

# 6.3. Introducing the Concept of Migratory Raptor Safe Zones

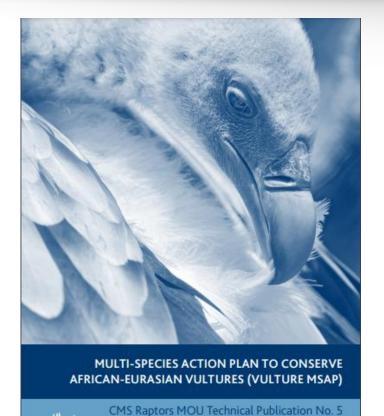
Andre Botha Co-chair: IUCN SSC Vulture Specialist Group Overarching Coordinator: CMS Vulture MsAP

Fourth Meeting of the Raptors MOU Technical Advisory Group 13 - 15 December 2021



## Background: Vulture Safe Zones





CMS CMS

BirdLife

CMS Technical Series No. 35



• Action 11.4.4.

 Develop VSZ criteria and promote application and implementation of this approach to address all critical threats throughout the Vulture MsAP range.

ulture

MsAP



#### **Vulture Safe Zones - background**

- BirdLife International Review by Dr Rob Sheldon.
- Originated in South Asia Asian Vulture Crisis.
- Primary focus on addressing the threat of Diclofenac and other NSAIDS.
- Implemented in 4 countries Nepal, India, Pakistan & Bangladesh – 12 VSZ's in total.
- Pioneered in Nepal
- Bangladesh has afforded legal status to VSZ's.
- Criteria developed by the SAVE consortium.
- Until criteria are met, a VSZ is considered a Provisional VSZ.

A review and assessment of Vulture Safe Zones





#### **RDS CONSERVATION**

### **South Asian Definition & Criteria**



•An area of approximately 30,000km<sup>2</sup> (circular area of 100km radius) where

•After 2 years of searching:

- •No diclofenac is present for veterinary use
- •No diclofenac is found in a minimum of 800 cattle carcass liver samples from VSZ
- Use of Tracked Vultures no confirmed mortalities from diclofenac over a period of 2 years of tracking.
- •After 5 years of intensive monitoring:
  - •No diclofenac or visceral gout present in dead vultures within the area.
  - •Vulture populations in area are stable to increasing



#### **Key ingredients in a successful Asian VSZ**



- Focus on tackling the key threat of Diclofenac and removing it from the environment.
- 2. Focus on advocacy and awareness raising.
- 3. Need for collaboration and partnership at all levels.



#### Key lessons learnt from VSZ's in South Asia

- Development and endorsement of overarching criteria
- Government adoption and legal status (Bangladesh) faster action.
- Government endorsement = Government-level support.
- Objective criteria that allows flexibility to adapt to local circumstances.
- Focus on a single major threat in a large geographical area.
- Vital to establish well-coordinated teams and provide relevant training and resources.
- Existing teams can readily adapt to focus on other threats.
- VSZ approach is part of a wider conservation package.
- Transfers international and national policy into local initiatives and action.
- Long-term funding is vital!

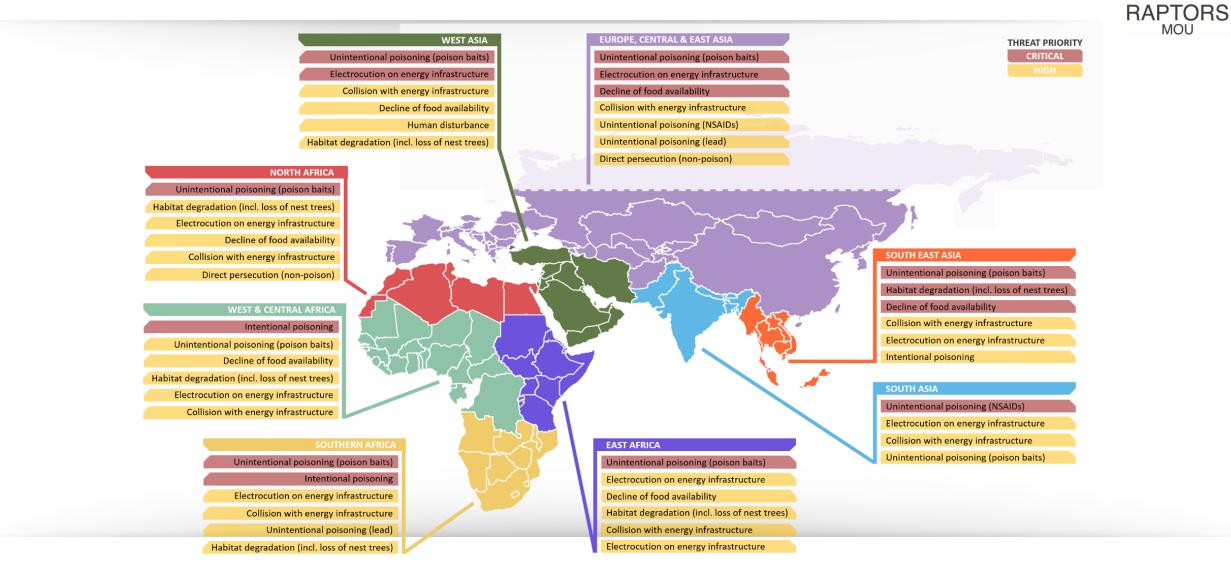
## **Recent developments - VSZ's beyond South Asia**



- BirdLife International Flyways Summit April 2018
  - Europe Not considered necessary or essential.
  - Africa to be considered further and criteria developed.
  - South-east Asia Cambodia considering the concept, but focused on the use of pesticides



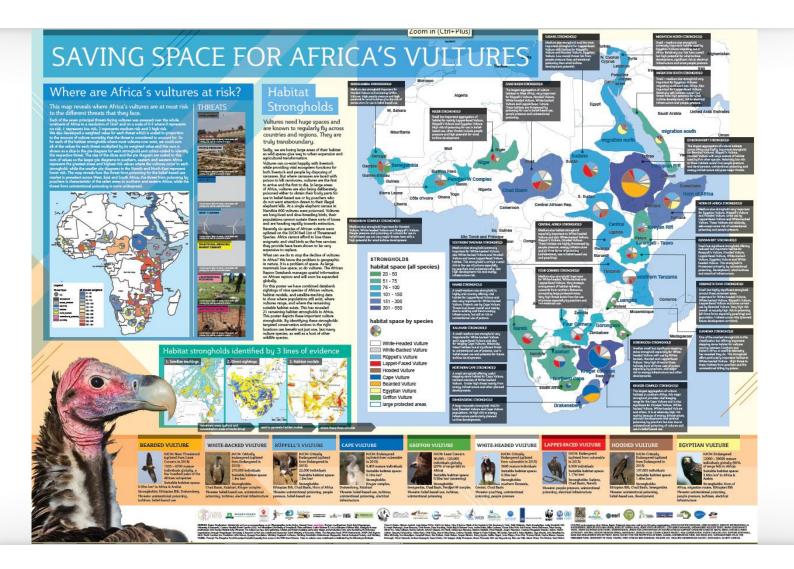
### VSZ concept beyond South Asia



MOU

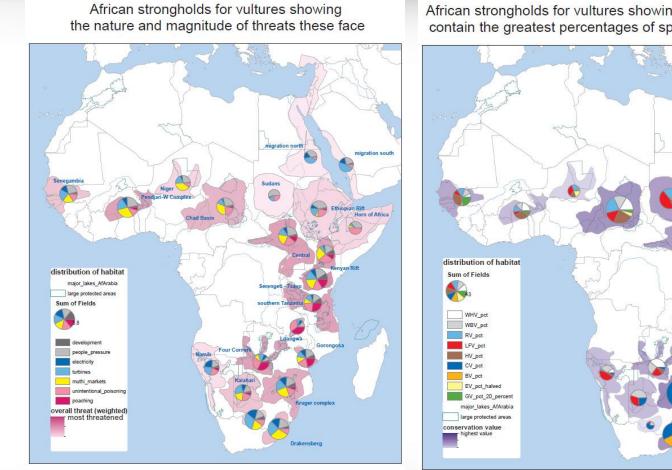
#### **RRF Conference – November 2018**







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African strongholds for vultures showing which strongholds contain the greatest percentages of species habitat space



#### **Vulture Safe Zones in Africa**

#### Important factors to consider:

- Geography size of the continent
- More complex suite of threats to consider
- Large home range of most sub-Saharan species
- Is a "one-size-fits-all" set of criteria appropriate considering the above?
- Vulture Safe Zones vs Vulture Strongholds
- Examples Zambia, Kenya, Zimbabwe, etc.



Key considerations for adopting a VSZ approach in Africa



- Is the term VSZ the most appropriate for Africa?
- How would you define an African VSZ?
- How would VSZ criteria be developed and agreed upon?
- What are the key criteria for an African VSZ?
- How will VSZ's be coordinated at national and regional scale?
- How do we achieve formal government support for the concept?
- What mechanisms are in place in terms of resources and support to make VSZ's viable at the above levels?
- How will the VSZ system contribute towards the implement of National VCAP's and the Vulture MsAP in an African context?
- How will we measure the impact/success of VSZ's?

## **Vulture Safe Zones**



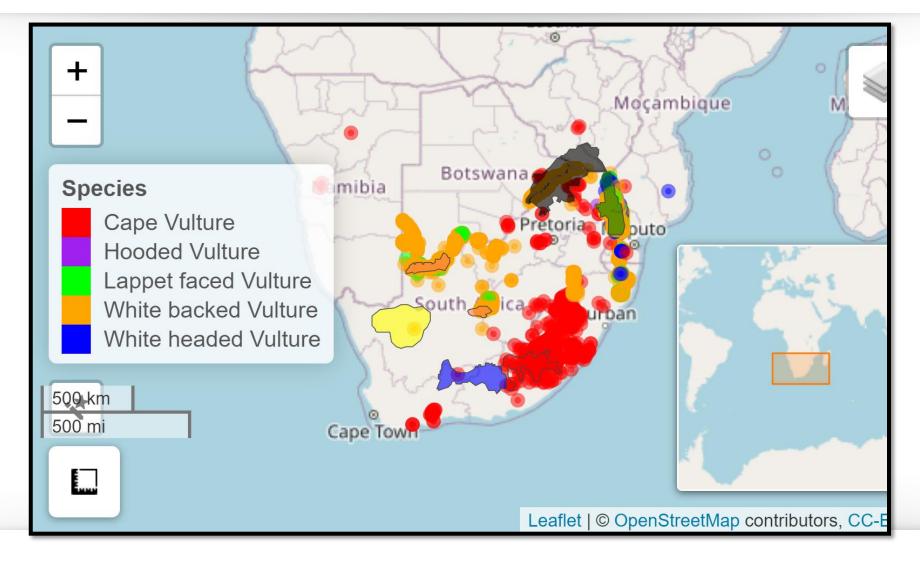
#### Different concepts and principles apply across the range

- January 2019 Workshop involving various stakeholders
- **Existing VSZ's** Zambia, Botswana, Zimbabwe
- Acknowledge different criteria for varying in-country scenario's
- Accommodate the life-style and great mobility exhibited by African vultures
- **Since Jan 2019** South Africa (5), Mozambique
- September 2021 First cross-border African VSZ Botswana-Zimbabwe-South Africa
- Still an evolving process that might not be effective everywhere



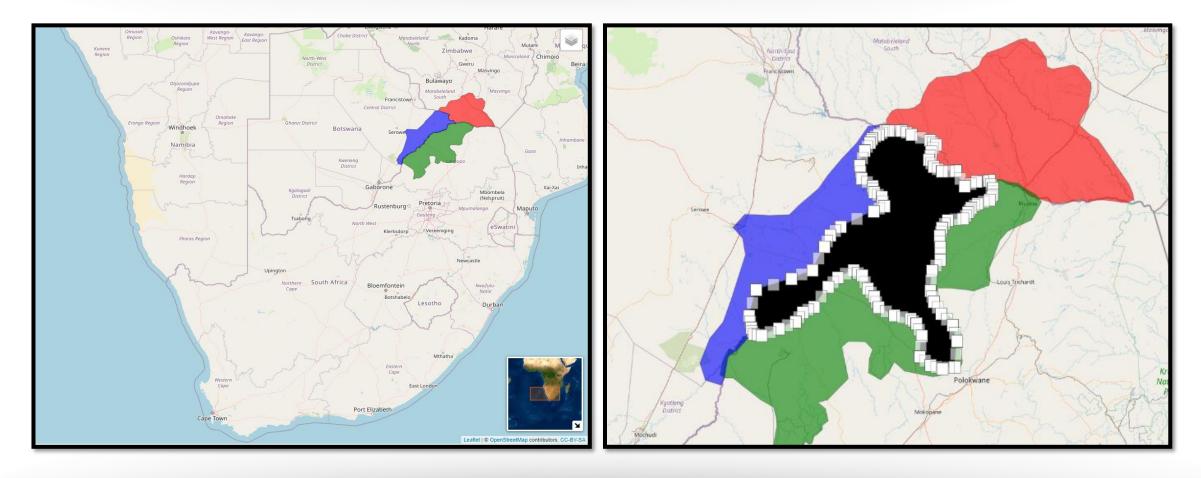


### Vulture Safe Zone network – South Africa





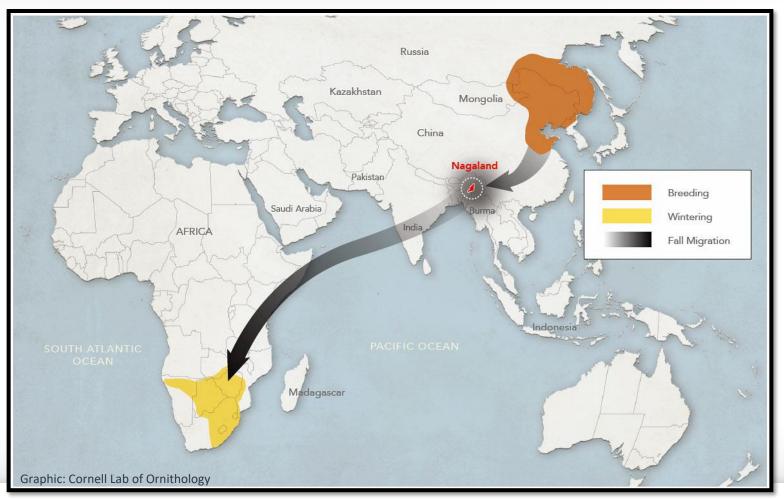
### Africa's First Trans-boundary VSZ





### What about Migratory Raptor Safe Zones?

Amur Falcon *Falco amurensis* 





#### Aspects to Consider

- What is the purpose of MRSZ's?
- Is this a necessity/essential to promote the conservation of migratory raptors?
- How will it further enhance migratory raptor conservation efforts?
- How does this relate to the list of important sites for migratory raptors?
- Will it apply across the range or be limited to certain regions?
- What are the basic criteria for such MRSZ's?
- Who will promote and drive establishment and implementation of sites?
- Who will provide resources for the above?
- Will MRSZ's have formal/statutory status?
- Way forward proposal to MoS, etc?





### Thank you for your attention!

