CV for PETRA ELISABETH CAMPBELL

Born: 31/10/64   **Nationality**: German

Education: BSc (Hons) Physics, 1st Class 1985 - 1988

D Phil, Energy Strategy for Northern Ireland, 1988-1992

University of Ulster, Coleraine, Northern Ireland

Work Experience

1992 – 2001 Research Fellow, Energy Research Centre, University of Ulster

2001 – 2015 Energy Analyst, E.On Energy, Germany

2010 – to date Systems Advisor, Rhino Fund Uganda

2015 – to date Wildlife Naturalist and Giraffe Researcher

Other Experience

Volunteer on Earthwatch Black Rhino project, Kenya 2003

From 2003, Extensive travel throughout East and South Africa reviewing and advising on rhino monitoring, data capture and analysis systems

Contributory author of several research and management papers published in Pachyderm, the Journal of the African Elephant and Rhino Specialist Groups

Key Skills

Data collection and Analysis including Modelling in Excel

Presentation of analysed data in Power Point

Professional competence in IT and macros for Excel

Professional competence in GIS and GPS systems

Lecturing and Training on data collection and analysis systems

Fluent in German and English

Working in Wildlife

Established a data capturing and analysis system for black rhinos for Ol Pejeta Conservancy, Kenya and for Solio Game Reserve, Kenya

Trained rangers in the use of GPS, Created GIS maps for data presentation

Established and maintained white rhino, lion and giraffe photo ID databases

Acted as Wildlife Naturalist at Rhino Watch Lodge, Kenya briefing and giving presentations to guests and teaching students

Working in collaboration with the Giraffe Conservation Foundation to establish giraffe photo ID database for Africa using the GiraffeSpotter software

Individual giraffe censuses carried out in Solio Game Reserve and Ol Pejeta Conservancy, Kenya and Murchison Falls National Park, Uganda.

On behalf of the Giraffe Conservation Foundation and Kenya Wildlife Service, carry out baseline population surveys for giraffe across the Masai Mara Ecosystem including the National Reserve and all surrounding community conservancies.

In addition to undertaking the surveys, all areas have received training in giraffe identification and behaviour to aid in future population management

As Systems Advisor, Rhino Fund Uganda

Mentoring the Data Capture Analyst in Site specific computer analysis systems

- Training to maintain computer programs for data capture and analysis of the monthly rhino monitoring data offering on-going support
- Training to write computer programs for specific analysis requirements to inform management offering on-going support
- Guiding the analysis of other data as required (e.g. electricity usage)

Training and Supporting the use of GIS

- Training rangers to take readings with GPS to obtain measurements of different features in the sanctuary
- Assisting management with the maintenance of an up-to-date GIS map of the sanctuary (e.g. roads and reference points)
- Supporting the Head of Guides and Volunteers to map routes of set client activities undertaken on the sanctuary
- Supporting the Operations and Security Manager to produce monthly GIS-based reports on crime data collected throughout the sanctuary
- Supporting management by creating GIS maps with data to assist management decisions including biodiversity management (e.g. extent of fires, changes in swamp size) and rhino population management (territories and home range analysis)

Volunteer and Client Activities in support of the Head of Guides and Volunteers

- Supporting and mentoring the Head of Guides and Volunteers in developing rangers to carry out client activities
- Supporting in the assessment and development of the activities for clients and volunteers
- Supporting the creation of a photo-database for bushbuck on the sanctuary, training rangers to take appropriate photos and in preparing them for the database

Supporting Staff Training

- Training and supporting administration staff in the use of Microsoft Office programs (including VBA code) and guiding them in creating appropriate documents for daily use as well as reporting purposes

- Supporting the Head of Operations and Security to train RFU and UWA rangers in the use of crime collection software on a regular basis

Other

- Supporting the Executive Director, RFU with the bespoke software for the RFU and UWA staff duty rosters updated on a monthly basis
- Supporting management in the assessment of staff and IT training needs

As Consultant to Maisha Madrugada Foundation

Carried out a scoping survey on the potential for supporting a wild dog project in Mt Suswa and surrounding ecosystems; recommendation to postpone activity accepted by client.

Carried out a scoping survey on the potential for supporting a wild dog project in Masai Mara ecosystem led to establishing the Osuyiani Conservation Education Project focused on one conservancy and working with the Mara Predator Programme. This work is on-going.

PEC. December 2021