

# Indigenous Peoples' Knowledge for Land and Water Management in the time of Climate Crisis, June 10, 2021



Zapoteca Corn Altar, Oaxaca Mexico



# The Paris Decision recognizes Indigenous Peoples' Knowledge and Practices ”

Operative Paragraph 135: *"Recognizes the need to strengthen knowledge, technologies, practices and efforts of local communities and indigenous peoples related to addressing and responding to climate change, and establishes a platform for exchange of experiences and sharing of best practices on mitigation and adaptation in a holistic and integrated manner."*



INTERNATIONAL INDIAN TREATY COUNCIL

CONSEJO INTERNACIONAL DE TRATADOS INDIOS

# The Right to Cultural Heritage

1. Indigenous peoples have the right to maintain, control, protect and develop their cultural heritage, traditional knowledge and traditional cultural expressions, as well as the manifestations of their sciences, technologies and cultures, including...seeds, medicines, knowledge of the properties of fauna and flora, oral traditions... UN Declaration on the Rights of Indigenous Peoples, Article 31



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# Solutions from within: Restoring and Trading our Original Seeds

Seed sharing and trading, 2<sup>nd</sup> International Corn Conference, Okmulgee, Oklahoma, September, 2014



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**In 2020 Arizona had the hottest,  
driest summer ever recorded**







**Alexander Pancho Memorial Farm, Cowlic Community,  
Tohono O'odham Nation, Sonoa Desert, Arizona**

**LEWA**  
*(sky)*

**WAO**  
*(forest)*

**KULA**  
*(plain)*

**KAHAWAI**  
*(stream)*

**KAHAKAI**  
*(shore)*

**MOANA**  
*(ocean)*



**MALA**  
*(gardens)*

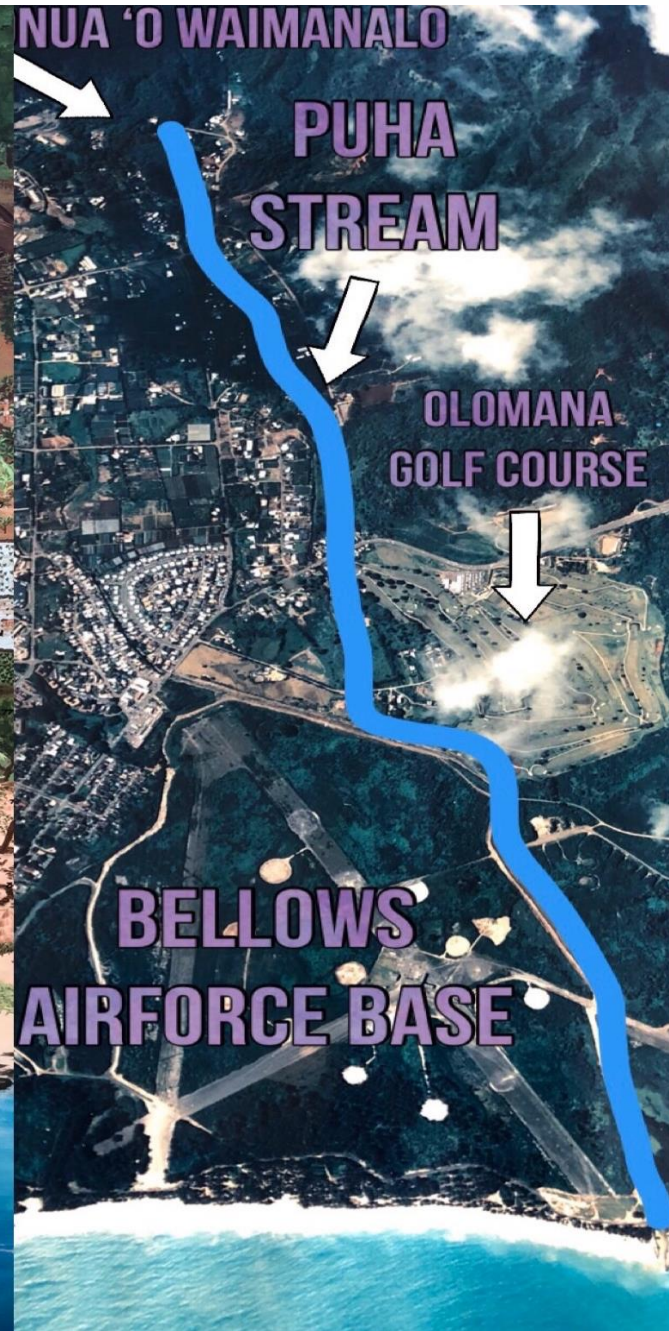
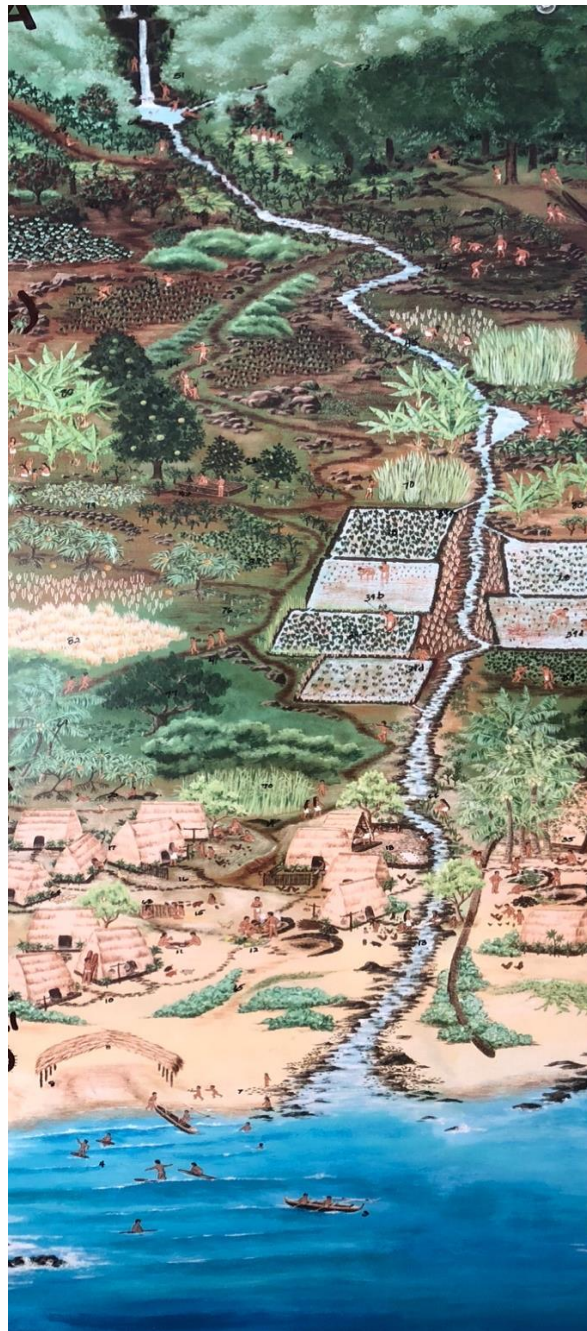
**KAUHALE**  
*(dwelling)*

**LO'I KALO**  
*(taro fields)*

**KAUHALE**  
*(dwelling)*

**LOKO I'A**  
*(fishponds)*







**Restored Traditional Taro Bed, Pu'uhonua  
Village, Oahu Hawaii**

# Restoring Traditional Indigenous Food and Ecosystems go hand in hand



- Buffalo withstand a range of climate conditions
- Buffalo are a key element of traditional cultural practice
- They support and spread Native grasses, preventing erosion and holding soil moisture
- Local food sources have a lower “carbon footprint”



In October 2015, 100,000 cattle died in an early blizzard in South Dakota.

***No buffalo deaths were reported!***

**Choque Utesia, Thank you very much**

