

Disease at the wildlife / livestock interface: The challenge to harmonize wildlife conservation and human livelihoods in the GLTFCA context - lessons learnt

Markus Hofmeyr & GLTP Veterinary Committee

Challenges related to livestock/wildlife disease interventions - lessons learnt GLTFCA Vet Committee

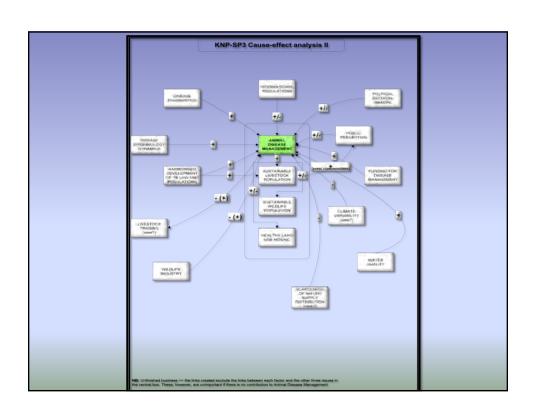
- > Challenge of changing officials on veterinary / animal health committee resulting in plans and progress often delayed due to lack of continuity of decisions and plan implementation
- > Agricultural policies and regulations not aligned well for cross border livestock and wildlife movements
- Difficulty in implementing cross border disease surveillance and research
- Poor understanding of disease risk management generally and how to manage this across borders
- Almost impossible to move biological samples for disease testing across borders - short period in 2008-2012 when Skukuza State Vet office became receiving office for GLTFCA disease testing samples

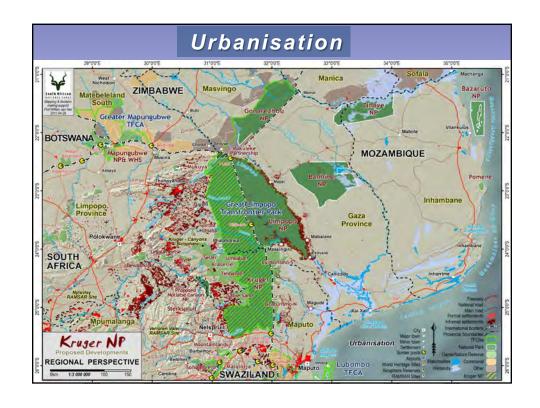
- > To overcome negative perceptions and regulatory blockages that exists in relation to livestock & wildlife disease interface issues, a coordinated cross-boundary disease risk management approach needs to be taken
- > To have truly cross-boundary animal health intervention, risk management and cross border planning, we will need real & on the ground cross border projects supported by the TFCA & national structures
- > Typically there has been a wildlife focus to disease issues in the GLTFCA but livestock management and herd health as well as community livelihood improvement are key to successful conservation outcomes bigger focus on this area now happening (H4H, Meat Naturally, Wildlife economy etc)



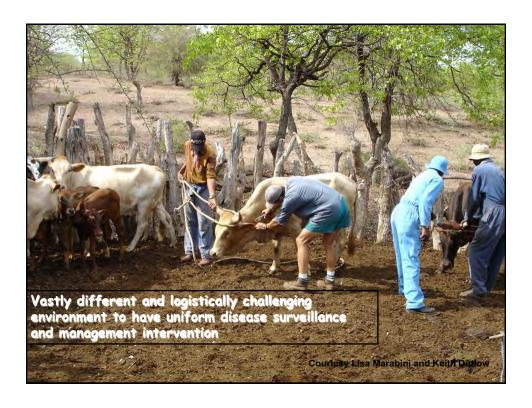
POLICY OPTIONS FOR WILDLIFE, LIVELIHOODS & TRANSBOUNDARY ANIMAL DISEASE MANAGEMENT IN SOUTHERN AFRICA Steven A. Osofsky, DVM\

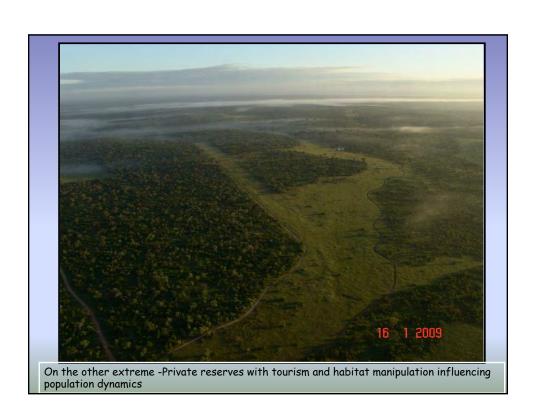
& Many other documents available!





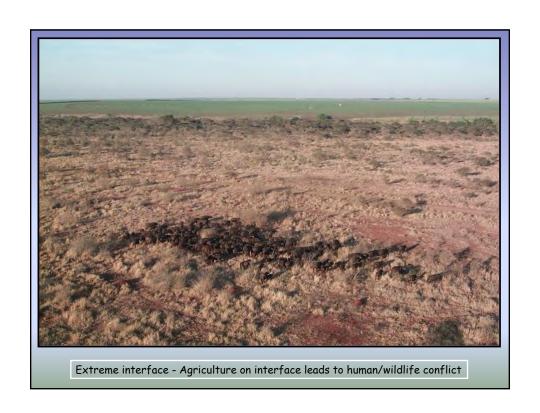


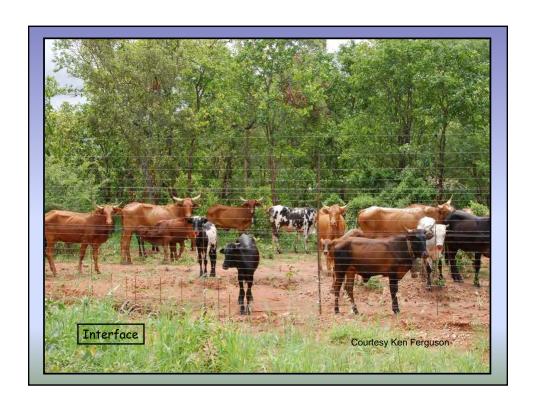




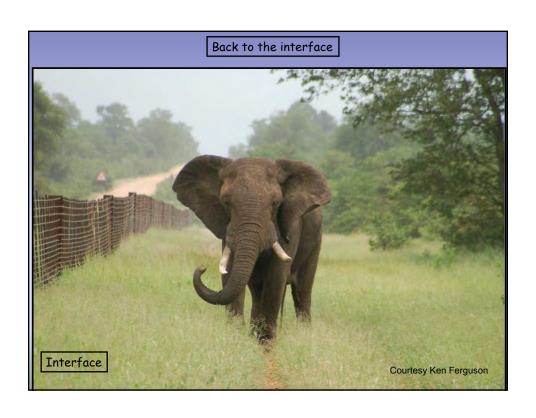


Intensification of wildlife ranching for commercial use – diseases of intensification, e.g. Rift valley Fever deaths



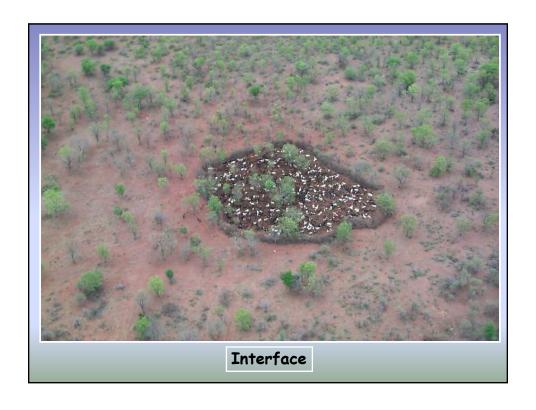








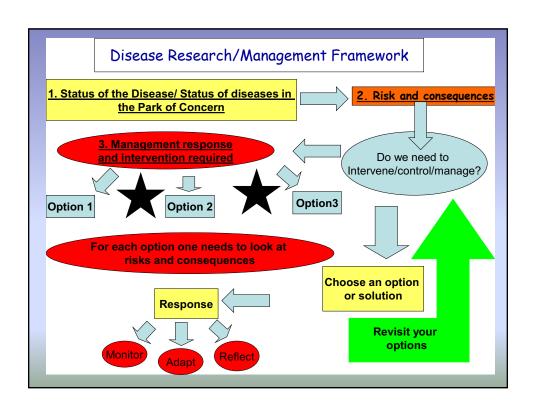


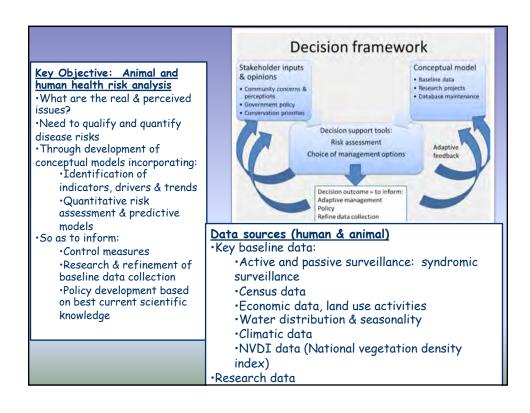


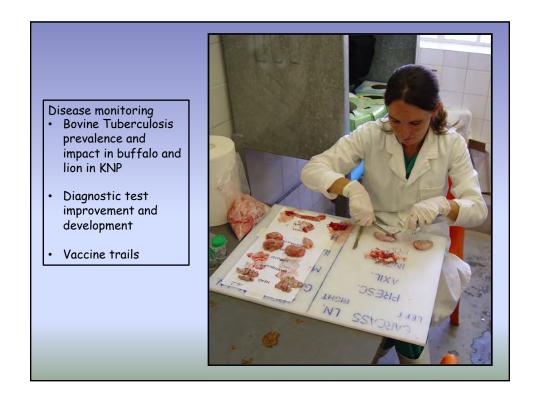


GLTFCA vet committee approach to dealing with health issues and understanding disease in wildlife and recent emerging challanges and research and case studies:

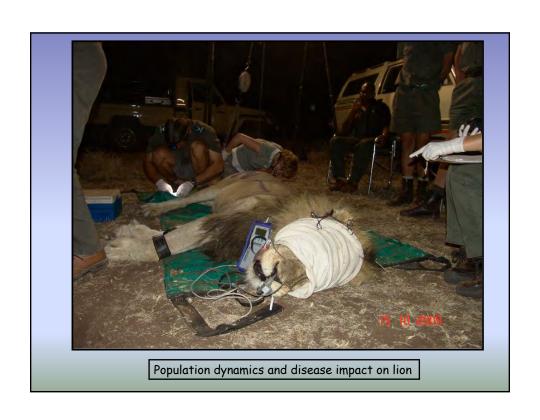




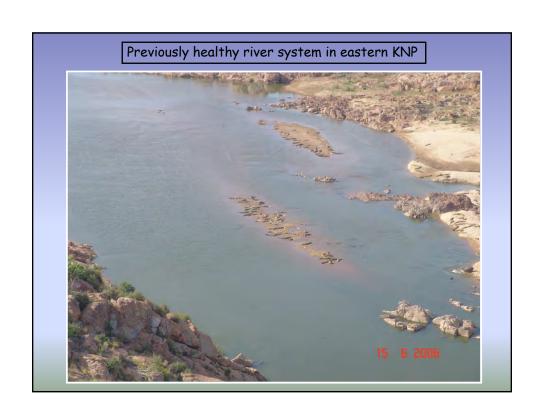


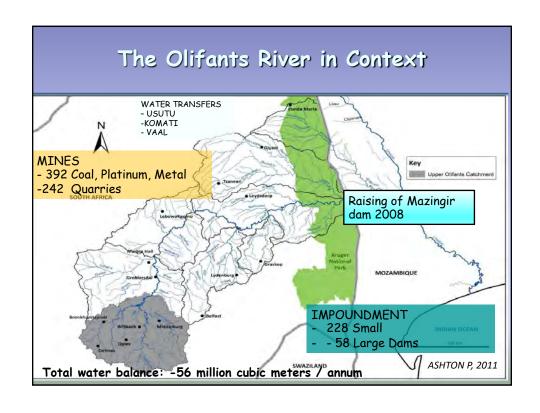






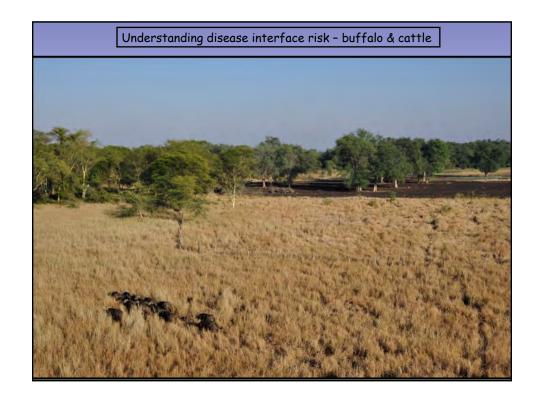
Other diseases or system health issues? - We recognize that global environmental change is a major threat to biodiversity & human livelihoods

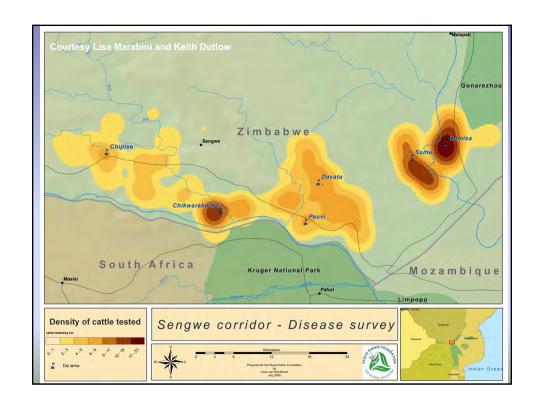


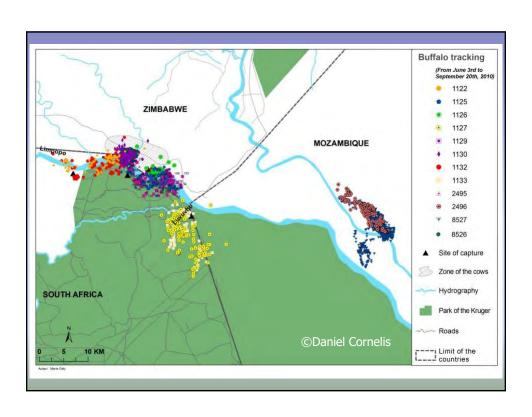


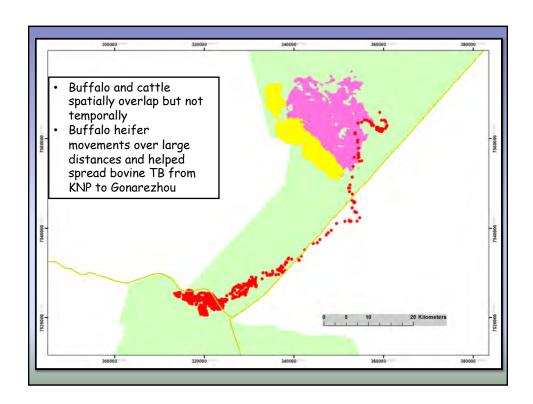










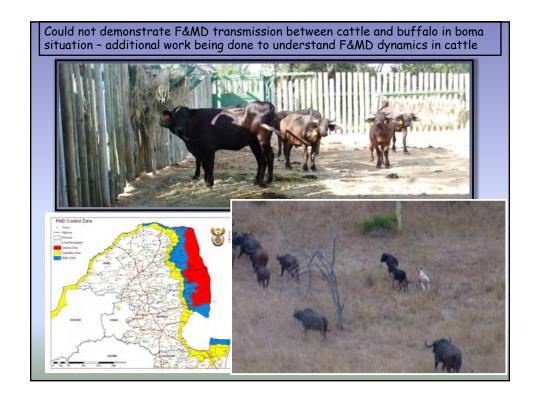




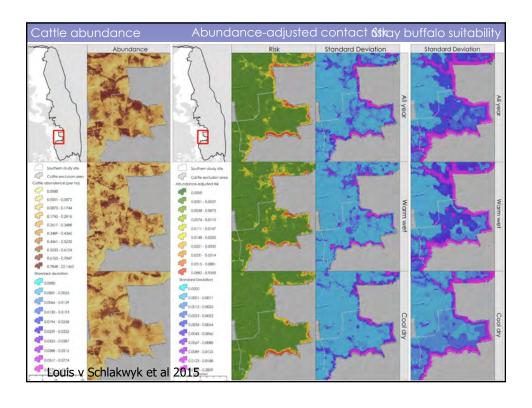
The GLTFCA is an example of where F&MD regulations have had a restrictive effect on animal movement within and from the TFCA, which has impacted negatively upon local livestock-based livelihoods and wildlife-based enterprise alike.

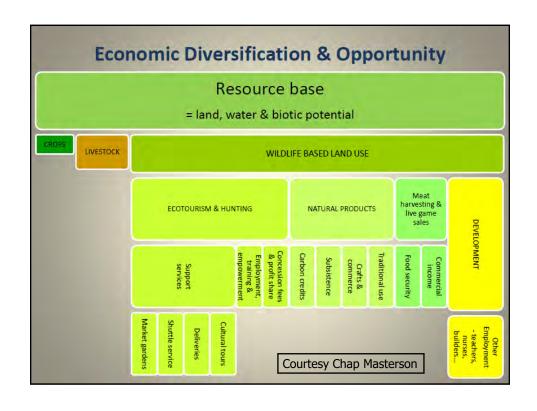
- Dynamic, area specific, risk-based management of animal diseases, particularly F&MD, at a local level is required
- This must be geared to addressing trade issues from the perspective of affected communities and stakeholders
- In this context, regulatory requirements focusing primarily on keeping cattle and buffalo apart will need to be re-assessed as both species make important economic and food security contributions to local, national and regional economies.

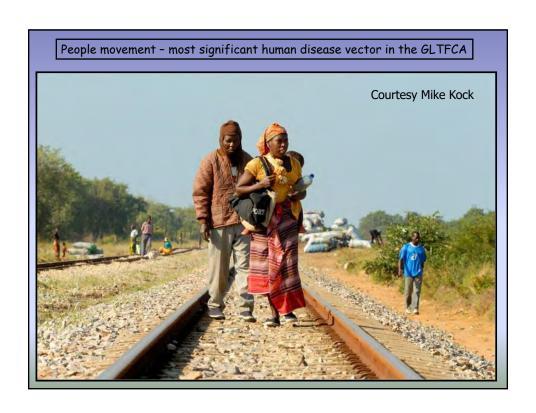




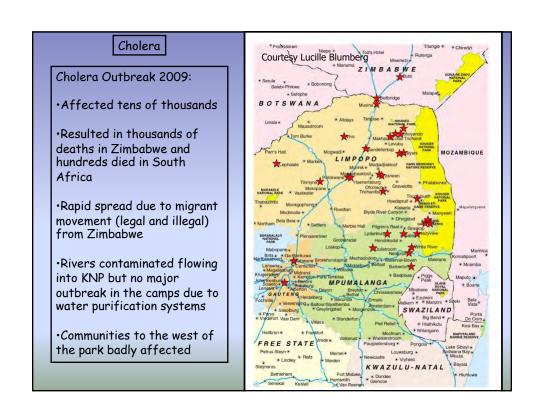




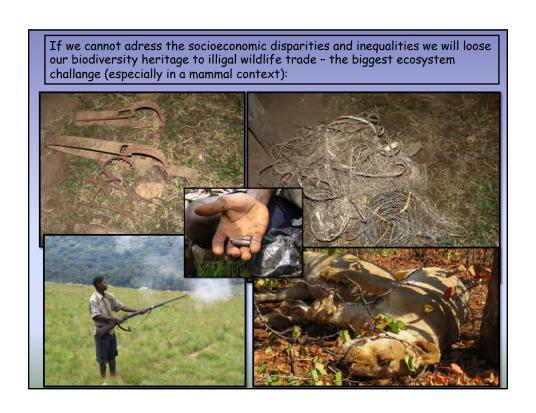


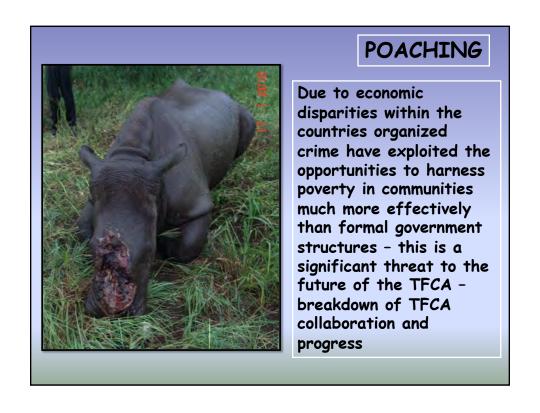


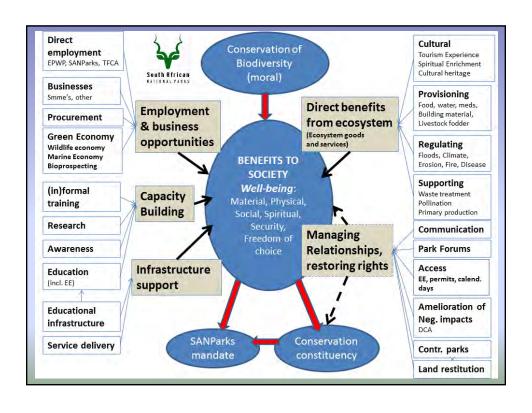












Conclusion & way forward:

- We have to be very aware of the socio-geo-ecological and economic drivers of Africa and how global drivers are affecting our ability to sustain conservation effort (and research) into the future
- African inhabitants (and global extractionists) will place ever increasing demands for ever dwindling resources and this in an unpredictable political environment (due to complete erosion of experienced and qualified & experienced leadership)
- A large percentage of promises/plans made are not achievable at the interface

 creating unrealistic expectations and potential backlash from stakeholders to
 conservation (longer term) sustainable solutions requiring measured and
 sustained rational input to ensure sustainable integrated land use planning
- Regulatory environment completely incongruent at the wildlife / livestock / human interface - research and management interaction need to adress this
- Interdiciplinary, practical and applied research is needed to best adress these
 very basic of challanges at the livestock/human/wildlife interface (new
 approach to training and capacity building)

