Indigenous Regenerative Agriculture

By Michael Kotutwa Johnson, PhD
Assistant Specialist, University of Arizona
Indigenous Resilience Center
Indigenous Regenerative Agriculture (IRA)

“IRA is the process of incorporating place-based ways of knowing supported by culture, belief systems, and environmentally derived survival schemes over millennia.”

Kotutwa, 2022
Indigenous Biodiversity

- Indigenous Peoples protect 80% of global biodiversity on a mere 25% of the planet's land with less than 5% of the world's population.

Schuster, et al., 2019 & IPBES, 2018
Climate Adapted Crops
Human Well-Being
Recommendations (Legislative and Financial)

- Enforce existing legislation-American Indian Agriculture Resource Management act of 1993 (DOI) and Alternative Funding Arrangements 2018 Farm Bill (USDA-NRCS).

- Create funding mechanisms through legislations to support locally led small farms and regenerative agriculture initiatives.


- Support adequate funding for the Federally Recognized Tribal Extension Program through an act of Congress. [FRTEP_IndianCountryExtensionCommissionRecs_Summary_Final.pdf](https://environment.arizona.edu/irc)

- Aid in the development of permanently funded regionally based or nationally based Native American policy and technical centers in the United States. [https://environment.arizona.edu/irc](https://environment.arizona.edu/irc)

- Use the word “tribes” in federal legislation in the area of natural resource legislation.