

# SETTING THE SCENE: WHAT POLITICAL CHANGE TO ADDRESS CLIMATE CHANGE

Cristina Monge,  
*University of Zaragoza*

// PUBLIC EVENT

Water scarcity and Drought:  
from crisis management to long  
term adaptation



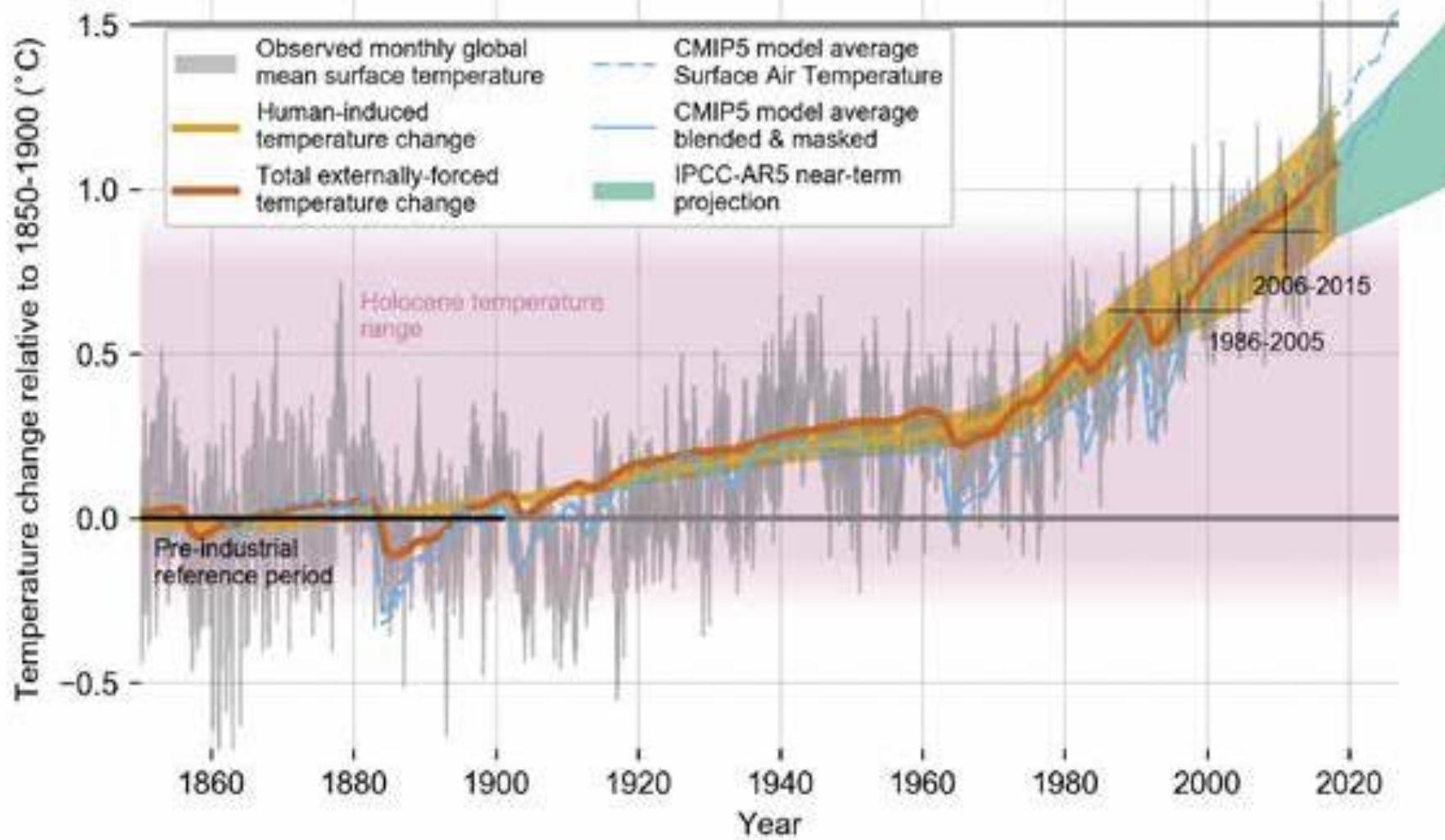
5 July 2022 | 11:00 to 15:30



Seville and online

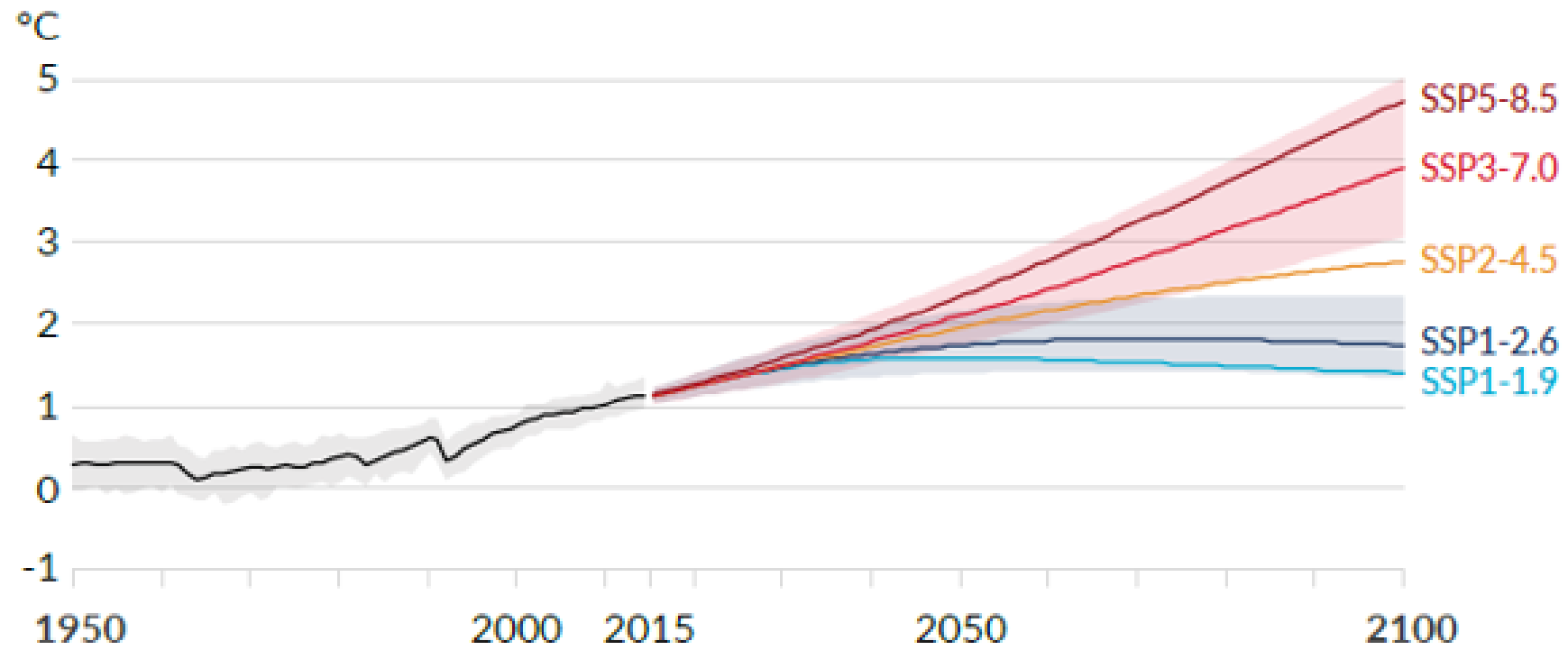
Co-organised by





Source: IPCC, 2019

### a) Global surface temperature change relative to 1850-1900



Source: IPCC, 2021

# Drought in numbers, 2022, UNCCD

## DROUGHT IN NUMBERS 2022

- restoration for readiness and resilience -

- **More than 10 million people** lost their lives due to major drought events in the past century,
- Severe drought affects **Africa** more than any other continent causing several hundred billion USD in economic losses worldwide.
- In the past century, **45 major drought events occurred in Europe**, affecting millions of people and resulting in more than USD 27.8 billion in economic losses.
- Today, an annual average of **15 % of the land area and 17% of the population** within the European Union is affected by drought
- In the **U.S.**, crop failures and other economic losses due to drought have totaled several hundred billion USD over the last century – USD 249 billion alone since 1980
- Over the past century, the highest total number of humans affected by drought were in **Asia**.

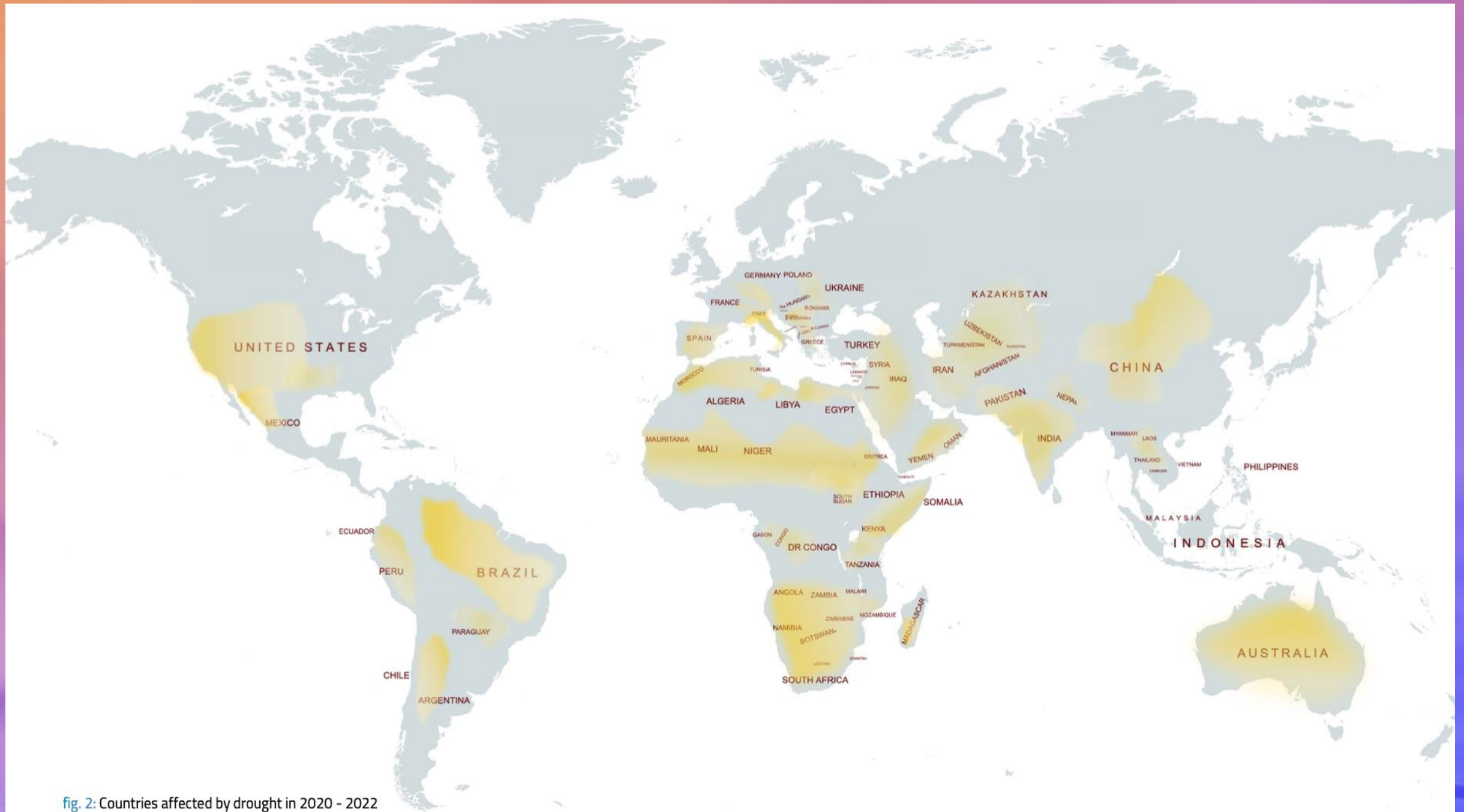
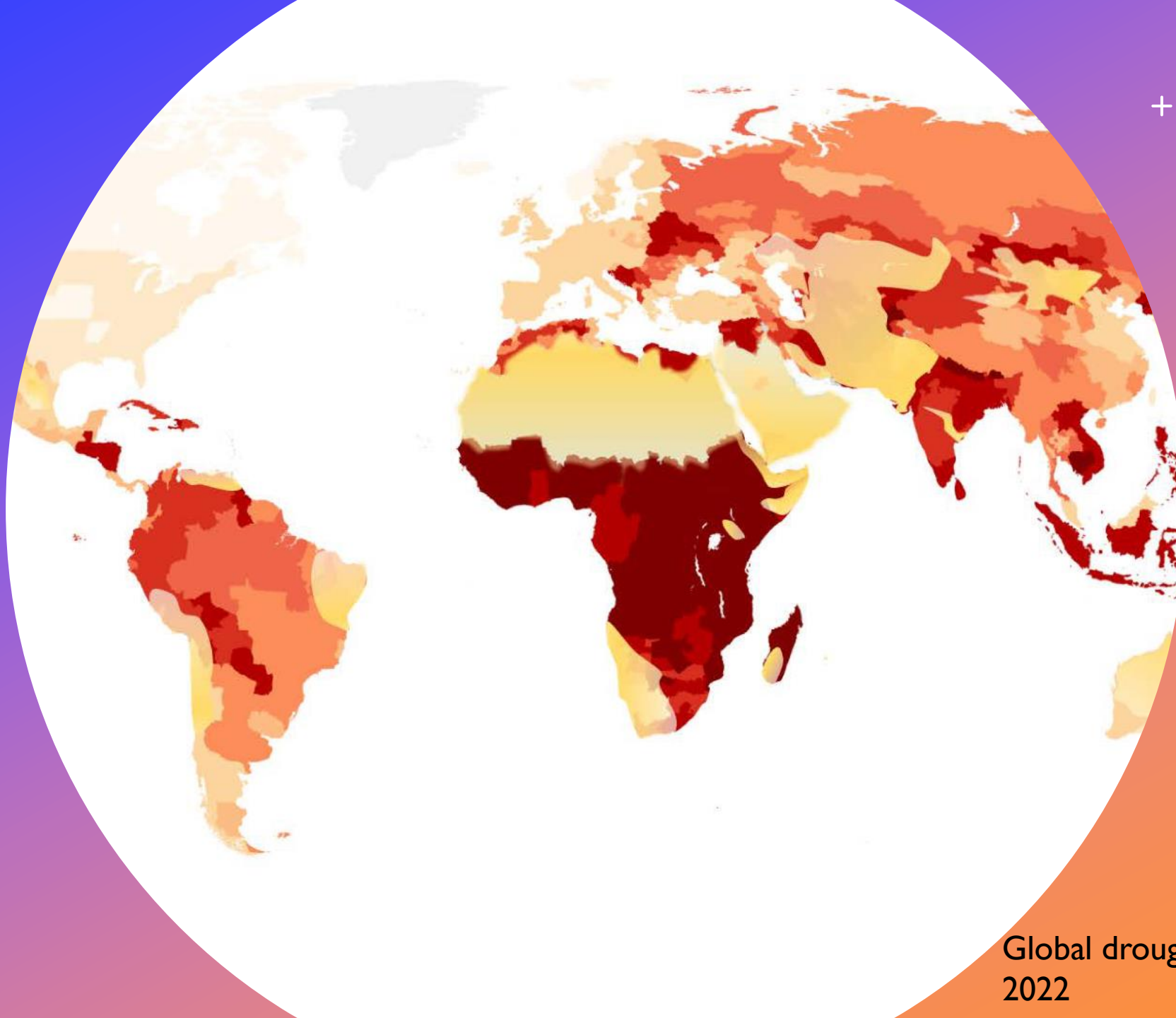


fig. 2: Countries affected by drought in 2020 - 2022



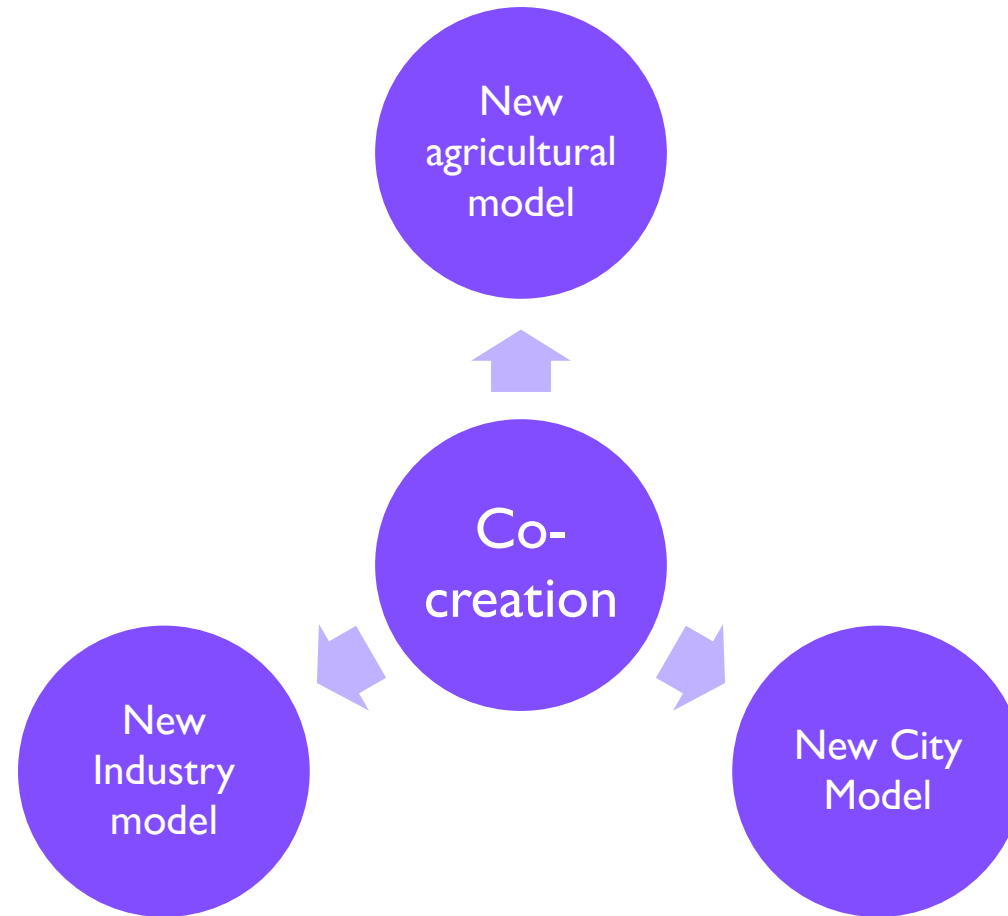
Global drought-vulnerability index  
2022



## The war is changing anything: At the tipping point

- Other priorities for public investments.
- Global food crisis
- Restrictions in water use + Power cuts = Social conflicts

# Adaptation is a priority, Participation is not enough





# THANK YOU!

We'll keep in touch!

Cristina Monge

[cmonge@unizar.es](mailto:cmonge@unizar.es) / [crismonge1@gmail.com](mailto:crismonge1@gmail.com)

@tinamonge

Cristinamonge.es

