

# Implementing a One Health Approach in Transfrontier Conservation Areas Will Help Build Resilience to Climate Change

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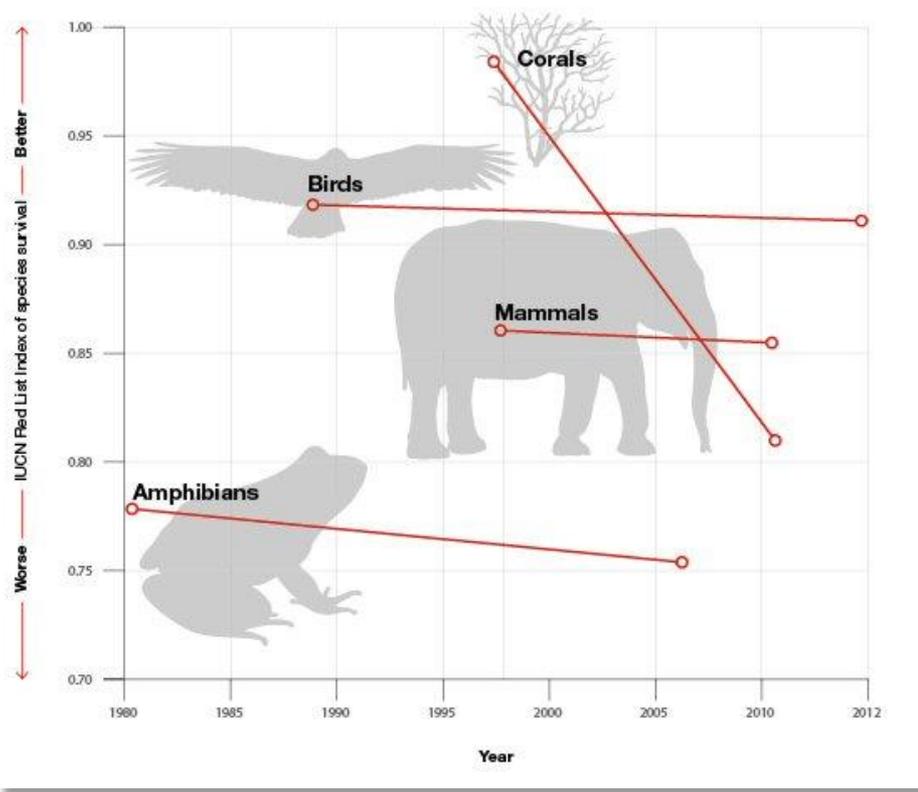
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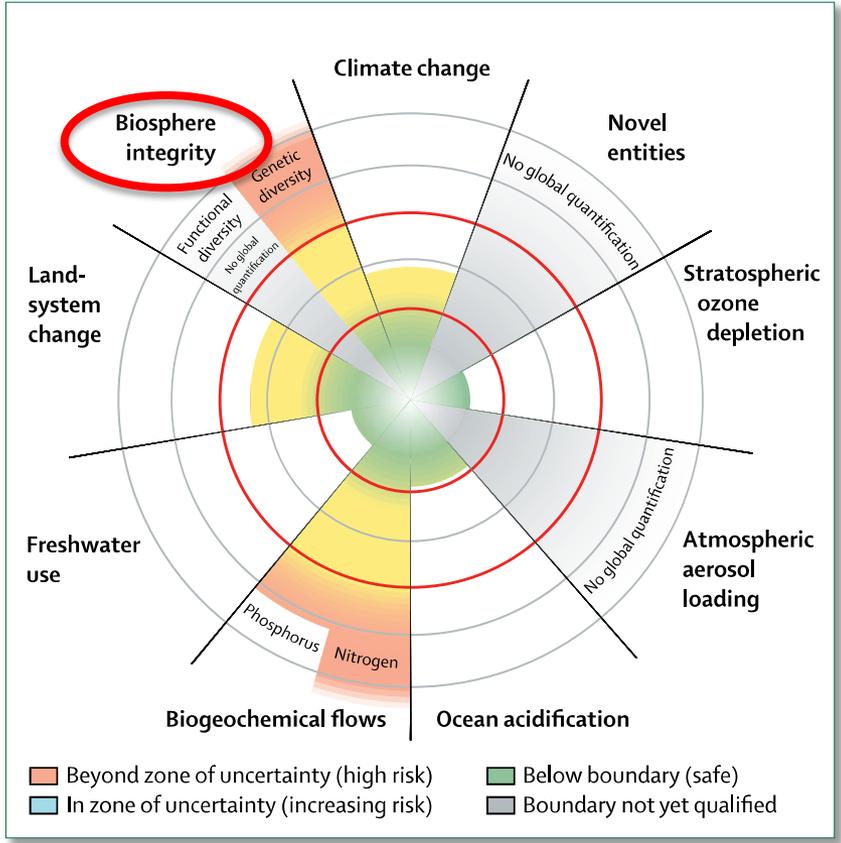


EUROPEAN CONFERENCE ON BIODIVERSITY AND CLIMATE CHANGE  
(ECBCC)

# Biodiversity & Planetary health

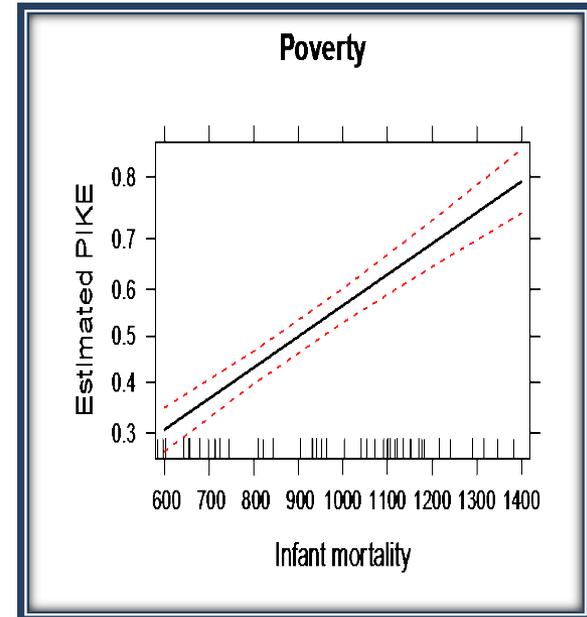
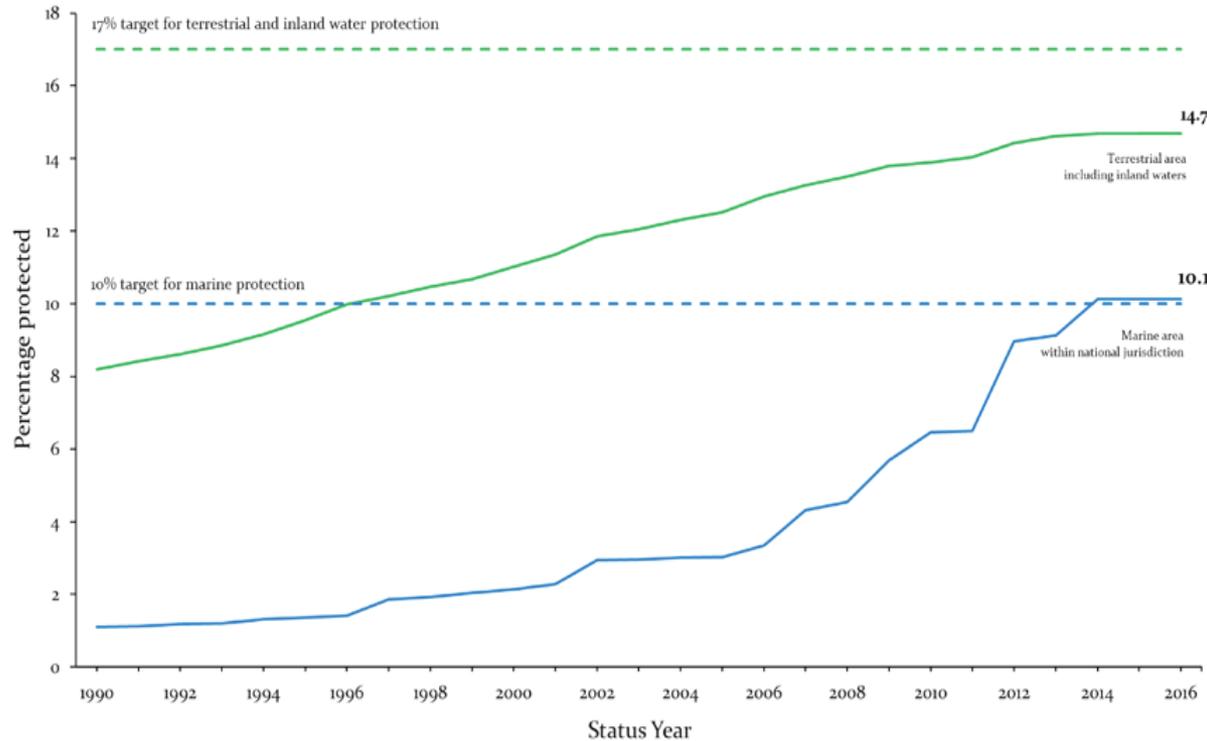


Red List Index 2016 (Source: [iucnredlist.org](http://iucnredlist.org))



Source: Whitmee et al (2015)

# Biodiversity Conservation & Poverty



*Elephant poaching and local poverty*

*(CITES, IUCN/SSC AESG, TRAFFIC 2015)*

- Aichi targets nearly reached: ca. 15% of the Earth land & 10% of marine areas covered by PAs
- BUT < 20% countries met their commitment to assess PAs effectiveness *(Source: Protected Planet Report, iucn.org, 2016)*

# Transfrontier Conservation Areas (TFCAs) at the Forefront of Climate Change



- $>2^{\circ}\text{C}$  rise in most Africa by 2050 (high emission scenario)
- Greater changes in southern Africa
- Most vulnerable: Marginalised people, women, children, elderly



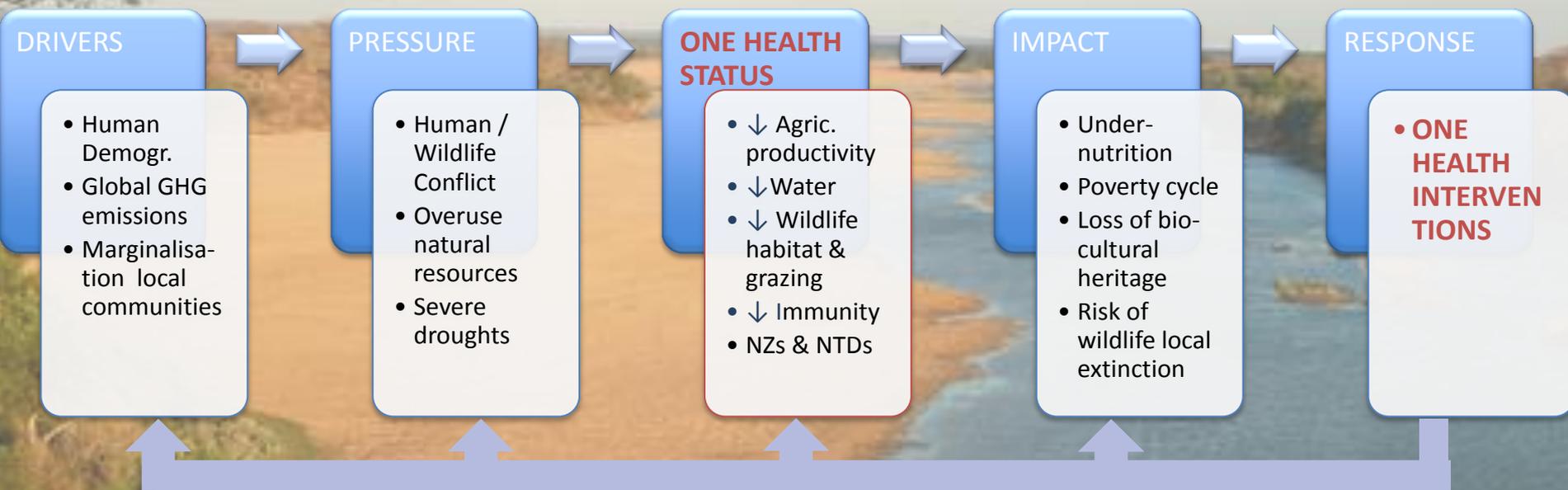
- $\uparrow$  water stress
- $\uparrow$  food insecurity
- $\uparrow$  health challenges

Source: IPCC, 2014

# One Health in the Great Limpopo-TFCA

## One Health (OH) Approach

- Integration of human health, animal health and environmental health
- Not about disease but about health
- Promoted by NEOH – Network for the Evaluation of One Health  
<http://neoh.onehealthglobal.net>



# One Health in the Great Limpopo-TFCA

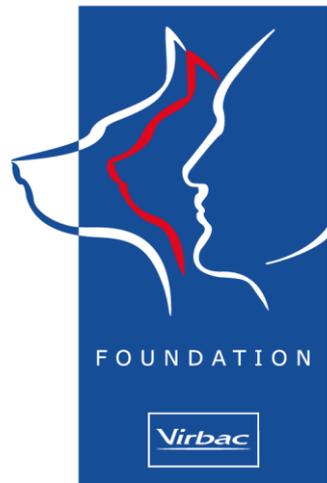
<https://www.environmentalwatch.org/en/one-health>

# THANK YOU FOR YOUR ATTENTION

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