

Dr Miles Dracup – *Curriculum vitae*

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Qualifications

- Doctor of Philosophy (Plant Science) - University of WA, 1988
- Bachelor of Environmental Impact Assessment - Murdoch University, 2001
- Bachelor of Agricultural Science (1st Class Hons) - University of WA, 1982
- Bachelor of Science (Botany) - University of WA, 1981

Professional Affiliations

- Exemplar Global-Accredited Lead Environmental Auditor (No121614)
- Water Corporation-endorsed Waterwise Water Auditor
- Member, WA Environmental Consultants Association (Environmental Auditing and Environmental Management Systems specialist).

Fields of Special Competence

- Environmental and water management systems, plans, processes and documentation
- Compliance and risk inspection, auditing, investigation and reporting
- Research and information analysis, interpretation and review
- Technical – agriculture, environment, water, soil and crop management

Personal Style

- Diligent, reliable, professional, flexible, pragmatic
- Authentic, approachable, friendly, ethical
- Analytical, strategic, problem solver
- Team player / leader and supporter / contributor

Experience Summary

Miles has over 25 years' professional experience in the environment, agriculture and water sectors within government, industry and consulting. He has worked with large businesses (e.g. BHP Billiton Iron Ore, Wesfarmers (CSBP), Perth Airport, Mermaid Marine, Water Corporation), medium and small businesses (e.g. Australian Mineral Fertilisers/GrowSafe, C-Wise, DM Civil, Patrick Stevedoring) and local and state governments (e.g. Melville, Canning, Cottesloe, Mandurah, Cambridge, Kwinana and Joondalup, Department of Agriculture, Public Transport Authority).

Miles' specialist knowledge includes agriculture, environment and water management systems, auditing and research. He has undertaken many roles in environmental risks (including climate, soil, water, crops, and environmental stresses) and environmental management (systems, biodiversity and greenhouse emissions).

Miles has authored numerous scientific papers including books and book chapters, and won several academic and industry prizes and awards. He has also held board / management committee positions for a number of NGOs, the Centre for Excellence in Ecohydrology (University of WA), and WA Chamber of Commerce Committees for Environment and Climate Change. He is currently Secretary and Board member of Living Smart.

Career Record

July 2014- Present: Environment Agriculture Water Consulting (Principal, independent)

- *Management Systems and Plans* development and documentation – environment, quality and agricultural production process assurance.
- *Auditing* – management systems and plans, water efficiency, compliance.
- *Risk* and compliance assessment, reporting, investigation.
- Sectors – waste recycling, agriculture, utilities, construction, local government.

April 2013-June 2014: KASA Consulting (Principal Consultant – Water and Environment).

- Development of Water Division.
- *Auditing* – environment, quality, safety, water; management plans; compliance.
- *Management Plans* development and documentation – environment, drinking water quality, stormwater.
- Sectors – civil construction, local government, processing, logistics, transport.

2005 - 2013: Water Corporation (Manager, Environmental Strategy and Policy).

- Development, implementation, certification and maintenance of Corporate ISO 14001-certified statewide Environmental Management System (EMS).
- Environmental governance, auditing and risk management.
- Environment Branch, Section and Team leadership/management, stakeholder relationships management (internal and external), contract and consultant management.
- Development of corporate strategies for greenhouse gas emissions and biodiversity management.
- Water Corporation representation – Chamber of Commerce and Industry Environment and Climate Change Committees; Board, Centre for Excellence in Ecohydrology (University of WA).

1988 - 2005: Department of Agriculture (Research Officer through to Sub-Program Leader)

- Environmental Risk Sub-Program leader, overseeing climate risk management, soil management and precision agriculture.
- Planning committees for national CRC bids involving application of satellite imagery, grain quality improvement, and management of climate variability.
- Development of an Environmental Management System framework for farmers.
- Research management, including funding and scope negotiation, client relationships, direct management of > 20 projects.
- Supervised 9 honours and 2 PhD students, authored >100 research publications, including a book and several book chapters, and >40 national and international conference and workshop presentations, member of the editorial advisory committee for *Biologist*.
- Organised a cross-institution senior management 'think-tank' on a sustainable future for the WA grainbelt.
- Undertook and led research teams on crop improvement, soil management, agronomy and responses to environmental stresses.
- Led the first statewide 'Dry Season' Response Taskforce in 2000/01, including Cabinet, Minister and Executive status reporting; supporting the Ministerial Advisory Committee; and coordinating of bids for emergency aid funding and delivering information and support to the rural community.