

# El Niño and Health

An introduction to the updated [Public Health Situation Analysis Oct-Dec 2023](#)



Public H

El Niño

Global Climate  
Covering July-S



## Public Health Situation Analysis

### El Niño

Global Climate Event

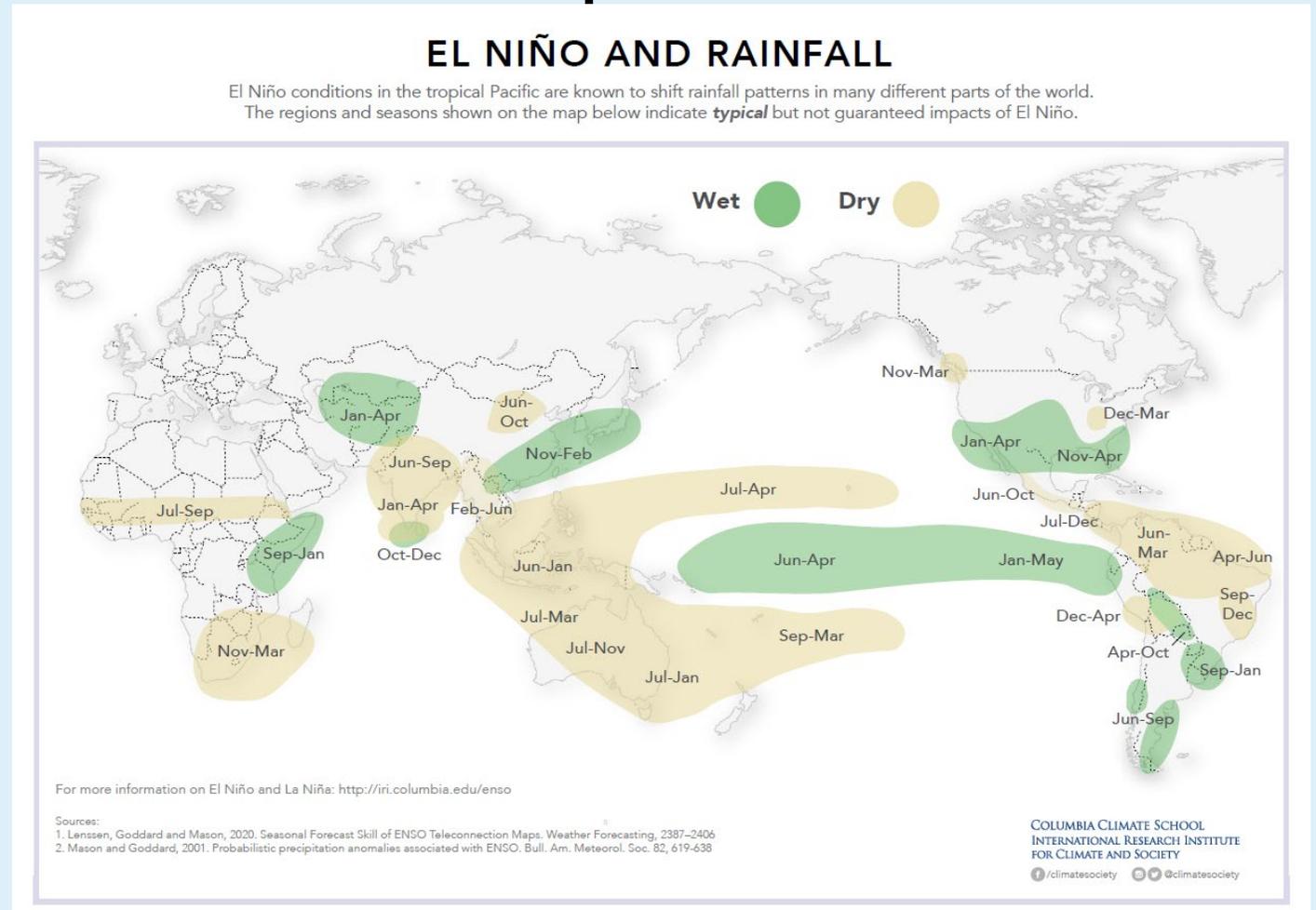
Covering October-December  
2023

**Population:** El Niño affected countries  
**Reporting period:** October-December 2023  
**Start date of event:** June 2023  
**Typology of event:** Heatwaves, drought, wildfires, floods, landslides, food insecurity, infectious diseases, cyclones

*This document has been prepared by the Department of Alert and Response Coordination with inputs from relevant technical experts within WHO and partners.*

# El Niño

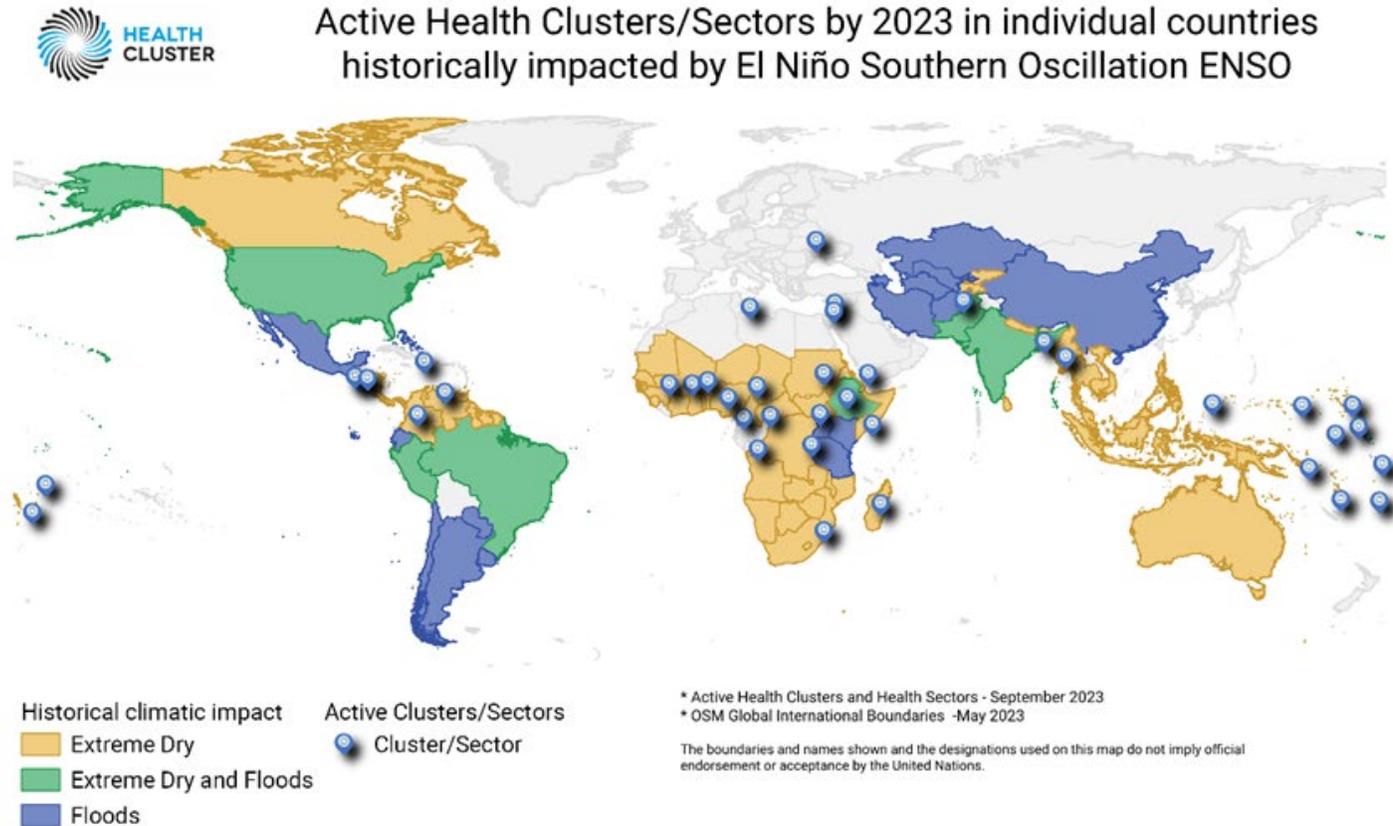
- An El Niño event has been declared for 2023/24, which will result in characteristic patterns of rainfall and temperature, including extreme events such as flooding and drought.
- Events typically lasts nine to 12 months, but can sometimes last for years.
- Most intensely impacts the tropics.
- The PHSA outlines how ENSO can have severe effects on key health determinants and disease regionally and at country level:
  - Impacts on food security, air and water quality, ecosystems and health infrastructure safety.
  - Altered transmission patterns of vector-borne, rodent-borne and waterborne diseases



# Increased health risks related to El Niño climatic conditions



# Many of the countries that will be most affected by El Niño are already experiencing humanitarian crises



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WHO and its health partners are currently confronting many health crises across the globe

The impending El Niño climatic impacts will exacerbate existing health risks, especially impacting very vulnerable populations already affected by ongoing humanitarian crises

With current humanitarian health needs far from being met, and with the expected health and food security impacts of El Niño to be even more significant in 2024 than in 2023, we face a daunting task.

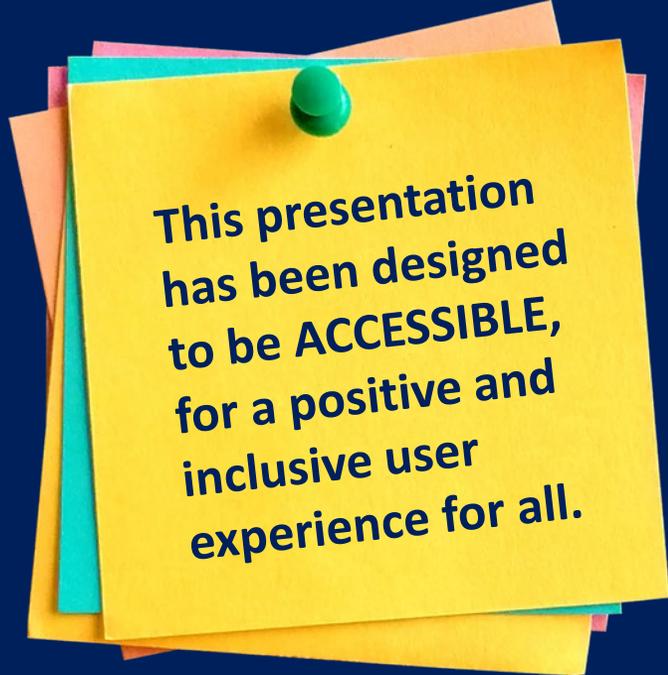
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# Thank you

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has been designed  
to be **ACCESSIBLE**,  
for a positive and  
inclusive user  
experience for all.