



AVISENSE AFRICA

COMPANY PROFILE

AVISENSE Africa (Pty) Ltd

Registration number: 2021 / 879179 / 07

Directors: Andrew Jenkins PhD; Pr. Sci. Nat. Zoology, Ecology 400117/14
Anthony van Zyl MSc

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BBBEE: EME Level 4 contributor with 100% procurement recognition

AVISENSE Africa is co-owned and run by Andrew Jenkins and Anthony van Zyl, and offers expert, bird-related information and advice to environmental consultancies, commercial and industrial ventures, and private individuals. Andrew Jenkins has been doing bird impact assessment work in Southern Africa for over 20 years and has a strong background in academic research going back three decades. He is a founding member of the Birds & Renewable Energy Specialist Group (convened by BirdLife South Africa and the EWT) and is a Research Associate at the University of Cape Town. Anthony van Zyl holds an MSc in Zoology from UCT and is a trained project manager with 19 years of experience in the oil and gas industry in sub-Saharan Africa. He is an experienced field ornithologist and has co-authored several peer reviewed papers on birds and in particular birds of prey.

AVISENSE Africa collaborates closely with Inkululeko Wildlife Services, BirdLife South Africa and the Endangered Wildlife Trust.

Why use AVISENSE Africa?

AVISENSE Africa boasts one of the most expert and experienced team of specialist ornithologists currently doing impact assessment work in Africa. We combine knowledge and insight gleaned from years of fieldwork, with a strong background in academic research and young, smart, keen eyed and energetic observers. With these attributes, we offer prospective clients supreme levels of service, in which comprehensive and accurate avifaunal data are collected, analysed and presented in concise, readable but thorough reports that speak directly to the requirements of the job. *AVISENSE* offers the best possible combination of credibility, thoroughness and efficiency, ensuring that our clients are fully protected from the potential costs and reputational damage associated with environmentally harmful developments.

Commercial services include

- Input to all stages of environmental impact and management studies, detailing the birdlife present within and around a development area, focussing on rare and/or threatened bird populations, and detailing best management practices and mitigate options.
- Design and expert supervision of long-term monitoring studies of bird populations and development impacts, and providing sustainable solutions to points of conflict.

With particular expertise in

- The interface between birds and energy development, with emphasis on the biology of avian collisions with power infrastructure (especially power lines, wind turbines and solar installations).
- Early detection and mitigation of avifaunal impacts, particularly at the Strategic Assessment and pre-feasibility stages of the development schedule.
- With our strong background in the scientific research of raptor and avian collision ecology, we are uniquely placed to provide highly specialised services such as ground-based or aerial surveys of cliff-nesting raptor communities, and - hi-tech GPS telemetry or radar tracking of mobile species to inform collision risk studies.

Most notable projects include

- Primary authorship of the BLSA / EWT Best Practice Guidelines for assessing and monitoring avian impacts at both wind and solar energy developments in South Africa.
- Primary author of the avian components of Phases 1 and 2 of the national Strategic Environmental Assessment for wind and solar PV energy development in South Africa.
- Surveying cliff- and tree-nesting raptors potentially affected by proposed wind energy development in both the central Karoo and the Eastern Cape and using the results to draw up sensitivity or impact risk maps intended to guide and ensure sustainable development.
- Critical pre-construction survey and monitoring of vulture and other threatened bird populations in relation to an IFC supported wind farm development proposal near Nairobi, Kenya.
- Avian impact study for Phase 2 of the Lesotho Highlands Water Scheme in the Mokhotlong area of Lesotho.

Recently completed or ongoing projects include

- Baseline survey work and supervision of a bird impact study for a proposed power line in south-western Tanzania.
- Pre-screening and baseline bird studies for a proposed wind farm development in northern Malawi.
- Pre-screening bird studies for proposed wind farms in the Free State (2), Western Cape (2) and Eastern Cape (3) Provinces, South Africa.
- Peer reviews of bird studies informing EIAs for proposed wind energy developments in the Eastern Cape Province (2).

Contact

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For further information please visit our website: <http://www.avisense.co.za/>

