



## PROJECT PRESENTATION

# Waterberg Wildlife & Veterinary Course



**AFRICA**

**GLOBAL** reach. **ADVENTURE** for all. **PROJECTS** to inspire.





**AFRICA**

# **ABOUT THE PROJECT**

Our conservation work  
in more detail

# ABOUT THE PROJECT

AFRICA

## Your three project locations

Your trip is split between three main locations, in two neighbouring provinces of South Africa. Starting at **Welgevonden Game Reserve** – the core, Big 5 monitoring and conservation experience. Followed by focused wildlife veterinary on a reserve also in the Waterberg from there you travel back to Gauteng where you will tour South Africa's only faculty of Veterinary Science, Onderstepoort. In **Gauteng** you will also assist with some shelter and community cases, and a K9 conservation unit.

### Project locations and duration are as follows:

#### 15–30 June Itinerary

##### 15 – 22 June

Waterberg Biomonitoring Project – Welgevonden Game Reserve – Waterberg – Limpopo Province

##### 22 – 26 June

Waterberg game reserve with Wildlife rehabilitation – Waterberg – Limpopo Province  
(Lectures and practicals)

##### 26 – 30 June

Onderstepoort, Kyalami, Midrand and surrounding areas – Gauteng Province



# ABOUT WELGEVONDEN

AFRICA

## Welgevonden Game Reserve

- Over 36,000 hectares
- Home to 100+ mammal species, including the Big Five and rare and endangered species.
- Its diverse habitats support a rich variety of antelope and over 300 bird species.
- Dedicated to conservation, balancing biodiversity protection with responsible tourism.
- The reserve's management focuses on habitat restoration, anti-poaching initiatives, and ongoing wildlife research to ensure a sustainable future for its unique ecosystem.

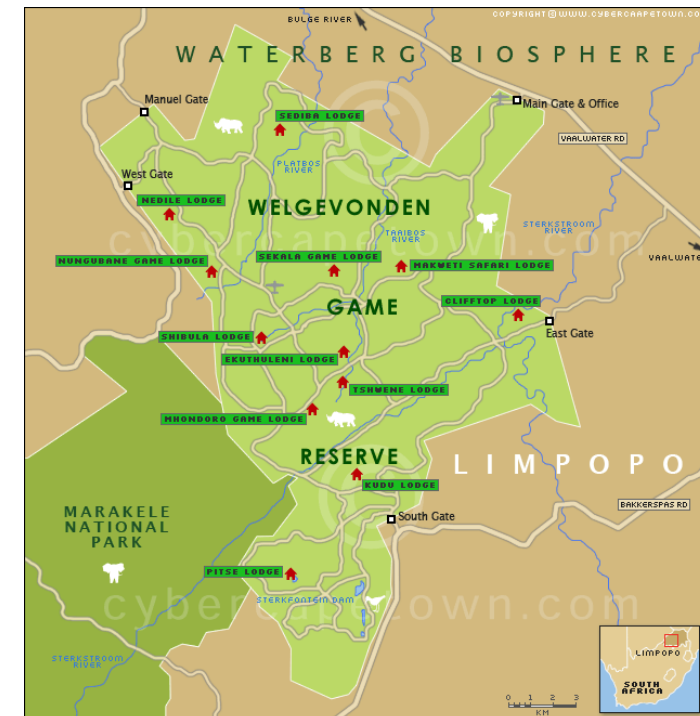


# ABOUT WELGEVONDEN

AFRICA

## Welgevonden Game Reserve

- Privately Managed Game Reserve
- Forming part of the Waterberg Biosphere (4,000sq/km)
- Work alongside the conservation team including:
  - Wildlife Vets
  - Conservation Researchers
  - Ecologists
  - Anti Poaching Unit
- Located in a Malaria free zone
- Proclaimed Protected Conservation Area
- Savannah Eco System
- Research Camp Accommodation

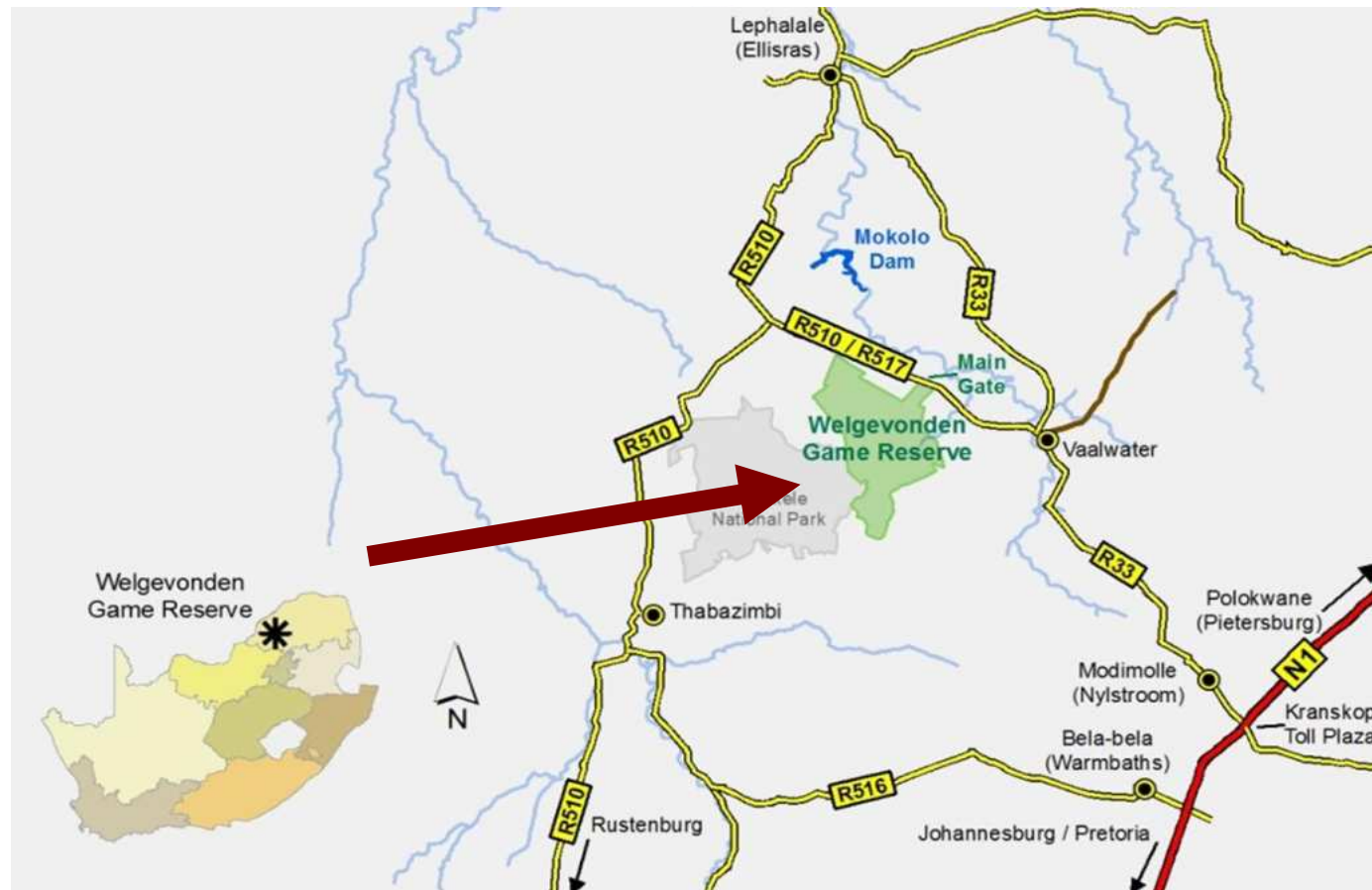


# ABOUT WELGEVONDEN

AFRICA

## Welgevonden Game Reserve - Location

- South Africa a world leader in conservation
- Malaria free Waterberg Region





# ABOUT WELGEVONDEN

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## Home to the BIG 5



ANY QUESTIONS?

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# ABOUT WELGVONDEN

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**Home to over 60 Species of Mammal**



ANY QUESTIONS?

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## Research and Ecological Biomonitoring

**Rhino monitoring** – participants identify uniquely marked individual rhinos in the field using an identikit. Data is captured electronically in the field and later automatically downloaded to a secure database. Information recorded includes animal ID, location, social groupings, body condition, etc. The data is analysed by the research ecologists and used to make informed management decisions regarding the rhino population.

**Predator monitoring** – this includes all the large predators: lion, cheetah, leopard and spotted and brown hyaena. Individuals are occasionally collared for research and/or management purposes. Participants monitor these collared individuals using telemetry or GPS tracking technology. Camera trap surveys, in conjunction with Panthera, are conducted annually to determine the range and population dynamics of the resident leopard population as part of the larger Waterberg population. These camera traps are tailored for leopards, but capture photographs of the smaller, meso-predator population of the reserve – this is useful as these cryptic species are seldom seen otherwise.



## Research and Ecological Biomonitoring

**Game transects** – pre-determined routes are driven along which game is counted. Transects are driven monthly during which the team collects data pertaining to animal species, body condition, herd structure and herd location. Analysis of this data provides an in depth understanding of the reserve's prey base and the population dynamics of the more important/common species.

**Vegetation surveys** – Grass species composition and biomass are determined on an annual basis. This information is used to understand the quality and quantity of available food for grazing species as well as helping to decide where best to establish fire breaks (an obstacle to the spread of fire). Woody (tree) monitoring occurs every five years and is used to determine: species composition, recruitment and growth rates and the impact of fire, elephant, browser and invertebrates on the woody plant layer.





## Research and Ecological Biomonitoring

**Plains monitoring** – Welgevonden Game Reserve was not always a protected wilderness area with its early history rooted in agriculture. Upon conversion into a game reserve, many old agricultural fields were rehabilitated into grazing lawns. These fields, as well as the animals that make use of them, are monitored on a monthly basis to evaluate the effectiveness of this long-term programme.

**Special Interventions** – As these interventions occur sporadically, where possible, participants and volunteers will be given the opportunity to join and witness these special veterinary interventions which could include elephant collaring, rhino notching, predator captures and animal releases.





# ABOUT THE PROJECT

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## Monitoring the Welgevonden Rhino Population

- Individuals identified
- Behavioural observations
- Herd structure
- Natalities/Mortalities
- Photos and GPS locations
- Body condition scoring
- Feeding in winter





# ABOUT THE PROJECT

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## Research – Habitat and Prey Selection: Predators



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# ABOUT THE PROJECT

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## Monitoring Herbivore Condition and Health





# ABOUT THE PROJECT

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## Camera Trap – Research and Study



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# ABOUT THE PROJECT

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## Night Game Drives



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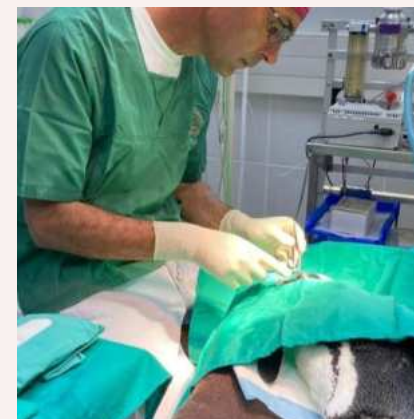


# ABOUT THE PROJECT

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## Dr Peter Caldwell – Wildlife Specialist Veterinary Surgeon

Dr. Peter Caldwell is a leading wildlife veterinary surgeon based in Pretoria. He owns and operates a small animal clinic and travels extensively across South Africa and beyond, treating priority and endangered species. He specialises particularly in cheetahs and serves as the primary veterinarian and advisor at Welgevonden Game Reserve. Dr. Caldwell is actively involved in wildlife conservation and research, contributing to studies on fertility control and disease management in wild animals. His expertise is frequently sought by reserves and conservation organisations.





# ABOUT THE PROJECT

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## Welgevonden Veterinary Intervention

A management veterinary intervention will be scheduled during your group's time on the reserve. This may include rhino DNA collection and ear-notching, the removal or fitting of tracking collars, fertility procedures, or capture for translocations. If a priority species is injured, it will receive necessary treatment. Students are encouraged to participate as ground crew and veterinary assistants if possible. However, please note that this procedure is not guaranteed, as wildlife is unpredictable, and animals will never be sedated without a valid reason.





# ABOUT THE PROJECT

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## Rhino – DNA Collection, ID and Ear Notching



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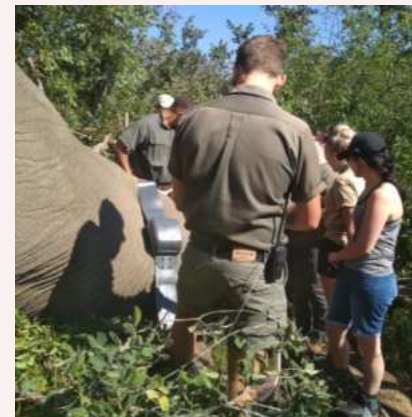
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# ABOUT THE PROJECT

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## Elephant immobilisation & collar change



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# ABOUT THE PROJECT

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## Cheetah Relocation – Endangered Wildlife Trust (EWT)



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# ABOUT THE PROJECT

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## Collaring of Spotted Hyena



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# ABOUT THE PROJECT

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## Game Release and Introductions



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# ABOUT THE PROJECT

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## Elephant fertility management





# ABOUT THE PROJECT

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## Post Mortems



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# ABOUT THE PROJECT

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## Waterberg Wild Dog – Boma Visit



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# YOUR PROJECT

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## Lectures – Welgevonden

- Reserve history
- Anti-poaching
- Fire to herbivore driven system
- Priority species
- Large predator management
- Managing wildlife reserves & land capacity model
- Boma management
- Fenced reserve population management





# ACCOMMODATION & LIFESTYLE

AFRICA

## Weekends

### Vaalwater Town and Township Tour

Visit local art gallery, curio shop, craft market

Visit to village for traditional dancing and music.

### Horse Riding Excursion

Horesback Safari – Outride in the bush – all levels welcome

**Weekend Activities pre-booked with GAP Africa and paid locally.**





# ABOUT THE PROJECT

AFRICA

## Dr Zoë Glyphis – Wildlife Veterinarian

Dr Zoë Glyphis is a Gauteng based wildlife veterinarian and travels all over South Africa to treat mainly priority, endangered species.

She has extensive experience in helping and assisting several NGO groups and organisations with their efforts to increase predator ranges and to establish safe and genetically viable populations in new conservation areas as well as treating surviving poached rhino.

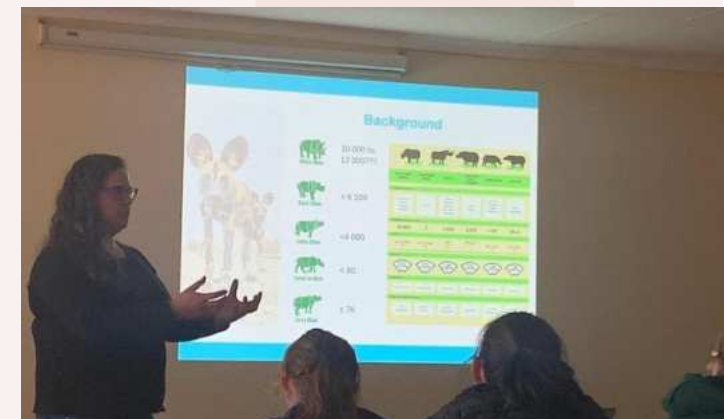
She enjoys sharing her knowledge with students and is a patient teacher in this regard.





## Lectures – Dr Zoe Glyphis

- Conservation in Africa
- Wildlife poaching
- Wildlife diseases
- Rhino wounds and case studies
- Wildlife capture systems – Darting wildlife
- Drugs used in wildlife medicine
- Dosage calculation for wildlife
- Logistics of wildlife transportation – vehicles, crates & equipment
- Boma management and rehabilitation
- State veterinary disease control in practice
- Wildlife trade auction & value of livestock





## Practical Sessions

- Post-Mortem / Necropsy demonstration
- Dart shooting practice
- The kit and clinic of a mobile wildlife vet
- Q & A





## Onderstepoort Campus

- University of Pretoria Faculty of Veterinary Science
- Campus Tour
- Clinical Skills Lab





## Kyalami – Rescues – and working K9s

### Society for Animals in Distress

Students assist professional Masterton method practitioner and veterinarians at this rescue centre with horses (and other animals) that have been rescued. Animals come from unfortunate (poverty) circumstances and are rehabilitated to be rehomed.

### Johannesburg Wildlife Vet

Johannesburg Wildlife Vet rescues, rehabilitates, and releases indigenous wildlife in South Africa. Specialising in treating sick, injured, and orphaned animals, this non-profit provides expert care while promoting conservation through education and research.

### Pit-track K9 antipoaching unit

In preparation for going to wildlife reserves, students will meet a leading K9 antipoaching team. A talk about the poaching crisis will be given as well as a K9 demo. Students then have the opportunity to assist these working dogs with physio needs.





## Society for Animals in Distress

- Vet care overseen by Vets, Vet nurse, Animal Health Technicians, and Animal Welfare Assistants.
- For dogs, cats, small animals and equine.
- drive access to veterinary care for all, to serve vulnerable communities and animal care organisations.
- Animals that suffer in impoverished circumstances







**AFRICA**

# **ACCOMMODATION & LIFESTYLE**

Life in the African Bush



# ACCOMMODATION & LIFESTYLE

AFRICA

## Welgevonden Biomonitoring/Research Camp

- Student centre and research camp
- Tents that sleep 2-3 people
- Lighting and electricity supply
- Communal hot and cold showers and regular flushing toilets
- Communal facilities including a lecture room/entertainment area
- Wi-Fi
- Fenced off within the Big 5 Reserve



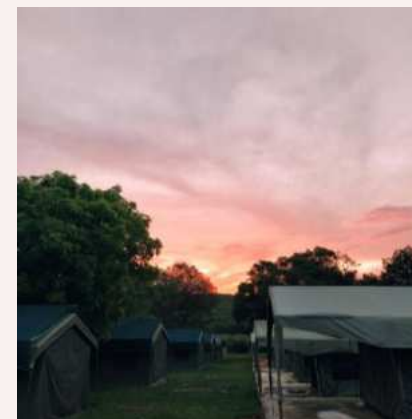


# ACCOMMODATION & LIFESTYLE

AFRICA

## Welgevonden Biomonitoring/Research Camp

- Communal dining area
- Three meals daily self-cook basis, prepared communally by the group.
- Students will take part in communal cooking and keeping the kitchen tidy.
- Most evenings are spent at leisure around the camp.



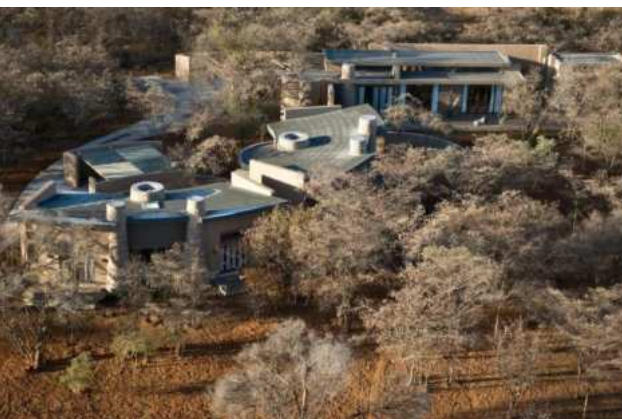


# ACCOMMODATION & LIFESTYLE

AFRICA

## Entabeni Safari Conservancy

- Twin bedded rooms
- Lounge and dining area
- Fully equipped kitchen
- Three meals daily self-cook basis, prepared communally by the group.
- Students will take part in communal cooking and keeping the kitchen tidy.





# ACCOMMODATION

AFRICA

## Gauteng – Kyalami Accommodation

Kyalami – horse capital of the country

You will be hosted in a safe and comfortable shared, homely guest house accommodation in the equestrian-themed suburb.

All meals will be provided, a packed lunch if the group are not returning to the accommodation at lunch time.

Evenings are spent at leisure around the camp and guest house.







**AFRICA**

# **USEFUL INFORMATION**

Inclusions/Exclusions &  
Recommended Kit List



# TRIP OVERVIEW

AFRICA

## Aberystwyth University – Booking Reference 4690

### Trip Dates:

15<sup>th</sup> June – 30<sup>th</sup> June 2025

### Flights:

Flight No	Flight Date	Dept.	Dept. Time	Arr.	Arr. Time
BA57	14/06/2025	London Heathrow (LHR)	21:25	Johannesburg (JNB)	09:25 + 1 Day
BA56	30/06/2025	Johannesburg (JNB)	19:25	London Heathrow (LHR)	05:35 + 1 Day

### Project:

Waterberg Wildlife & Veterinary Course (Vet Group)

### Trip Cost:

£2,595.00 per person

£300.00 deposit

£2,295.00 Balance due 20/04/2025



# WHAT'S INCLUDED

AFRICA

## What is included?

- Flights
- Transfers to/from project
- Accommodation
- Three meals per day
- All activities as part of the project
- ATOL protection
- Airport meet/greet
- 24/7 In country support



## NOT Included

- Personal travel insurance \*
- Meals on travel days – before arriving & after departing from project
- Any activities not specified as part of the project
- Visa's/travel documents
- Tips

*\* We recommend that you take out personal travel insurance as soon as your booking is confirmed.*



# THE NEXT STEPS

AFRICA

## Confirmation Documents

Confirmation documents will be issued and sent directly to you via email.

Please communicate with us with any questions relating to the field trip.

**Gap Africa Projects**

10 Oct 2022  
Ref: 23-KCA-CAC7-01-17

**Dear Chloe,**

Thank you for choosing to book with Gap Africa Projects as part of the Kavalali College trip to Zulu Land Conservation Research. Please take the time to look through this document and check that everything is correct.

We have received your deposit payment and your payment is now confirmed as per the details below. The final balance and due date is detailed on your invoice.

Please remember that you can contact me to discuss anything in this document as well as any other aspect of your experience and I am on hand to ensure your travel is as smooth as possible for the entirety of your placement.

Warm regards,  
The Gap Africa Team

**Passengers Travelling**  
Miss Chloe

**Placement(s)**  
Zulu Land Conservation Research (06/03/23 - 18/03/23)

**Inclusions**  
Flights, travel, road transfers to and from Project, accommodation for duration, all meals and all project activities.

**Exclusions**  
Insurance, any activities undertaken that are not included as part of the project.

**Your Flight(s)**

Flight No.	Date	Time	From	To
BA1399	05/03/2023	0:13:00	Manchester (MAN)	London Heathrow (LHR)
BA1399	05/03/2023	A: 18:05	London Heathrow (LHR)	Manchester (MAN)
BA1399	05/03/2023	0:13:00	London Heathrow (LHR)	Manchester (MAN)
BA1399	05/03/2023	A: 18:05	Manchester (MAN)	London Heathrow (LHR)
BA1399	05/03/2023	0:13:00	London Heathrow (LHR)	Manchester (MAN)
BA1399	05/03/2023	A: 18:05	Manchester (MAN)	London Heathrow (LHR)

**Your Booking**

**Travel Advice**

**Names and spellings**  
Please ensure that your name and any other details are correct on your booking. If you have a passport that is not your current one, please ensure you have the correct one on your booking. If you have a passport that is not your current one, please ensure you have the correct one on your booking.

**Passport expiry date**  
Your passport must be valid for at least 6 months after the end date of your booking. If your passport expires within 6 months of the end date of your booking, you must renew your passport before you travel.

**Passport Copies**  
It is recommended that you have photocopies of your passport, documents and any other relevant information with you when you travel. It is not possible to replace a passport while you are abroad.

**Travel Insurance**  
It is essential that you have the appropriate travel insurance for your trip. Please remember to take the certificate and policy wording letter with you when you travel. It is not possible to replace a passport while you are abroad.

**Gap Africa Projects**  
PO Box 106  
Chesham  
Bucks HP8 4JH  
UK  
Tel: +44 (0) 207 193 7819  
Email: info@gapfricaprojects.com

**CONFIRMATION INVOICE**

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Email: info@gapfricaprojects.com

Miss Chloe

10/10/2022  
Invoice No: 23-KCA-CAC7-02-06  
Booking Ref: 4433

**Project Placement, Dates & Details**

Description	Qty	Amount	Balance
Zulu Land Conservation Research	1	06/03/2023	18/03/2023

**Flights**

Flight No.	Date	Time	From	To	Operator	Remarks
BA1399	05/03/2023	0:13:00	Manchester (MAN)	London Heathrow (LHR)	British Airways	
BA1399	05/03/2023	18:05	London Heathrow (LHR)	Manchester (MAN)	British Airways	
BA1399	05/03/2023	0:13:00	London Heathrow (LHR)	Manchester (MAN)	British Airways	
BA1399	05/03/2023	18:05	Manchester (MAN)	London Heathrow (LHR)	British Airways	

**Other Services & Details**

Description	Date	Amount
Total cost of the arrangements as specified above	18/03/2023	£ 2,395.00
Deposit Payment	10/10/2022	£ 1,000.00
<b>Total balance due by 18/03/2023</b>		<b>£ 1,395.00</b>

**Payment Methods**

For all bank transfers, please use your surname and booking number 4433 as reference. For transfers outside of the UK, please ensure that international transfer charges are covered when making the transaction.

Chesham: Payable to GAP AFRICA PROJECTS LTD.  
Account No: 14000004  
Bank Transfer: Account No: 14000004  
Sort Code: 20-46-73  
Swift: BARC3322  
BIC: BARC3322

This is an important document. Make sure that you take it with you when you travel.

## ATOL Certificate

This confirms that your money is protected by the ATOL scheme and that you can get home if your travel company collapses.

This certificate sets out how the ATOL scheme will protect the people named on it for the parts of their trip listed below.

**Who is protected?** Number of passengers: 19

**What is protected?**

You can find more detailed information on your booking, including price, on the confirmation you will receive from Gap Africa Projects Limited.

**Who is protecting your trip?**  
Gap Africa Projects Limited ATOL Number 10890

**Your protection**  
You are protected from when you were given this certificate to the end of your trip.  
If Gap Africa Projects Limited stops trading, the passengers named above will either:  
1 complete their trip and return to the UK, or  
2 receive a refund.  
Your protection depends on the terms of the ATOL scheme (available at [www.atol.org.uk](http://www.atol.org.uk)).

If Gap Africa Projects Limited stops trading, you must follow the instructions at [www.atol.org.uk](http://www.atol.org.uk) where there will be details of arrangements to bring people back to the UK, and information on how people can claim their money back or you can call +44 (0) 20 7465 6350.

By issuing this ATOL Certificate, under Regulation 17 of the Civil Aviation (Air Travel Organiser's Licence) Regulations 2012, Gap Africa Projects Ltd confirms that the trip to which it applies is sold in line with the ATOL held by the organiser named above. The ATOL scheme is run by the Civil Aviation Authority and paid for by the Air Travel Trust. To see what that is and what you can expect, together with full information on its terms and conditions go to [www.atol.org.uk](http://www.atol.org.uk). As well as the protection of the ATOL scheme, you have protection under the Package Travel Regulations. For more information see [www.direct.gov.uk](http://www.direct.gov.uk) in the Travel and Transport section.

Unique reference number	Date of issue	ATOL Certificate holder	ATOL number	Package sale
4433	10/10/2022	Gap Africa Projects Ltd	10890	

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