

Africa to the Rescue

Regenerative Grazing to Sequester Carbon,
Reverse Desertification, and Feed Humanity



(L. Restored grasslands, Karoo, South Africa. R. Top, Maasai practicing regenerative grazing, Kajiado, Kenya. R. Bottom, Employees at the Africa Center for Holistic Management, Matabeleland, Zimbabwe.)

Overview (purpose, approach, audience, outcomes, duration)

The “Africa to the Rescue” side event at COP27, Sharm El-Sheikh, Egypt, November, 2022, will be an exploration of hope. It reframes the discussion of African agriculture away from victimhood and toward leadership. Particularly, the panel will review the promising developments of regenerative grazing science and practices showing the potentials for land restoration, carbon sequestration and increased food production in semi-arid regions. Practitioners from various parts of Africa, as well as scientists from the US and elsewhere, will present on the leadership work in the field. As COP27 is an African COP, it will be of interest to attendees to learn about the work of practitioners on the continent who are producing food while improving the ecosystem and sequestering carbon. The target audience is food production, land management, and carbon credit professionals. The outcome is to steer national and international efforts toward expansion of regenerative grazing. The duration is 90 minutes.

Climate Action

Recent studies of regenerative grazing are demonstrating encouraging soil carbon sequestration rates of between 2.1 and 3.59 MgC/ha/yr coupled with increases in carrying capacity and other favorable environmental indicators, [Johnson \(2022\)](#), [Rowntree \(2020\)](#), [Kurtz \(2020\)](#), [Stanley \(2018\)](#), [Peel \(2018\)](#), [Teague \(2016\)](#). If adopted extensively on grazing lands in Africa, the carbon drawdown, food production, and biological diversity enhancing potential could be significant.

Presenters

 <p>Precious Phiri: Founding Director, IGugu Trust; African Regional Coordinator, Regeneration International; Accredited Field Professional, Zimbabwe</p>	 <p>Prince Akashambatwa Mbikusita-Lewanika: Founding member, Movement for Multiparty Democracy; Advisor, Mpanshya Community Herd; Practitioner, Zambia</p>	 <p>Daniela Ibarra-Howell: Co-founder & CEO of Savory Institute; Chair, Savory Foundation, USA</p>	 <p>Dalmas Tiampati, Founder, Maasai Center for Regenerative Pastoralism; Coordinator, Enkop Osiligi Project; Practitioner, Kenya</p>
 <p>Rolf Shenton: Director, Grassroots Trust; Consultant, Mpanshya Community Herd Project; Practitioner, Zambia</p>	 <p>Elias Ncumbe: Master Trainer, Practitioner, Africa Center for Holistic Management, Zimbabwe</p>	 <p>Seth Itzkan: Co-founder, Soil4Climate Inc., Author, Upside (Drawdown): The Climate Potential of Restorative Grazing, USA</p>	 <p>Dr. David C. Johnson: Molecular Biologist, New Mexico State University (NMSU); Co-inventor, Johnson-Su Composting Bioreactor, USA</p>

