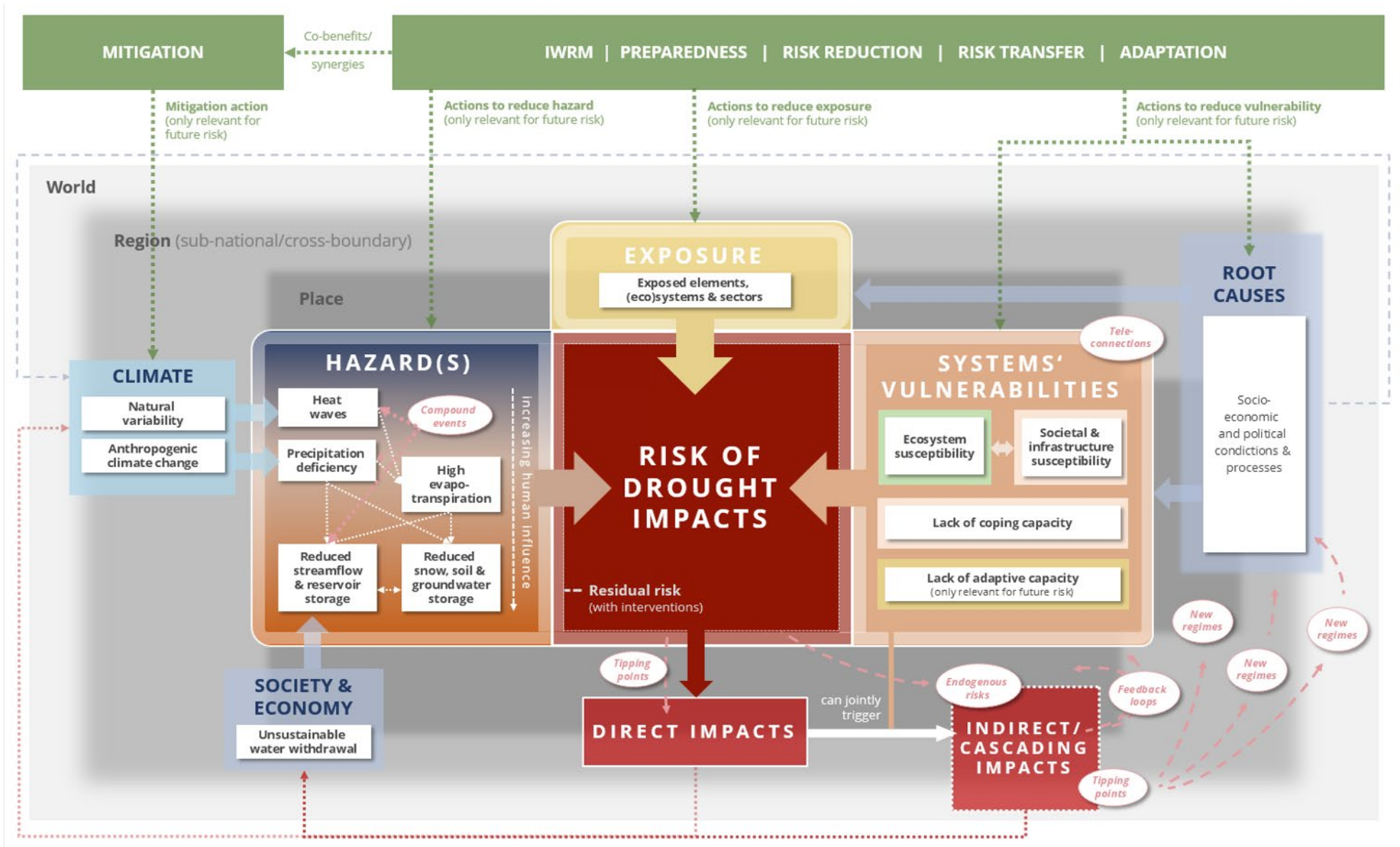
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26 February 2024



Drought is costly.



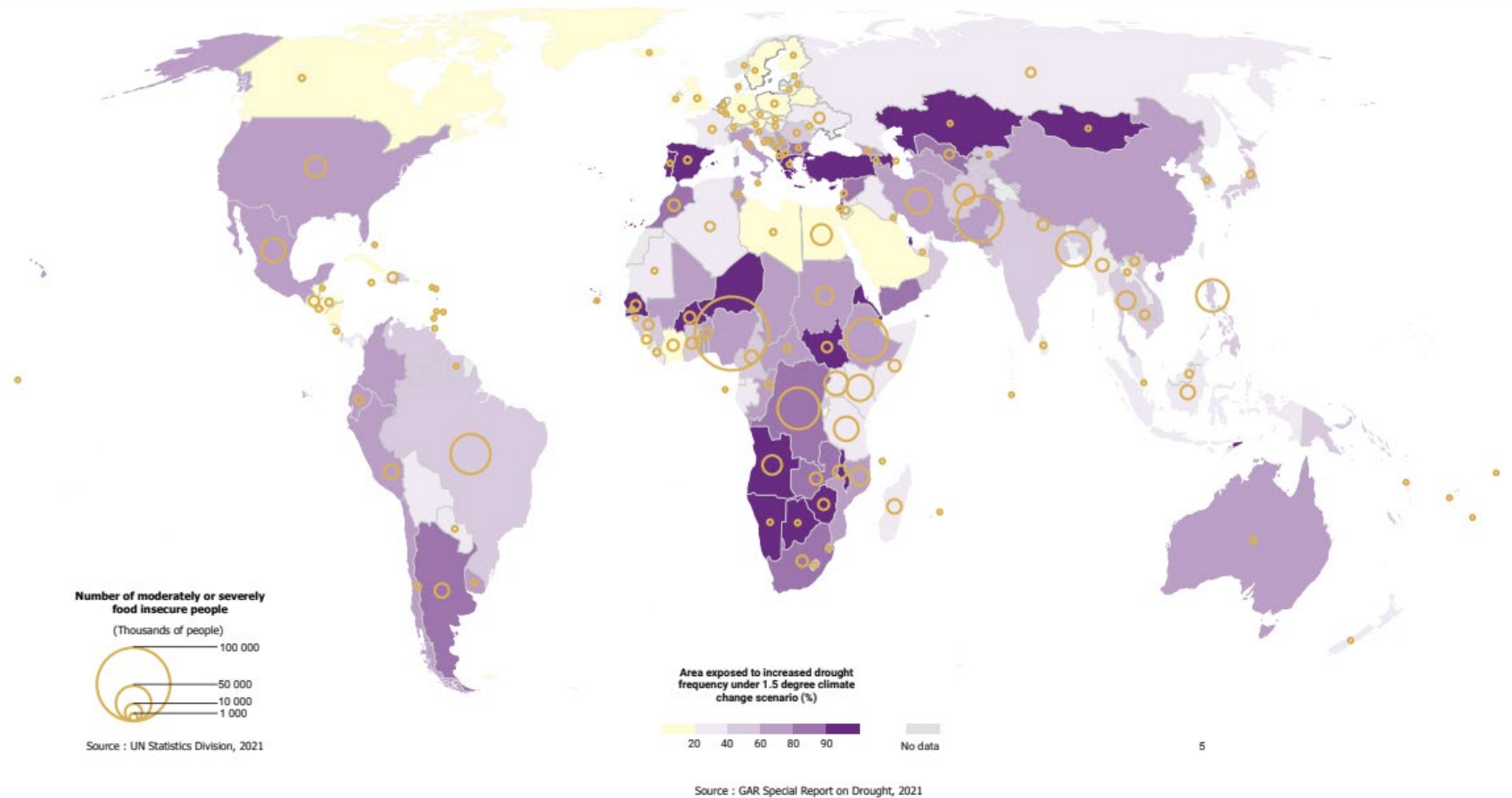
The complexity of drought, drought response, and systemic risks



Due to the widespread & cascading impacts – often not explicitly attributed to the drought – damage & costs are usually seriously underestimated.

Resilience deficit: Increasing drought risk and food insecurity

Map 3. Percentage of country area exposed to increased drought frequency under a 1.5°C climate-change scenario and current prevalence of moderate or severe food insecurity in the total population (SDG Indicator 2.1.2 and 2.4.1)



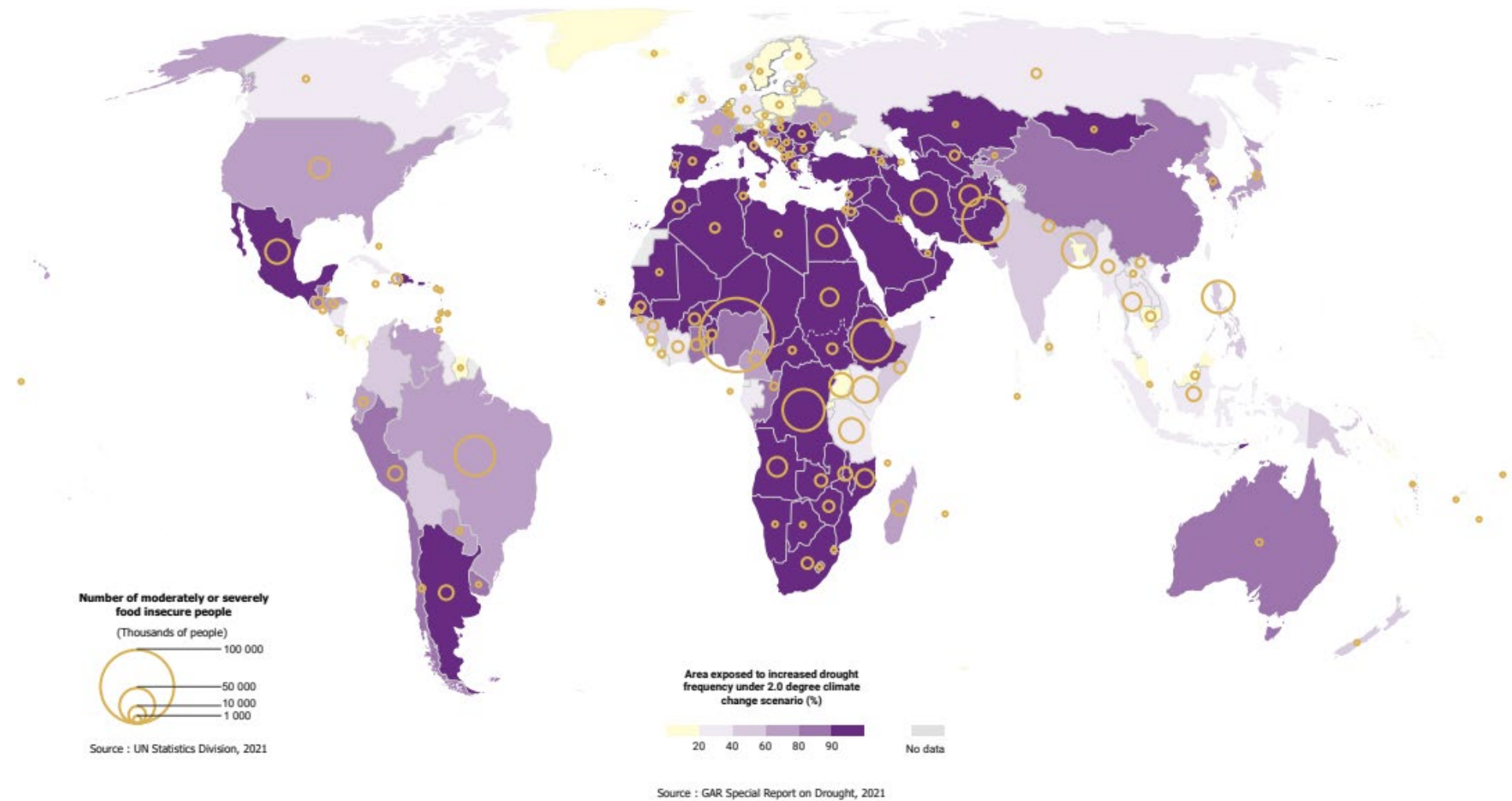
The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations. Dotted line represents approximately the Line of Control in Jammu and Kashmir agreed upon by India and Pakistan. The final status of Jammu and Kashmir has not yet been agreed upon by the parties. Final boundary between the Republic of Sudan and the Republic of South Sudan has not yet been determined. A dispute exists between the Governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

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Jun 2023



Resilience deficit: Increasing drought risk and food insecurity

Map 4. Percentage of country area exposed to increased drought frequency under a 2.0°C climate-change scenario and average prevalence of moderate or severe food insecurity in the total population between 2019 and 2021 (SDG Indicator 2.1.2 and 2.4.1)



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ACTION CASE: SAHEL REGION

Accelerating the greening of the Sahara through the Great Green Wall initiative

Managing slowly but steadily increasing pressures, such as desertification and soil erosion, requires durable and long-term responses. Setting these responses in motion early is important given the long lead times needed to steadily offset these encroaching risks. One example of such a durable response is the creation of a Great Green Wall (GGW) of vegetation along the southern edge of the Sahara, to counter climate impacts.

The aim is to restore 1 million km² of degraded land across 7,000 km of the Sahel, with the support of the 11 affected States and regional bodies. Although the original purpose was to counter desertification, the initiative broadened to focus on improving the livelihoods of the people who are largely dependent on rain-fed agriculture and livestock.



Toward adaptive risk governance: Vertical and horizontal paths



- Support the establishment of a global mechanism for drought management and innovative financing focused on systemic risks and opportunities
- Develop national drought resilience partnerships that work to ensure a seamless link with public, private and civil society partners at local levels