



Afzelia
ENVIRONMENTAL CONSULTANTS

CURRICULUM VITAE

MS LISA GUASTELLA

BSc (Geography) , Bsc (Hons) Atmospheric Science

Msc Oceanography, Pr.Sci.Nat - UCT

Environmental Consultant, Meteorologist & Air Quality Consultant

Since graduating from the University of Cape Town, Lisa has practised as an environmental consultant, specialist meteorologist and air quality consultant for approximately 20 years, during which time she has maintained air quality and meteorological instrumentation, performed data quality control and reported on air quality for South Durban, Richards Bay and Coega. She has been involved in the siting and installation of meteorological and air monitoring equipment and has reported on a number of dust monitoring projects for various mines in South Africa and has conducted specific air quality specialist assessments. Lisa was part of an international team involved in the compilation of a South African Air Quality Management Plan manual for the Department of Environmental Affairs. Included in this project was the authorship of a specific case study on the air quality of South Durban.



Lisa has also worked on the National Marine Linefish System recreational fisheries database and authored a Policy for Small Craft Launch Sites in KwaZulu-Natal on behalf of the (then) Natal Town and Regional Planning Commission, as well as an assessment of launch site criteria relevant to KZN launch sites prior to the promulgation of the off-road vehicle (ORV) regulations in 2002. She has since undertaken launch site applications and license renewals and compiled emergency response plans for eThekweni Municipality launch sites, the latter of which has been applied as a template for other KZN launch sites. Lisa was also part of a specialist team that provided management advice to the Greater St Lucia Wetland Park (GSLWP) Authority (now iSimangaliso Wetland Park) on recreational use areas (RUAs), boat launching and vehicle use, taking into consideration the inshore and offshore fisheries and sedimentological damage by 4x4's to beaches and dunes. She has also co-authored a number of scientific papers on beach change through the analysis of wave records and webcam imagery.

Lisa has conducted a number of EIAs and EMPs, as well as ECO work, which she enjoys as it is hands-on and is a practical means to ensure environmental compliance from initiation to completion, whilst sharing with contractors the value of the environment. More recently, Lisa worked in the Climate Change department of the eThekweni Municipality where she was involved in a number of project initiatives and scientific advice, including

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the importance of ecological infrastructure to river health, a reforestation programme and endangered Sandstone Sourveld research programme. Lisa is currently writing up her PhD in Oceanography.

Lisa is a member of the KwaZulu- Natal branch of the International Association for Impact Assessment (IAIA), and registered as a Professional Natural Scientist with the South African Council for Natural Scientific Professions (SACNSP).