



DR MILES DRACUP

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64 George St, East Fremantle, Western Australia, AUSTRALIA 6158

Specialties

- Environment, water, soil, and crop management
- Audit, inspection, investigation and reporting
- Management and verification systems and plans
- Compliance and risk management, approvals
- Strategic research and review, data interpretation
- Water efficiency

EXPERIENCE and WORK HISTORY

July 2014 – present. **Principal**, EAW Consulting – independent consultant

Key sectors: local and state government, agriculture, water, waste. Focus: supporting businesses with sustainability, regulatory, verification and governance needs.

Category winner - Sustainability, Fremantle Business Awards, 2020.

April 2013- June 2014. **Principal Consultant**, KASA Consulting. Key sectors: civil, processing, manufacturing, local government, water.

July 2005-April 2013. **Manager Environmental Strategy and Policy**, Water Corporation. Developed Corporation's ISO 14001 certified environmental management system, and corporate strategies for greenhouse gas and biodiversity management, internal audits and oversight of environmental risks and governance.

April 1988-July 2005. **Research Officer through to Sub-Program Leader**, WA Department of Agriculture. Oversight of research teams for climate risk management, soil management, precision agriculture, lupin improvement and agronomy. Managed State Dry Season Response Taskforce, and senior officers' 'think tank' for grain-belt sustainability. Over 100 publications including a book, book chapters and reviews.

FORMAL EDUCATION and ACADEMIC AWARDS

PhD (Plant science) April 1989, The University of Western Australia. Salt tolerance.

Commonwealth Postgraduate Research Award, University Research Studentship, University of WA

Postdoctoral Charles and Annie Neumann Fellowship, CSIRO Postdoctoral Research Fellowship, Mary Janet Lindsay of Yanchep Memorial Award.

Bachelor Environmental Impact Assessment, January 2001, Murdoch University.

Vice Chancellor's Commendation for Academic Excellence.

Bachelor of Agriculture Science (1st Class Honours), April 1982, The University of Western Australia.

Alexander Juett Fellowship, Eva Sobotka Prize, WH Vincent Prize, Henry Seeligson Prize in Agriculture, Convocation Prize.

Bachelor of Science (Botany), April 1981, The University of Western Australia.

Certificate in Management Essentials, November 2008, Curtin University, Graduate School of Business

Advanced Diploma In Management, March 2002 -2005, Australian Institute Of Management / The University Of Western Australia

ACCREDITATIONS AND AFFILIATIONS

- Exemplar Global Accredited Lead Environmental Auditor
- Water Corporation Endorsed Waterwise Water Auditor
- Member, WA Environmental Consultants Association (Audit and Management Systems specialist)

RECENT RELEVANT WORK ACTIVITIES

Thirty years' experience in environment, agriculture and water management; within government, industry and consulting (to large, medium and small businesses, and local and state governments). Examples of some recent consultancies:

Surface water and riparian vegetation management (Hancock Agriculture, 2019-present): Monitoring, advice and regulatory reporting on surface water abstraction for pivot irrigation in the Kimberly.

Native vegetation clearing audits (Water Corporation, Main Roads WA, 2017, 2019, 2021): Audits of clearing projects against purpose permits issued under the *Environmental Protection Act*.

Farm management (Australian Mineral Fertilisers, 2014-2015): Development of Grow Safe Manual and Standard.

Environmental Management System (C-Wise, 2014-2016): Development of business EMS, internal auditing, incident and process control investigations, risk and compliance management.

Environmental Management System (Main Roads, 2018): Audit / gap analysis of corporate EMS.

Environment, greenhouse gas and biodiversity management (Water Corporation, 2005-2013): Development, ISO 14001 certification and implementation of EMS, internal auditing and environmental governance, monitoring and reporting. Strategies for managing greenhouse gas and biodiversity.

Environmental management (Public Transport Authority 2020): Development of management plans and procedures for land management for Metro Net.

Water efficiency (Water Corporation and various local governments, 2014-present): Auditing major Water Corporation customers and local government facilities and development of action plans.

Sustainability (Whiteman Park, 2020; Rottnest Island Channel Swim, 2019; Brightwater Group, 2020; University of WA (water management), 2020): Development of sustainability strategies.

VOLUNTEER AND REPRESENTATIVE ROLES

- **Town of East Fremantle Climate Action Community Reference Group** (2020-present). Development of local climate change mitigation and adaptation strategy and actions and advice to council. **[Current]**, also, **Coastal Hazards Risks Management Reference Group** (2022-present) **[Current]**
- Board of Management and Secretary, Be Living Smart** (Sept 2014-2019)
Independent, non-profit incorporated organization overseeing governance of Be Living Smart, which facilitates development of practical skills in sustainable living.
- Advisory Board Member, Centre of Excellence for Ecohydrology** (Nov 2011-April 2013). University WA. Improving management of water resources and nutrients in agriculture and associated ecosystems
- Working Groups for Environment & Climate Change** (variously, 2006-2013), WA Chamber of Commerce and Industry. Water Corporation representative / proxy representative.
- Greenhouse Inter-Department Committee** (2005), Department of Premier and Cabinet (Water Corporation Representative). Provide representative advice on adaptation and mitigation.
- President, University of WA Triathlon Club** (2007-2010). Dual Australian age group triathlon representative. *University of WA Club Letter* (2009) for services to the club and sporting achievements.
- Board Member, Triathlon WA** (2007-2010). Representative of University of WA Triathlon Club.
- Board of Management Member, Sustainable Transport Coalition** (2002-2004).
- Management Committee Member, Bicycle Transportation Alliance** (2001-2004).
- Inaugural Convenor, Subiaco Bicycle Users Group** (~2000-2003).
- President / Treasurer, University of WA Cycle Touring Club** (~1980-1982).
- Treasurer, Fireball Sailing Association of WA** (1981-1983).