UN Day to Combat Desertification and Drought

Understanding Drought

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WHAT IS A DROUGHT?

"A drought is a prolonged period of dry weather; lack of rain" (Collins English Dictionary, n.d)



TYPES OF DROUGHT

There are five main types of droughts:

- Agricultural Drought
- Ecological Drought
- Hydrological Drought
- Meteorological Drought
- Socioeconomic Drought

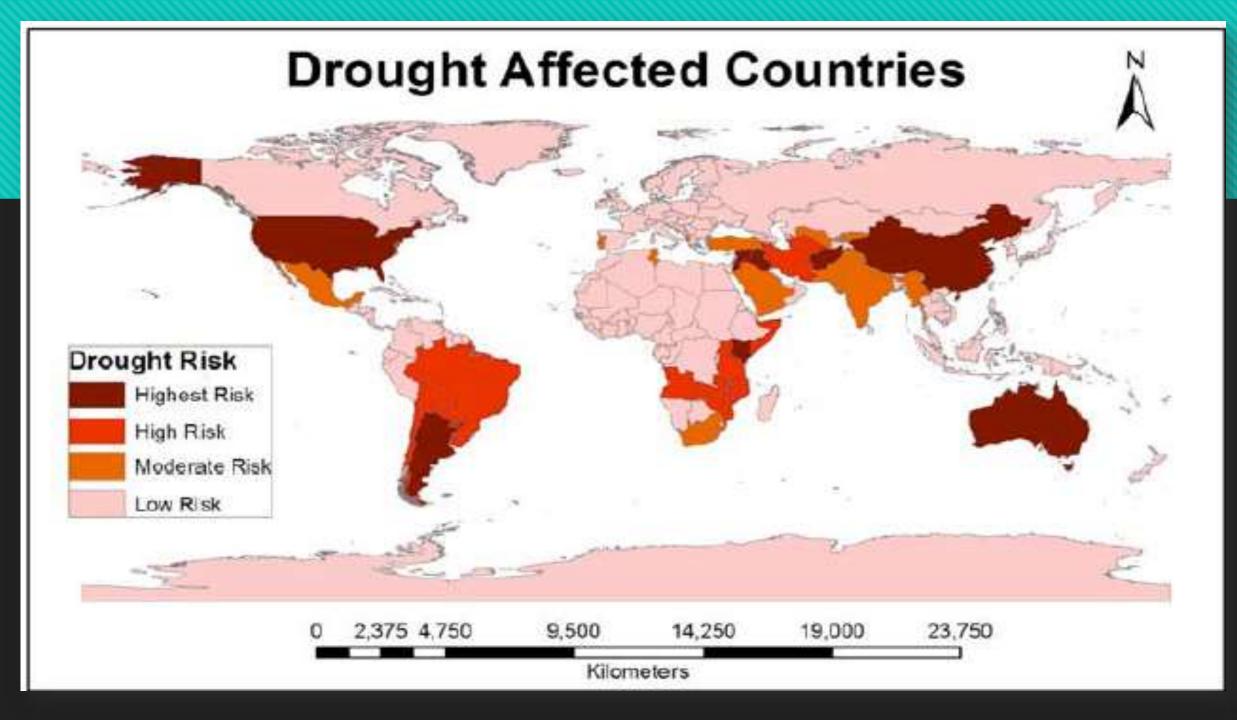












CONSEQUENCES OF A DROUGHT

- Lower crop yield
- Higher food production costs
- Higher food prices
- Food insecurity
- Famine
- Soil erosion





- Malnutrition
- Epidemics
- Population displacement
- Increased pollution of surface water
- Lost of biodiversity
- Drying out of wetlands

HOW TO COMBAT A DROUGHT?

Droughts cannot be prevented. However we can implement water conserving measures to combat or mitigate its negative effects.

- Reduce indoor and outdoor water consumption
- Install a water-efficient irrigation system
- Increase forestation
- Preservation of water reservoirs
- Spread awareness





VISIT FOR MORE INFORMATION

Please visit the following websites for more information on Droughts and water conservation:

- www.wasa.gov.tt
- www.ema.co.tt
- www.odpm.gov.tt
- www.unwater.org
- www.unccd.int

REFERENCES

- 7 Innovative Ways to Save Water at Home Sleeping-OUT News and Events. (2016, December 01). Retrieved June 3, 2021, from https://news-events.sleeping-out.co.za/7-innovative-ways-save-water/
- Drought. (n.d.). Retrieved May 28, 2021, from http://www.weatherwizkids.com/?page_id=89
- Drought definition and meaning: Collins English Dictionary. (n.d.). Retrieved May 28, 2021, from https://www.collinsdictionary.com/dictionary/english/drought#:~:text=variable noun,during which no rain falls.
- Drought: Reducing impacts and building resilience. (n.d.). Retrieved May 28, 2021, from https://knowledge.unccd.int/topics/drought-reducing-impacts-and-building-resilience
- Free State drought disaster decision too little too late? (2019, February 12). Retrieved May 28, 2021, from https://www.freightnews.co.za/article/free-state-drought-disaster-decision-too-little-too-late
- Health Implications of Drought. (2020, January 16). Retrieved May 28, 2021, from https://www.cdc.gov/nceh/drought/implications.htm
- Hydrological drought Characterisation and representation in large-scale models. (n.d.). Retrieved May 28, 2021, from https://www.wur.nl/en/show/Hydrological-drought-Characterisation-and-representation-in-large-scale-models-1.htm
- IStock, Blaine Friedlander |, & April 20, 2. (2020, April 20). Ault: Future droughts may 'eclipse' those of the past. Retrieved May 28, 2021, from https://news.cornell.edu/stories/2020/04/ault-future-droughts-may-eclipse-those-past
- Oblack, R. (n.d.). How To Tell If You're in a Drought. Retrieved May 28, 2021, from https://www.thoughtco.com/what-causes-droughts-3443828
- Stein, T. (2019, July 15). Climate change to make hot droughts hotter in the US southern plains. Retrieved May 28, 2021, from https://research.noaa.gov/article/ArtMID/587/ArticleID/2472/Climate-change-to-make-hot-droughts-hotter-in-the-US-southern-plains
- Tips and hacks for saving water during level 2 restrictions. (2021, June 03). Retrieved June 3, 2021, from https://9now.nine.com.au/the-block/water-restrictions-how-to-wash-your-car-tips/119440cc-0144-447f-a38d-98e63c9f36e0