

We have to allow land in stress to rest. Livestock deferment and isolating stressed area with fencing will promote the land restore itself. Time and patience is key for land restoration to occur successfully.

(Tsegi Canyon, AZ in 1 year)



Fish and Wildlife Garden Window Rock , AZ



Another great way to fight climate change is growing your own food and/or home gardening. Maybe some day you can be a community farmer!

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Climate Change



Navajo Nation Department of Fish and Wildlife Climate Change Program



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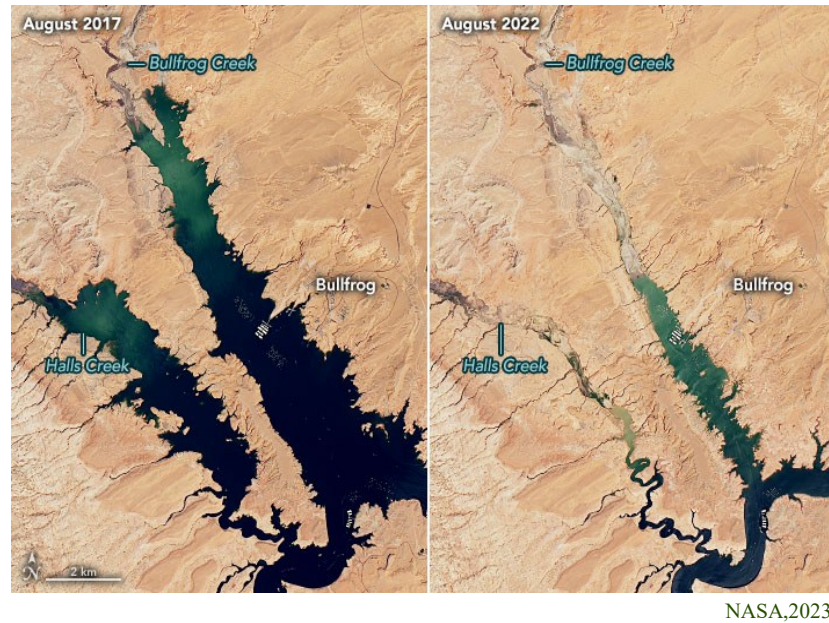
Climate Change refers to the long term shifts in temperature & weather, primarily caused by human activities like fossil fuel burning since the 1800s (UN, 2024).

- **Warmer temperatures & Heatwaves:** Increase health risks, strain energy, & harm crops & ecosystems (NASA, 2023).
- **Storms & Hurricanes:** Warmer oceans fuel stronger storms, increasing damage (NOAA, 2023).
- **Flash Floods:** Heavy rain overwhelms drainage systems, causing floods (EPA, 2023).
- **Wildfires:** High heat & drought fuel rapid spread (USDA, 2023),
- **Drought & dust storms:** Drought depletes water, damages crops, & causes economic losses (World bank, 2023). Drought harms air quality & infrastructure. (UN, 2023)

Drought Impacting Navajo Ranchers



Drought of Lake Powell



Climate Change Adaptation

Climate Change Adaptation involves adjusting behaviors, systems, & lifestyles to cope with climate change impacts, protecting families, economies, & the environment to build climate resilience.

HOW TO ADAPT:

- **Education:** Learn innovative ways to reduce climate effects.
- **Water Conservation:** Use water more efficiently.
- **Energy Efficiency:** Improve energy use in buildings or homes.
- **Recycle & Waste Reduction:** Reuse, Reduce, & Recycle materials

Land Restoration is one key strategy for adapting to climate change impacts.

Land Restoration

Land restoration is the process of restoring degraded areas to its natural landscape & habitat. Making it safe for humans, wildlife, & plant communities. It is the most effective way to address degradation caused by pollution, deforestation, salinization & natural disasters (FAO, 2023).

Land Rehabilitation

Land rehabilitation is the process of restoring land to its natural state after damage or degradation, making it safe for wildlife, native plants & humans. It is typically carried out in response to human activities. Such as agriculture or industrial development, that have degraded the land (UNEP, 2023).

Restoration Project 2021 in Tsegi Canyon, AZ

