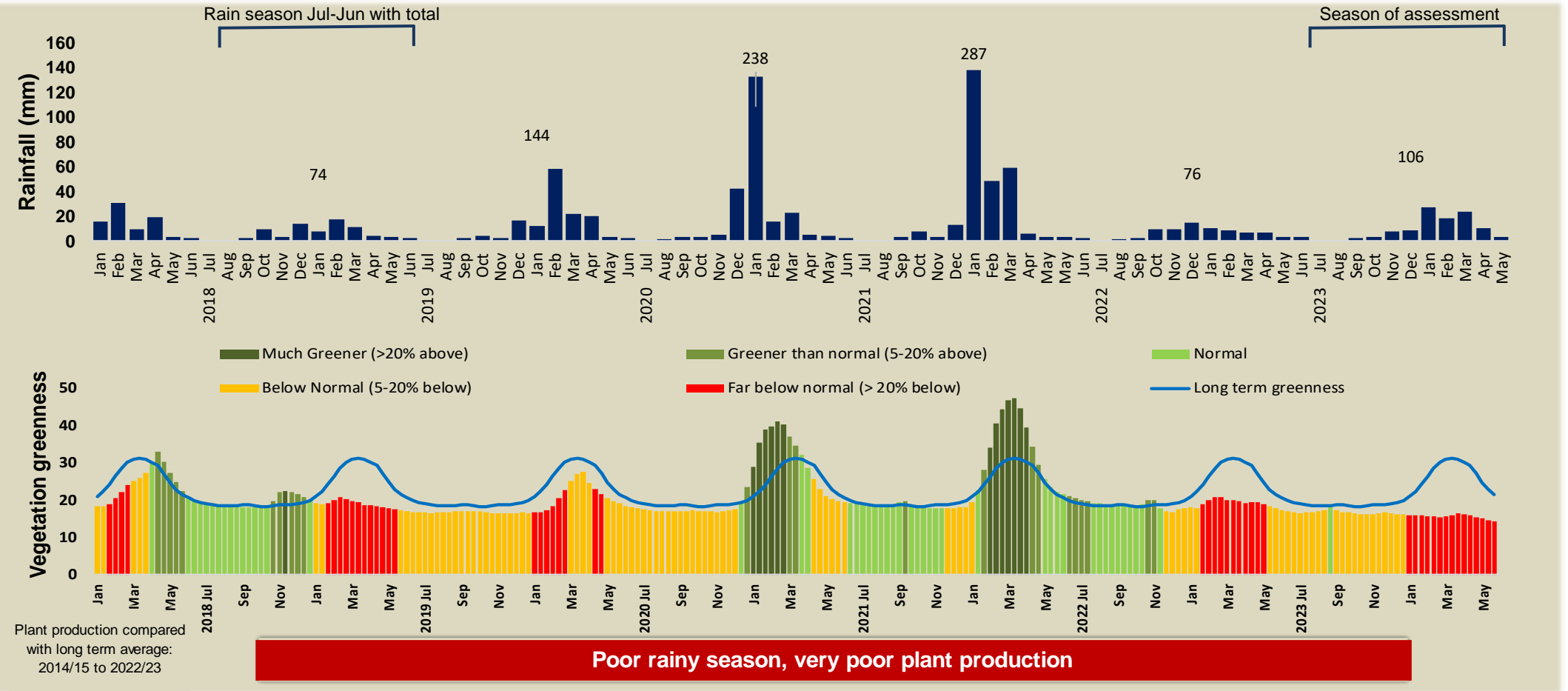




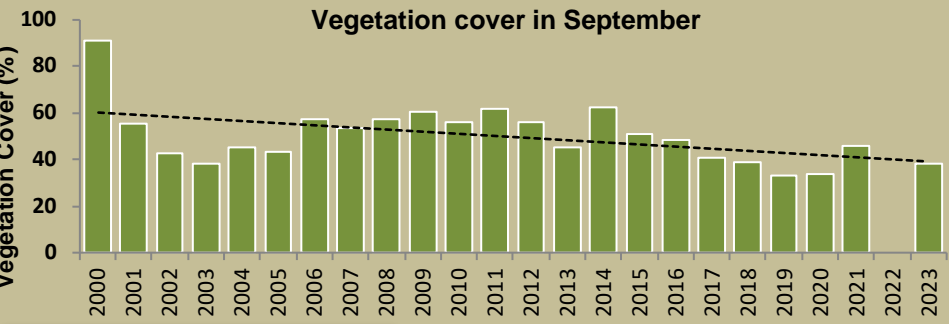
Adapting in response to the current environmental conditions ...

Seasonal trends in rainfall and vegetation (2023 / 2024 Season)



Vegetation cover trend (2000 - 2023)

High vegetation cover is good because more rainwater is prevented from running off, causing less erosion. Also, the soil is shaded leading to a decrease in soil temperature and evaporation.



Plant cover is decreasing - Why?

Vegetation cover : 2023

- Good vegetation cover
- Much bare ground

NACSO/WWF in Namibia

Vegetation productivity (February to April) 2024

Growing season

Zones

- Settlement & Cropping Area
- Multiple Use: Livestock Priority
- Multiple Use: Hunting Priority
- Multiple Use: Tourism Priority
- Multiple Use: Mining Priority
- Exclusive Wildlife: All Utilisation
- Exclusive Wildlife: Trophy Hunting
- Exclusive Wildlife: Tourism
- Exclusive Wildlife: No Disturbance
- Forest

Difference from average

- Much poorer
- Same as average
- Much better
- Roads
- Rivers
- Management zones

Fire management

Burns between 2000 and 2023 When and where it burnt in 2023

No fire monitoring



Times burned

- 1 - 2
- 3 - 5
- 6 - 9
- 10 - 13
- >13

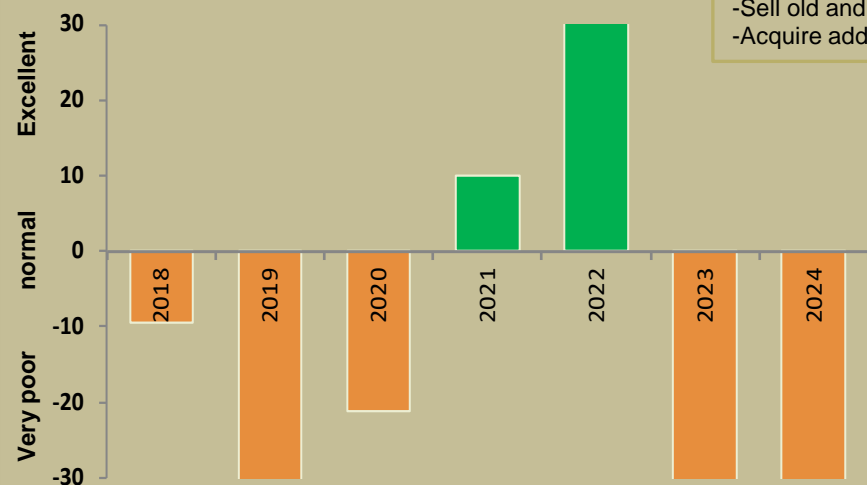
Burned area

- April - July
- Aug - December

Prevent late burns

Forage availability

During the growing season enough forage must be produced to sustain livestock and game until the next rainy season



Management Options

- Do nothing
- Buy more animals
- Move animals to better grazing
- Sell old and unproductive animals
- Acquire additional forage

Far below normal forage availability - Enough for livestock and game?

© NACSO / WWF in NAMIBIA T. Robertson

Climate and vegetation patterns assist in our understanding of the status of wildlife and livestock in the conservancy for the effective management of these resources.