



HUMAN-WILDLIFE CONFLICT

DEFINITION: "Any interaction between humans and wildlife that results in negative impacts on human social, economic or cultural life, on the conservation of wildlife populations, or on the environment." (WWF, 2005)





PROBLEM ANIMAL: We need to be careful when defining this term.

- Potentially, all wildlife species will compete with humans for access to habitat, food and water.
- However, some individual animals may habitually select or target crops and livestock.





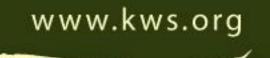
GENESIS OF HUMAN WILDLIFE CONFLICT:

Dates back to era after stone age, during agrarian revolution when man first domesticated crop - plants and animals as livestock.









- Human-Wildlife Conflict is fast becoming a serious threat to the survival of many endangered species in the world.
- •Poor understanding of the ecological and social underpinnings of this human—wildlife conflict in many parts of the world hampers effective conflict management and conservation programs





•In Kenya, severe livestock - carnivore conflict is largely observed in Arid and semi arid inhabited by pastoralists communities, in part Maasai stepped (Amboseli and Maasai mara), Samburu and Nothern.

•Escalation of Livestock predation & retaliatory persecution a major conservation concerns.





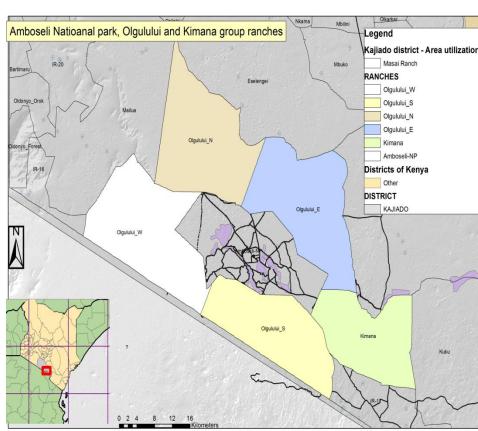
- •Amboseli ecosystem is classified as hotspot for human wildlife conflict because of enormous livestock depredation by carnivore and subsequent killing.
- The situation is rather complex because large carnivores range inside and outside the park on communal group ranch dominated by livestock and people.



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Amboseli National Park

- Olgulului group ranch
- Kimana group ranch







MONITORING LIVESTOCK PREDATION

- •All incidences of human carnivore conflict occurrence was attended physically and verified.
- •Details on: date of the occurrence, time, livestock owner, Place name/GPS coordinates, livestock types and age, predator species involved were recorded.





MONITORING LIVESTOCK PREDATION

•For the purpose of compensation, reports on predation incidences was categorized into three major aspects.

Category 1: No fault/predation unavoidable

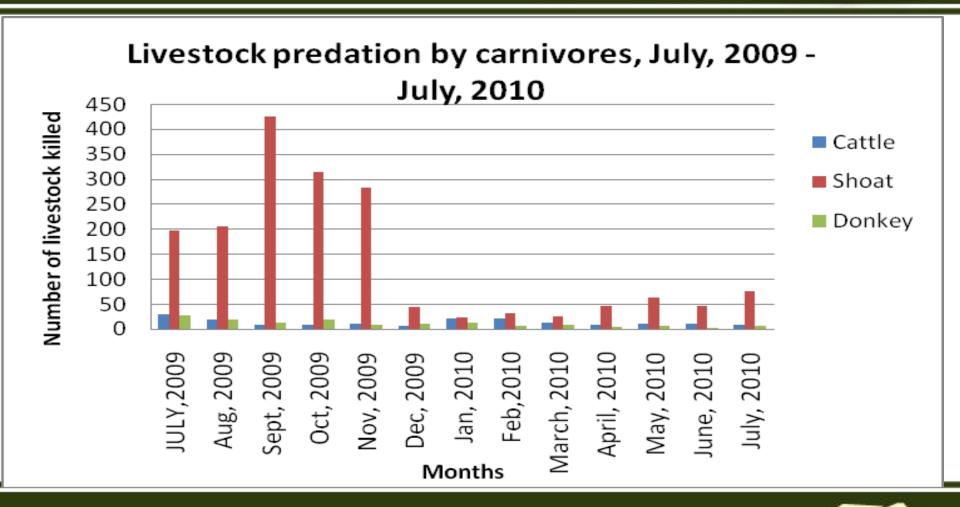
category 2: Livestock lost/herd by children and

Category 3: Poorly fenced boma.

•90 people from 6 villages were aloso interviewed



RESULTS: TREND AND INTENSITY OF CARNIVORE - LIVESTOCK CONFLICTS



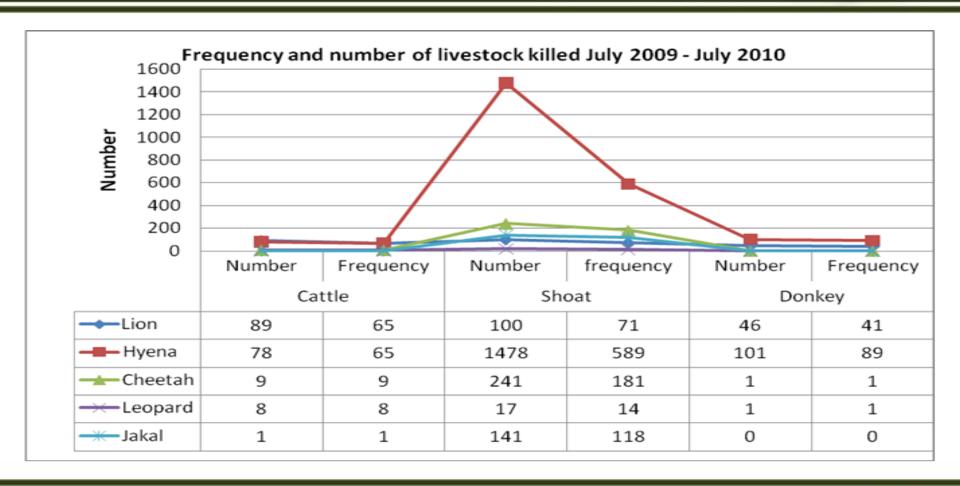


TREND AND INTENSITY OF HUMAN - www.kws.org LION CONFLICTS AROUND ANP



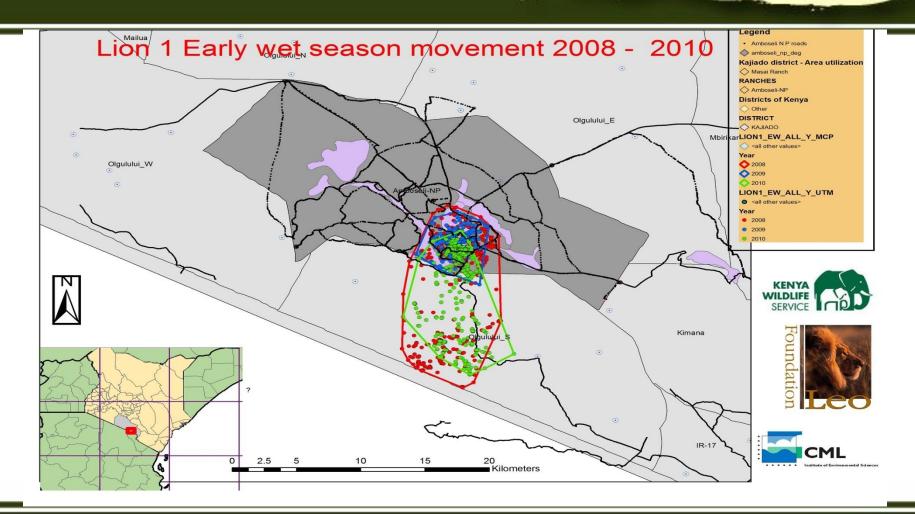


RESULTS: TREND AND INTENSITY OF WWW.kws.org CARNIVORE - LIVESTOCK CONFLICTS





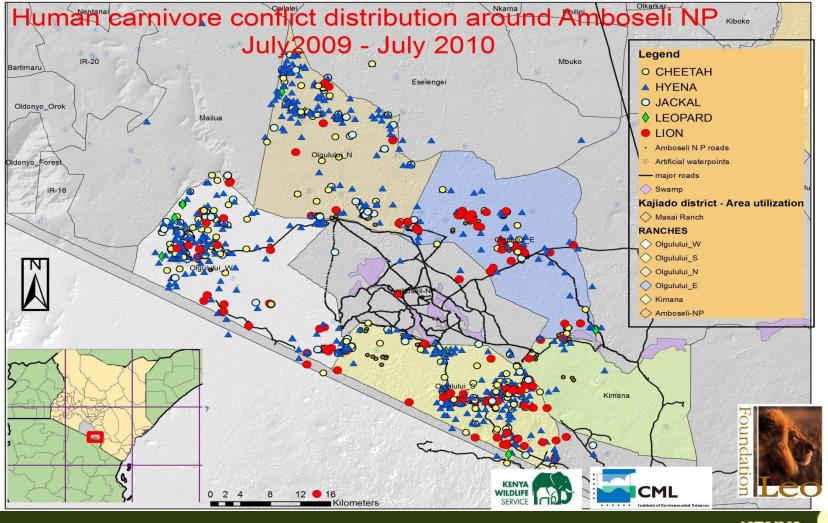
RESULTS: LION MOVEMENTS





RESULTS: DISTRIBUTION OF CONFLICT AROUND THE PARK

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COMMINITY REACTION: LION

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-		

SPEARING & POISONING.	
Year	Number of lions killed
2001	20

1 – Killed by buffalo

16 (6 natural)

SPEARING & POISONING.	
Year	Number of lions killed

COMMUNITY REACTION: LION

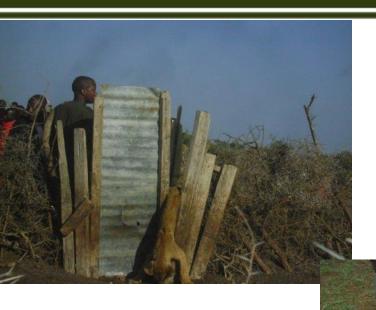
POISONING





LIONS SPEARING

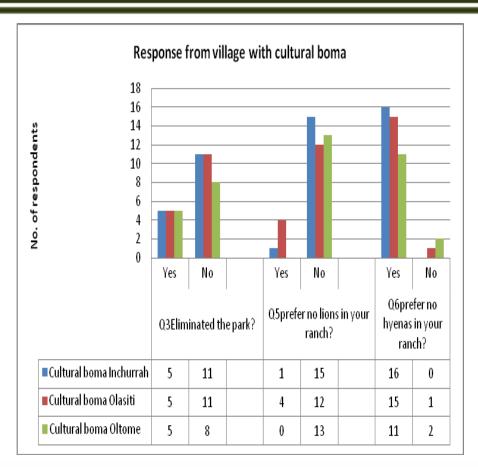


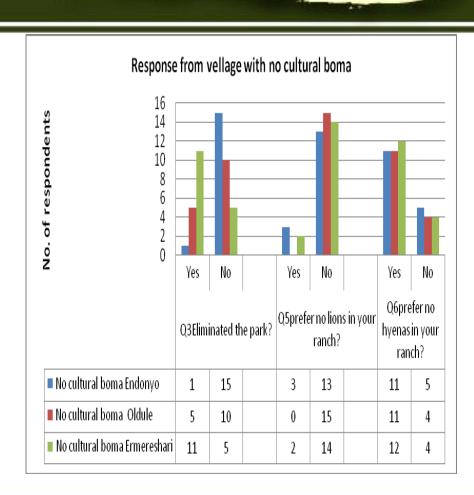






PARK



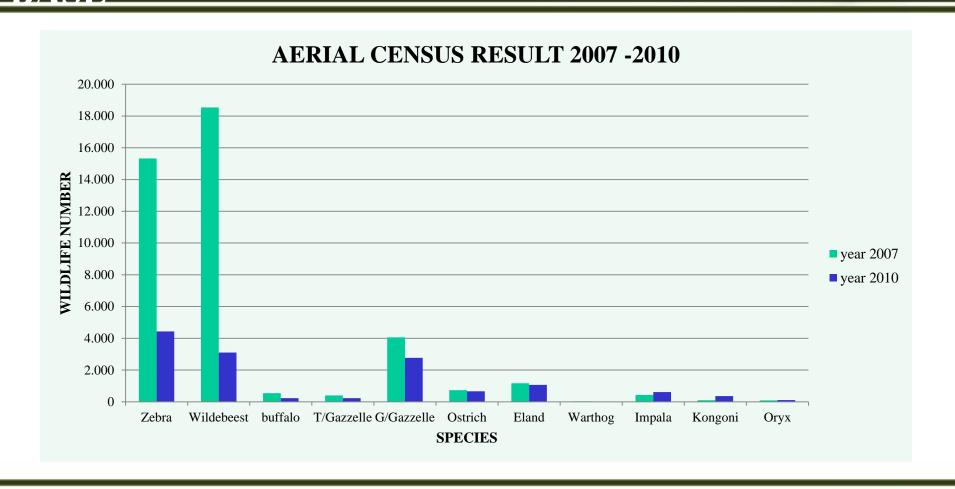




- •Rural economy and dependence on livestock as source of wealth & livelihood
- •Human population growth and land use transformation
- •Close settlement and access of community to use resources from the park.
- •Perception and cultural practices of killing lions as prove of been a real man.

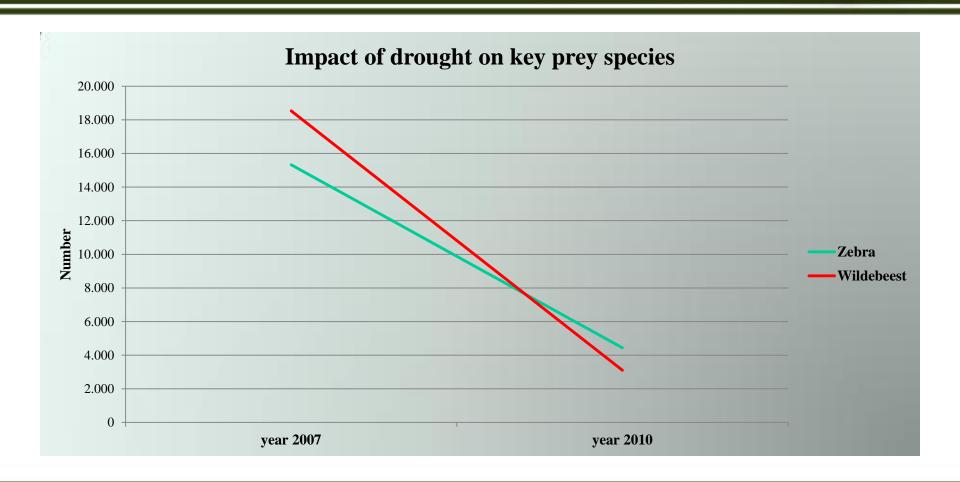


CLIMATIC FACTOR & IMPACT OF DROUGHT - DECLINE IN WILDLIFE PREY BASE





IMPACT OF DROUGHT ON ZEBRA ANDwww.kws.org WILDEBEEST.





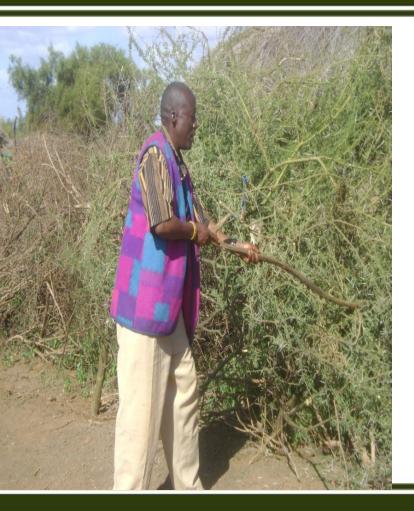
INTERVENTION MEASURES BY KWS www.kws.org AND STAKEHOLDERS

- 1. Boosting of prey population base
- KWS translocated zebras and wildebeest
- 2. Rapid deployment of problem animal management unit (PAMU)
- 3. Education and awareness



4. PREDATOR PROOF BOMA.









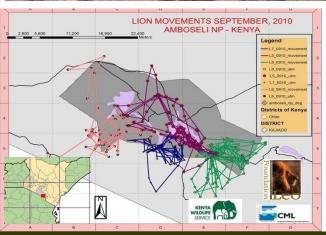
5 COMPENSATION SCHEME

- •Introduced in 2008, still on pilot base
- •Livestock killed by five large carnivores are compensated at ½ market price.
- •Programme has management committee and verification team
- •Has certain criteria to assess livestock loss are genuine
- •Cattle –15,000 (EURO 150) 20,000 (EURO 200)
- •Shoat 5,000 (EORO 50) 9000 (EURO 90)
- •Donkey 10,000 (EURO 100) 15,000 (EURO 150)



6. RESEARCH & MONITORING.

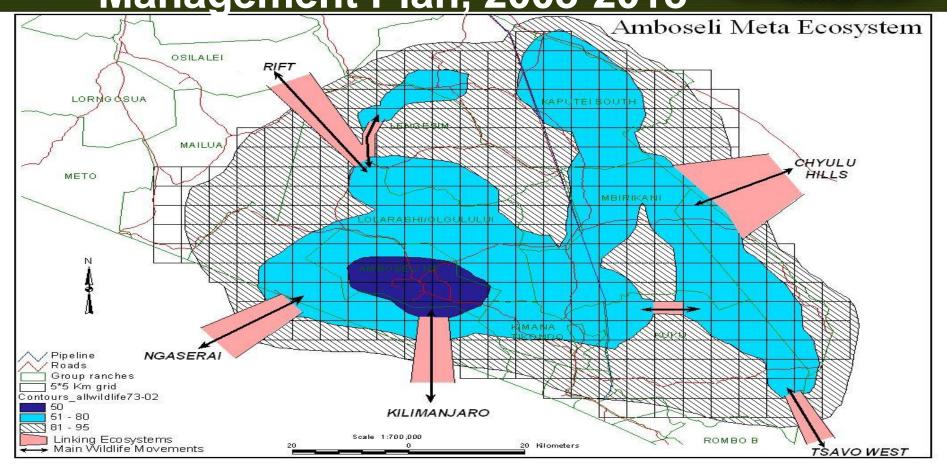








7. Amboseli Ecosystem www.kws.org Management Plan, 2008-2018





CONCLUSION



- •Conservation of predators outside protected areas will depend largely on how communities tolerate and coexistence with them.
- •To sustainably conserve large carnivores, there is a need to protect rural livelihoods, reduce their vulnerability, and counterbalance losses with benefits and foster community-based conservation.



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