



RITCHIE MORRIS BRIEF CURRICULUM VITAE

Ritchie holds a BSc Honours degree obtained in 1986 from Rhodes University where he studied geology and geography. He also has a Diploma in Business Management. He is registered as a Professional Natural Scientist (86/90 - SACNASP), as a Professional Environmental Scientist (SAIE&ES) and as an Environmental Assessment Practitioner (EAPSA). Ritchie has over 25 years working experience, having started his career with Steffen Robertson & Kirsten (SRK) in 1987, whereafter, in 1999 he set up MEGA as a specialist environmental service company. He now specialises in soil and groundwater contamination assessment, remediation and monitoring; groundwater resource evaluation, development and management; environmental risk assessment; environmental auditing and environmental management for natural areas, specializing in estuaries and the coastal zone. Ritchie is affiliated to several professional societies and associations, namely: the International Association of Hydrogeologists (IAH), the Geological Society of SA (Groundwater Div.), the SA Institute of Ecologists and Environmental Scientists, the Institute of Waste Management of SA and the International Association of Impact Assessment (SA). He has presented many papers at both national and international conferences covering topics such as:

- Development and management of Coastal Aquifers.
- The development of groundwater resources in the Ciskei – a former homeland area of the eastern Cape.
- Subsurface contamination related to the metal plating industry.
- Hazard Ranking: a planning tool to limit environmental liabilities and manage risks.
- The effect of DNAPLS on landfill clay liners.
- Assessment of nitroglycerine waste water soakaways.
- Protection of groundwater resources.
- Development of water pollution abatement plans for urban catchments using the Environmental Hazard Ranking (EHR) approach
- Guidelines for Development and Recreational Use of Estuarine Areas.
- Environmental assessment and clean-up at used oil handling facilities.
- Closure and re-development of large industrial sites.

Ritchie has attended courses covering Treatment Technologies for Contaminated Soil and Groundwater – Atlanta USA (1995) and, at the invite of Shell South Africa, Ritchie attended a three day training course run by Shell Thornton (UK) on the Risk Based Corrective Action (RBCA) model (1996). In 1996 Ritchie visited the Borden Research site at Alliston (Canada), hosted by Waterloo University. He was a guest lecturer to the MSc Geochemistry course at the University of Cape Town, Geological Sciences and provided part-time lecturing at the Cape Technikon giving the module on Environmental Risk Assessment. He also presented a short course on Phase II and III Environmental Due Diligence Auditing at the International Association of Impact Assessment (SA Chapter) Conference in Worcester, South Africa, Sept. 2000. Ritchie has given several technical presentations to local government groups on topics relating to contamination, environmental risk assessment and environmental hazard ranking. **Award nomination:** MEGA was nominated by Daimler Chrysler International (Sindelfingen, Germany) for a Daimler International Environmental Recognition award for work undertaken at the Daimler Chrysler SA East London factory. Ritchie's interests include fly fishing, photography, walking the beach and small-scale farming – fruit, wine grapes and fish. He lives in Hout Bay, outside Cape Town, and has a small farm in the southern Cape.