



The Mnisi One Health Platform within the context of the TFCA veterinary and wild life Programme



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Lefapha la Diseanse tša Bongakadiriwa

Transfrontier Conservation Areas or Parks (TFCAs) are large, formal, ecological conservation areas that straddle the boundaries of two or more countries. These trans-boundary parks are managed collaboratively by participating countries to improve biodiversity conservation, and to stimulate the socio-economic development of communities at the interface of these areas

The Faculty's TFCA programme, based on the 'One Health' approach, aims to investigate the impact of the development and existence of these parks on the communities on their borders (the 'interface').

The Mnisi One Health Platform

The Faculty's Mnisi One Health Platform in partnership with stakeholders such as the Mnisi Traditional Authority, Peace Parks Foundation, Mpumalanga Veterinary Services, and the Mpumalanga Tourism and Parks Agency, comprises:

- Improving the health and well-being of people, animals and the ecosystem
- More than 60 projects in the area in partnership with community members or animal owners dealing with livestock and wildlife production, management, food security, and trade and marketing of livestock, wildlife and their products
- Providing assistance, as a training and teaching opportunity for undergraduate and postgraduate veterinary students, with animal health management and disease control
- Support research, training, community development and animal health management through the Hans Hoheisen Wildlife Research Station, Hluvukani Animal Health Clinic and community engagement
- Determining the direct impact of diseases of wildlife on domesticated animals and humans
- Research the impact of diseases maintained in wildlife on the socio-economic status of the community at the Hans Hoheisen Wildlife Research Station.
- Creating and maintaining a Health and Demographic Surveillance System (HDSS) database for 15 000 cattle in the Mnisi community
- Contribute to the development of TFCAs especially the Great Limpopo TFCA by promoting resilient, productive ecosystems for sustainable biodiversity, rangeland ecology, conservation, and management

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