
Kaingo Research Centre
Kaingo Game Reserve
Kaingo Reserve Foundation
KAINGO
Reserve Foundation



Kaingo Game Reserve is an officially declared protected area in the Waterberg, an area rich in landscapes, biodiversity, and archaeology.

Kaingo is a core area of the UNESCO declared Waterberg Biosphere Reserve. Classified a Critical Biodiversity Area 1 (Irreplaceable).



The Mokolo river weaves through breath-taking landscapes that offer rich ecological biodiversity and wide-ranging habitat.

KAINGO Game Reserve

Reserve development:
- 16,200 hectares Big Five reserve
- 22 farm parcels integrated
- > 40 structures & Eskom lines removed
- 14,000 hectares of infrastructure free natural area created

Rich in diversity:
- 4 land types, 3 geological formations
- 3 vegetation types, 15+ rock art sites



The Vision

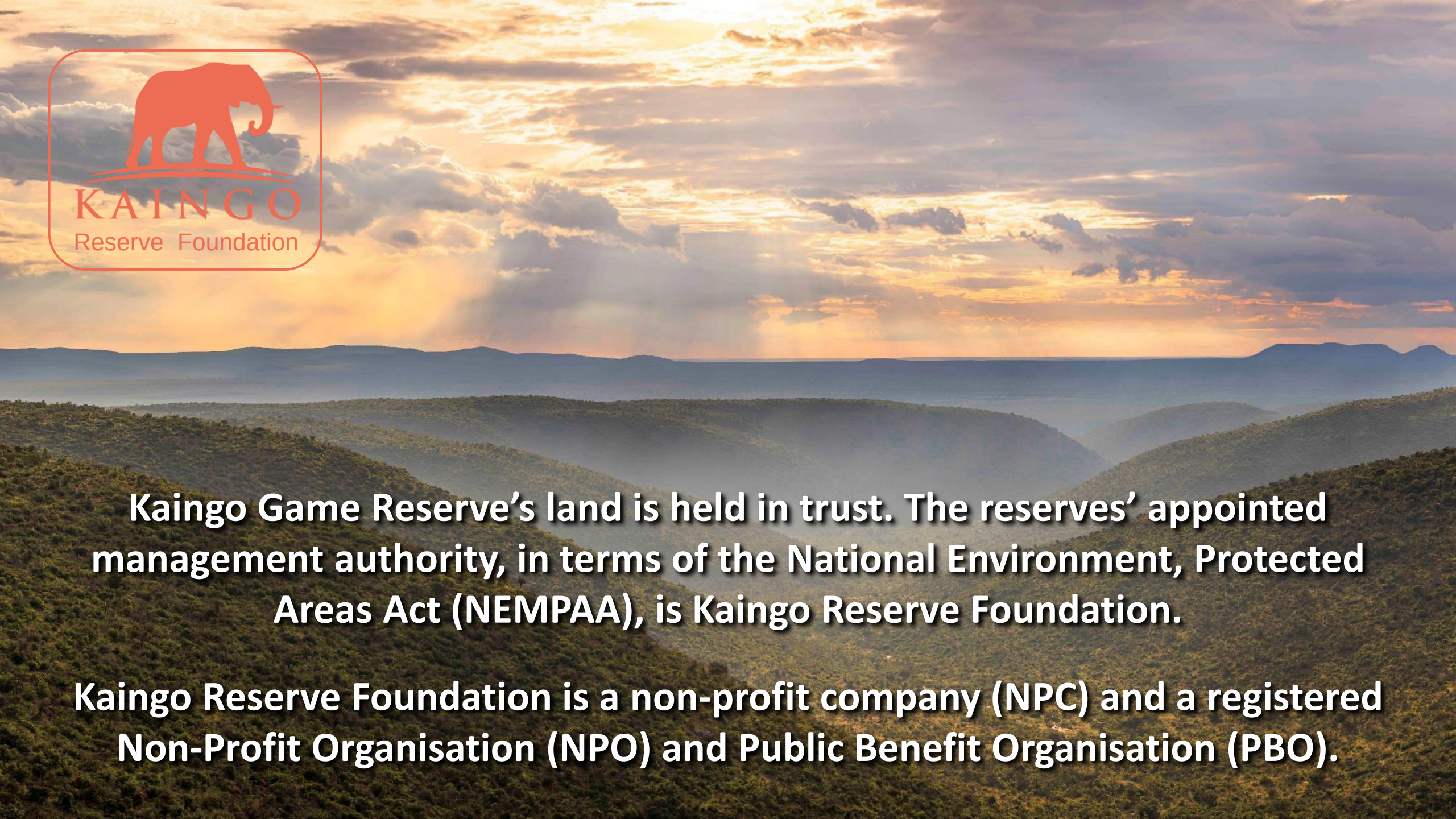
An enduring conservation legacy

Mission

Biodiversity Conservation. Responsible Tourism. Research & Education.

Two main objectives

Protecting the biodiversity of Kaingo and achieving our goal of sustainability



Kaingo Game Reserve's land is held in trust. The reserves' appointed management authority, in terms of the National Environment, Protected Areas Act (NEMPAA), is Kaingo Reserve Foundation.

Kaingo Reserve Foundation is a non-profit company (NPC) and a registered Non-Profit Organisation (NPO) and Public Benefit Organisation (PBO).

Kaingo Research Centre

Waterberg

- “Under-studied” area of Savanna Biome
- Need for relevant and applied research
- Diversity of habitats and previous habitation

Management

- Betterment of interventions and understanding
- Relevant and applied research

Target Groups

- Local and international institutions
- MSc, PhD, Post doc and focused studies

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Three core research themes

Conservation ecology

Biodiversity conservation of species and ecosystems.

How do we achieve sustainability and stability in the face of change?

Climate change

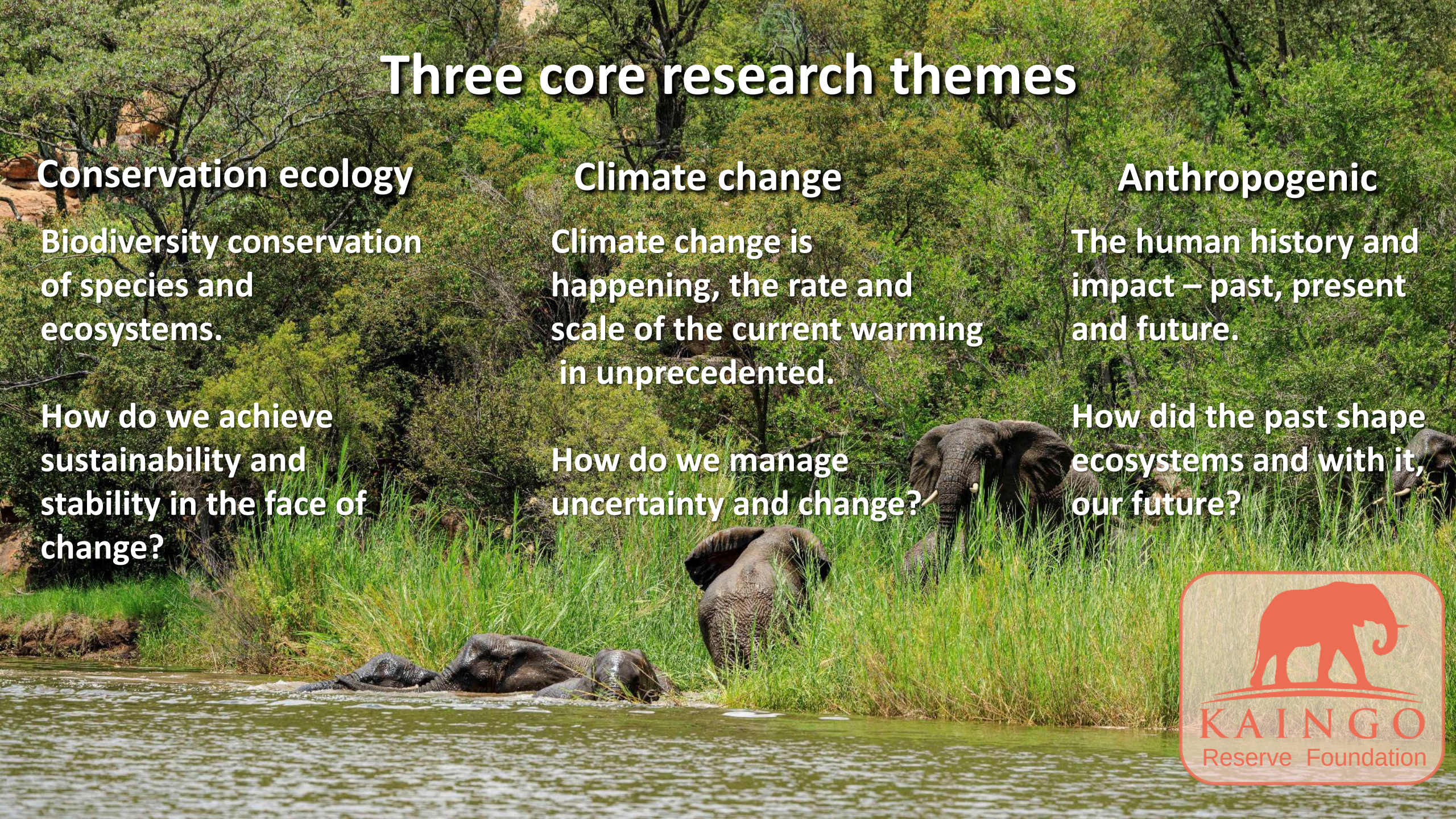
Climate change is happening, the rate and scale of the current warming in unprecedented.

How do we manage uncertainty and change?

Anthropogenic

The human history and impact – past, present and future.

How did the past shape ecosystems and with it, our future?



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Conservation Ecology

Biodiversity Restoration:

- Restoration of degraded habitats
- Rewilding of old plough lands
- Wildlife species composition
- Natural fire system reinstated
- Bush encroachment addressed
- Extensive and balanced approach



Wildlife Management:

- Endemic and threatened species
- Ecological, sustainable stocking
- Species of importance: Rhino, Cheetah, Lion, Leopard, Buffalo, Elephant, Pangolin, Tsessebe, Sable, Hippo, Crocodile
- Habitat protection e.g. black stork
- Endemic fish species

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Archaeology

- Heritage Management plan
- Sustainable tourism plan
- Site gradings
- Protection and Conservation
- Published articles

- Early, middle and late stone age sites
- 13 rock art sites described to date
- No occupation 30 000 to 5000 yrs, why?
- 2000 yr old Bambata pot sherds
- Acheulean sites, 1 mil to 780 000 yrs
- Homo Erectus, ancient stone tools

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Climate Change

Past 12 months:

- Wettest January recorded
- Extreme heat, summer 2024
- Black Frost, -11°C !
- Tornado
- Hailstorms
- Extreme bush fires
- Flooding

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Current Projects

Greenstuff:

Determining how consumption pathways affect ecosystem nutrient cycling

Archaelogy:

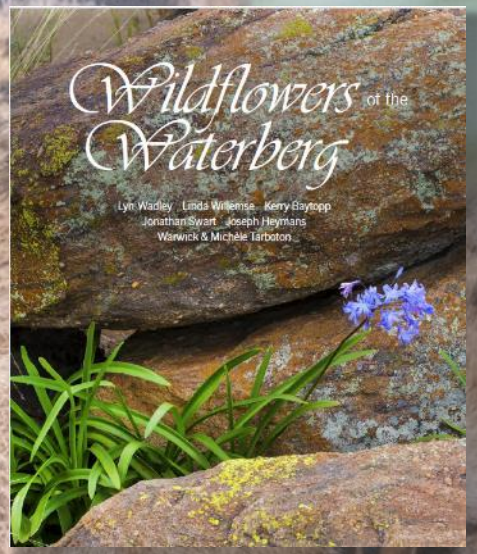
Sheep Rock Shelter,
Woodstock Rocks,
Pride Rock

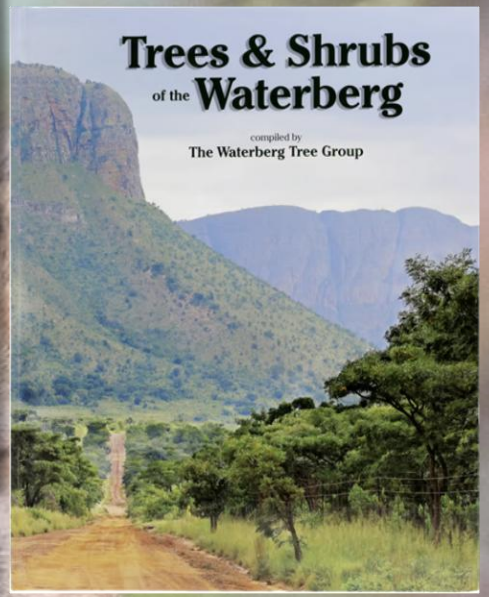


Biodiversity Dynamics in Novel Ecosystems:

Investigating the Relationship between Ecosystem Novelty, Megafauna associated Trophic Complexity and Biodiversity

Participation in Waterberg specific publications:









Growing institutional engagement:

- University of Pretoria
- University of KwaZulu-Natal
- Wits University
- Rhodes University
- University of Johannesburg
- University of Limpopo
- University of South Africa
- SA National Biodiversity Institute
- Dendrological Society
- SA Institute for Aquatic Biodiversity
- Universidad Nacional de Cordoba
- Waterberg Research Support Centre
- Birdlife SA
- Ditsong National Museum
- KwaZulu-Natal Museum
- Royal Museum for Central Africa
- University of Liverpool
- Econovo (Aarhuis University)
- Envirodel

Kaingo Research Centre









Kaingo Research Centre

WiFi internet access
Off-grid solar electricity

Laboratory
Shared office
Equipment storage areas

Serviced accommodation
Catered and self catering
Main lodge: 10 people
Hippo house: 8 people
Stone house: 4 people

Large communal area
Swimming pool
Laundry facilities

Support services
Safe environment







Proudly Conservationist. Uniquely Waterberg. Incomparably Kaingo.

Kaingo Research Centre

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In collaboration with:

W.R.S.C Waterberg Research Support Centre