

KEVIN JOHN WHITTINGTON-JONES (Ph.D)

Date of Birth: 17-01-1972

QUALIFICATIONS

Post Graduate Diploma in Higher Education (Rhodes University), PhD Biotechnology (Rhodes University), M.Sc Zoology (Rhodes University), B.Sc Hons. Marine Biology with distinction (Rhodes University), B.Sc Microbiology & Zoology (Rhodes University)

MEMBERSHIP

- Institute of Environmental Management & Assessment (IEMA) (No. 0014994)
- The Water Institute of Southern Africa (WISA) (No. 22295)
- The International Water Association (IWA), London, UK
- The Institute of Waste Management of South Africa (IWMSA) (No. 40105035)
- South African Council for Natural Scientific Professions (Environmental Scientist: No. 400027/07)

PROFESSIONAL EXPERIENCE

March 2009 – Present: Consulting Director (Coastal & Environmental Services)

January 2006 – February 2009: Principal Environmental Consultant (Coastal & Environmental Services)

January 2007 – February 2009: Senior Lecturer & Coordinator of the MBA Environmental Management Elective Programme (Rhodes Investec Business School)

January 2004 – December 2006: Senior Lecturer (Department of Environmental Science, Rhodes University) & Coordinator of the MBA Environmental Management Elective Programme (Rhodes Investec Business School). Acting Head of Department from August – December 2006

January 2002 – January 2004: Lecturer in Biotechnology (Dept. Biochemistry, Microbiology & Biotechnology, Rhodes University, Grahamstown). Duties included development and coordination of the Environmental Biotechnology Masters Degree Course and a 3-week short course in Industrial Environmental Management. I was Acting Head of Department (Biotechnology) from May – December 2003.

2001: Research Assistant and course coordinator for Environmental Biotechnology MSc Programme (Dept. Biochemistry, Microbiology & Biotechnology, Rhodes University).

2000 – 2001:Accounts Assistant, Skandia Life, Southampton, UK. My primary duty during this period was to investigate the financial implications of new UK carbon tax legislation.

CONSULTING EXPERIENCE

Environmental consulting experience as project manager or team member is broad and covers a number of key areas. Specific experience includes the following:

Environmental Impact Assessment and pre-feasibility assessments

- Environmental assessment of the impact of the breach of a slimes settling pond for a corporate client
- EIA for Waainek wind energy facility outside Grahamstown (Eastern Cape)
- EIA for 1 million m³ per year sugarcane-to-ethanol biofuel development (Chemba, Mozambique)
- Scoping study for one large wind farm near Cookhouse (Eastern Cape)
- Environmental pre-feasibility assessment for 14 wind farms in the Western Cape, South Africa
- Basic Environmental Assessment for a 3MW wood to energy project near Grahamstown (Eastern Cape)
- Basic Environmental Assessments for wind measurement masts and cattle feedlot
- EIA for the proposed Exxaro AlloyStream and Kalagadi manganese smelters in the Coega IDZ
- Environmental Impact Assessment of the proposed regional hazardous waste site (Port Elizabeth, Eastern Cape)
- Environmental Scoping study and EMPR amendment for proposed salt mining and beneficiation plant (Coega IDZ, Eastern Cape)
- Scoping-level environmental assessment for a stainless steel strip mill (Coega IDZ, Eastern Cape)

Strategic Environmental Assessment

- Scoping-level Strategic Environmental Assessment (SEA) for the Port of Mossel Bay as well as contributions to the SEAs for the Ports of Port Elizabeth and East London

Climate change

- Climate change adaptation and mitigation policy for the Eastern Cape Province, South Africa (ongoing)
- Preliminary carbon footprint assessment for Kenmare Moma Heavy Mineral Sands Mine, Mozambique
- Climate change risk assessment for the South African Ports (TNPA)

Waste Management

- Waste management specialist studies for international heavy mineral mining, projects (Egypt and Madagascar), the Exxaro and Kalagadi manganese smelters (South Africa), a Rabai power station (Kenya) and two bio-ethanol projects (Sierra Leone and Mozambique)
- Integrated Waste Management Plan for the Port of Mossel Bay
- Development of strategies and biological systems for the treatment and beneficiation of domestic grey water within the Scenery Park low-cost “eco-village” (Buffalo City, Eastern Cape)

Environmental Due Diligence and Business Risk

- Environmental and social due diligence assessment for a pulp mill and forest plantation on behalf of the German Development Bank (DEG)

- Environmental risk assessment of alternative bunkering modes for the Port of Port Elizabeth (PE, Eastern Cape)
- Environmental risk assessment for private developer on the west coast, South Africa
- Environmental liability assessment for the Port of Durban
- Environmental due diligence (Phase 1 and 2) assessment for Zones 5 and 6 of the Coega Industrial Development Zone
- Phase 1 and 2 contaminated land assessments for a private manufacturer and one parastatal organization

Policy and Guidelines

- Development of a municipal sanitation policy for Buffalo City Municipality
- Development of EIA guidelines for the Roundtable on Sustainable Biofuels

Environmental Auditing and compliance

- Project management of the environmental component of the Completion Test for Kenmare heavy mineral mining project, Mozambique.
- IFC Performance Standards deviation assessment for Kenmare heavy mineral mining project, Mozambique
- Environmental audit for mechanical sugarcane harvesting operation, Swaziland
- Development, implementation and auditing of industry-specific environmental management system for brick manufacturing companies in the Eastern cape, South Africa
- Internal ISO 14001 audits at SAB Ibhayi Brewery (Port Elizabeth, Eastern Cape)
- Trainee Auditor: Certification audit of car component manufacturer

RESEARCH & TEACHING EXPERIENCE

I have successfully supervised 3 PhD, 6 research and 15 coursework MSc / MBA students. Research has been published in peer-reviewed journals and presented at conferences. A full list of publications is available upon request. Areas of research include environmental biotechnology, integrated waste management and environmental management in business. From 2001 – 2003 I was responsible for coordinating the Environmental biotechnology MSc programme (Department of Biotechnology, Rhodes University) where I taught bioremediation. I have also taught environmental management and integrated pollution & waste management at the undergraduate and Honours level for the Department of Environmental Science (2004 – present) and have taught extensively on the Rhodes University MBA programme (2004 – present). Subjects taught at the MBA level include business and sustainable development, environmental risk assessment, technology assessment, life cycle assessment and climate change risk.