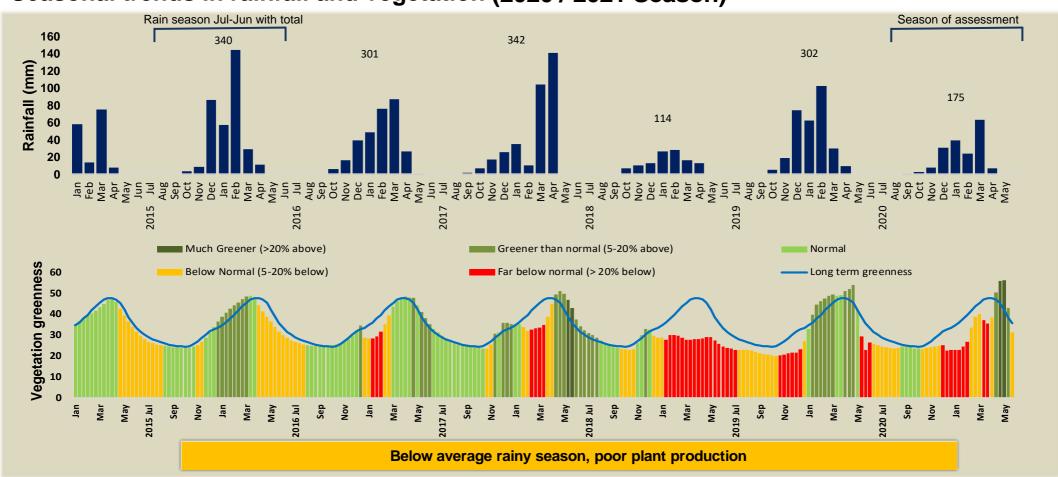
Uukolonkadhi Ruacana Climate and Vegetation Report

D1

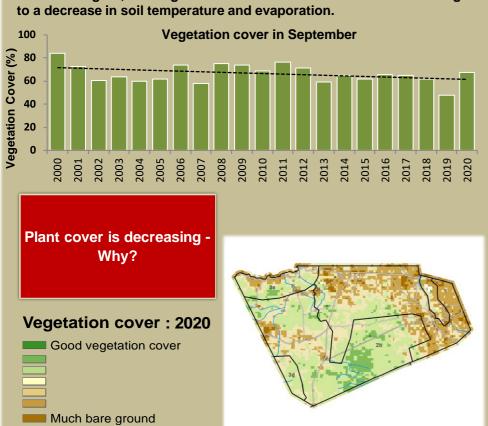
Adapting in response to the current environmental conditions ...

Seasonal trends in rainfall and vegetation (2020 / 2021 Season)

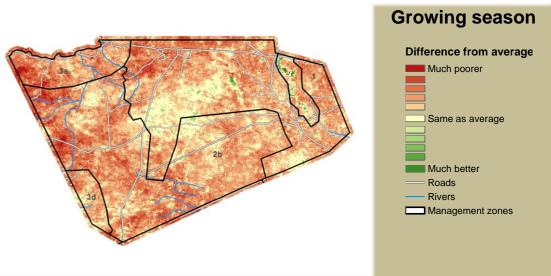


Vegetation cover trend (2000 - 2020)

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.



Vegetation productivity (February to April) 2021

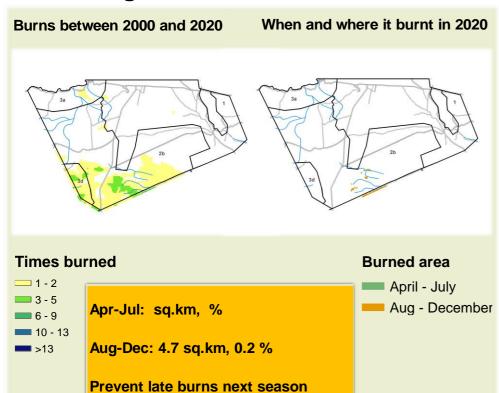


Zones

- 1) Settlement & Cropping Area 2a) Multiple Use: Livestock Priority 2b) Multiple Use: Hunting Priority
- 2c) Multiple Use: Tourism Priority 2d) Multiple Use: Mining Priority
- 3a) Exclusive Wildlife: All Utilisation
- 3b) Exclusive Wildlife: Trophy Hunting
- 3c) Exclusive Wildlife: Tourism
- 3d) Exclusive Wildlife: No Disturbance
- 4) Forest

Management Options

Fire management



Forage availability

During the growing season enough forage must be -Do nothing produced to sustain livestock and game until the next -Buy more animals -Move animals to better grazing rainy season -Sell old and unproductive animals -Acquire additional forage 20 10 -10 Very poor -20 -30

Below normal forage availability - Enough for livestock and game?

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.