

# CONSERVATION AND FOOD SECURITY: THE CHALLENGES

## INTRODUCTION

Conservation and food security are closely intertwined because they both depend of the elements: earth, air, water, fire. Both must be managed sustainably



**Elephants in the Kilimanjaro Heartland**

# THE CHALLENGES

- Human –Wildlife Conflict
- Conversion of wildlife habitat
  - Closing corridors
  - Encroachment on dispersal areas, buffer zones
  - Deforestation
- Poaching
- Bush-meat trade

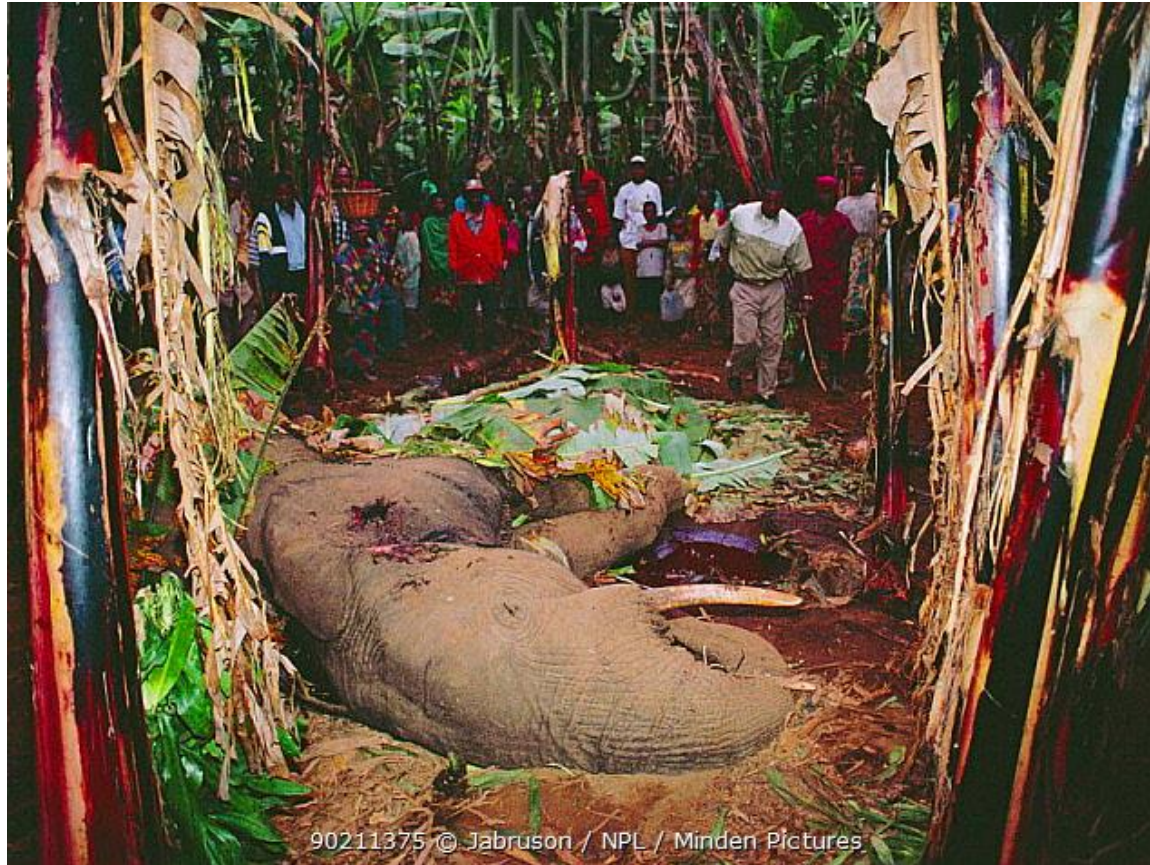


**Elephant in banana farm**



**Monkey raiding maize**





**Elephant killed in bananas in Rwanda**



**Freshly killed elephant carcass with tusks being removed**



**Monkey raiding maize**





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**Usambaras Eastern Arc Mountains forest**



**Slash and burn**



Encroachment of cultivation in the  
Usambara mountains







**Large scale farming in Laikipia**





**Migrating white eared kob in South Sudan**



White eared kob carcasses killed for bushmeat in South Sudan

# Solutions

- Land-use Planning and Implementation
- Resolving Human- Wildlife Conflict
- Conservation Farming
- Intensive Anti-poaching operations
- Land Easements
- Wildlife Management Areas
- Community Based Natural Resources Management
- Community Forest Management
- Improvement of livelihoods



**Anti-poching operations**



**A drone used in anti-poaching operations**





Conservation farming of maize



**Chili pepper fencing**



**Masai with their cattle in Simanjiro**



Venue: Destination 3 Degrees, Arusha\*

**Speaker**

**J. Terrence McCabe**



**A Contested Landscape:  
Constraints, Opportunities and Conflict  
over Conservation and Land Use  
in Northern Tanzania**

Professor McCabe has been working with pastoralists for many years, first with the Turkana and later with the Maasai in Loliondo, Ngorongora Crater and surrounding Tarangire. He will talk about the Maasai and wildlife, with special reference to areas outside Tarangire National Park and comparing this area with Kibale National Park in Uganda. He also wants to talk about the importance of considering

Land easement



**Wildebeest in Simanjiro**





**Luxury tented camp in Enduimet WMA**