

AREAS OF EXPERTISE

- Biocarbon Project Development
- Biocarbon aggregation
- Strategic Planning
- Biodiversity Conservation
- Multi-Award-winning science writer & communicator
- Tourism/Ecotourism planning, management and operations
- Environmental Problem Analysis
- Ecological Studies
- Resource Studies
- Flora & Fauna
- Land Management Planning
- Project Management
- Tourism and land management with Aboriginal communities in central, northern and western Australian regions

EDUCATION

- **Bachelor of Science**, Macquarie University, Biology
- **Master of Environmental Studies**, Macquarie University, Geography Catchment Conservation of Wild Rivers

PROFESSIONAL HISTORY

- Manager Degree Celsius JV
- EcOz – Managing Director, Principal Environmental Scientist, 1990 – present
- Director, SmartUse Environmental Certification
- Inspector & Authorised Person, *Environment Protection Act 1986 (WA) (CI) (CKI)*
- Discovery Ecotours, Director, 1987 - 2000
- Independent consultant and science writer 1981-1990.
- Board Member Northern Territory Research and Innovation Board, current.

AWARDS:

Whitley Award in Science Literature 2007

Qld Premier Book Prize, non-

PROFILE

Manager of Degree Celsius JV between BIOCARBON, and regional NRM body Terrain. Degree Celsius is a regional carbon pooling initiative which pools and brokers bio-carbon from NRM activities.

General Manager EcOz Environmental Services (2006-2008) with extensive experience in Northern, Central, Western and South-eastern Australia, including arid, semi-arid, coastal and tropical environments. International experience in ecotourism and biodiversity conservation.

Director EcOz Environmental Services (1990-2006).

Environmental consultant, since 1981, researching and reporting on resource inventory, natural area management, ecological, ecotourism, environmental planning and landuse capability studies, environmental impact assessment and recreational planning. Responsible for strategic planning, business planning, quality control, legislation, systems, financial management, project supervision and development, research, operations and client liaison.

Ecotourism consultant specialising in environmental policy, research on sustainable tourism management, integration of wildlife experiences, ecological research and traditional culture.

Managing Director, Discovery Ecotours from 1987-2000.

Author of popular science and non-fiction books including

The Discovery of the Hobbit: The Scientific Breakthrough that Changed the Face of Human History – Mike Moorwood & Penny van Oosterzee – 2007 by Random House.

Dragon Bones: The Story of Peking Man – A story of the search for the roots of humanity set against the Chinese civil war. Allen & Unwin 1999.

Where worlds collide: The Wallace Line - The first definitive book on the biogeography and natural and cultural history of the Wallace Line concept, updating the original theories by Sir Alfred Russell Wallace. *Commissioned by: Reed Books* 1997. **Eureka '97; Whitley '97**

A Field Guide to Central Australia: A definitive guide to the natural and cultural values of central Australia, complementing *The Centre: The natural history of Australia's Arid regions*. *Commissioned by: Reed Books*, 1995

The Centre: The Natural History of Australia's Desert Regions *Reed Books* **Eureka '91**,

Exploring Nature in the Deserts. The Young Naturalist Series. Australian Museum / Reed Books, Sydney. **Whitley 1991**

Governor WWF, Northern Australia, current.

Board Member Northern Territory Research and Innovation Board. 2004-2007.

Adjunct Fellow. Key Centre of Wildlife Research, Charles Darwin University. Current

Honorary Associate, Department of Biological Sciences, Macquarie University. Current

Associate Centre International Forestry Research (CIFOR). Current

BioDiversity Advisory Committee (BDAC) Member; National BDAC committee; adviser to Federal Minister for Environment; 1996-2000.

Environmental & Management Projects:

fiction, shortlisted 2007

John Mulvaney Award for Archaeology. 2007

Eureka Science Book Prize, 1997
Where Worlds Collide: The Wallace Line

Whitley Award for Best Historical Zoology, 1997 *Where Worlds Collide: The Wallace Line*

Inaugural Eureka Science Book Prize (Sep 91) *The Centre*

Whitley Awards in Australian Zoological Literature 1991

Royal Australian Planning Institute Award - Australian Desert Wildlife Park design and concept
Occasional Special Award of Merit 1995

Australian Institute of Landscape Architects Planning Award of Merit Australian Desert Wildlife Park design and concept 1995

Australian Institute of Management 1995 Northern Territory Manager of the Year. Finalist with Special Commendation

Brolga Award for Environmental Tourism 1992 & 1993 & 1998

Travel & Leisure Mark of Innovation Award International Finalist 1992

Australian Tourism Award for Excellence Environmental Tourism 1993

Banksia Environmental Awards, Finalist, EcoTourism Category 1996

PROFESSIONAL AFFILIATIONS

Australian Society of Authors

Ecological Society of Australia - formerly Overseas Correspondent for the Bulletin

Society for Conservation Biology

LANGUAGES

Bahasa Indonesia - Intermediate
Basic Dutch

EIS Telstra OFC Jabiru-Rikurdji. Client: Telstra Corporation, 2007

Rehabilitation Uranium mines, southern Kakadu NP. Client: Parks Australia North, 2006

EIS Bonaparte Gas Pipeline. Client: Australian Pipeline Trust, 2007

Clearances for many telecommunications facilities, Northern Territory & South Australia. Client: Telstra Corporation Ltd 2000-2006, ongoing.

North Queensland Tropical Birding Trails Feasibility Study - by EcoZ, Charles Darwin Uni, CRC Sustainable Tourism, for Townsville Enterprise Ltd./FNQBTB Committee 2005-06.

Property Management Plan Proposal Yugul Mangi Women Rangers, Ngukurr NT, Indigenous Coordination Council 2005.

Environmental Impact Assessment Murdudjurl Safari Camp, Kakadu – Research, field assessment, report etc – Murdudjurl 2005 – Project Director

Operational EMP Darwin Fuel Terminals – Peer review, project management - Vopak Terminals Ltd 2005 – Project Director

Construction EMP Darwin Biodiesel Plant – Peer review, project management - Natural Fuel 2005-6 – Project Director

Construction EMP – Pt Ceylon Aquaculture Estates – Project work, project management, peer review – Suntay Aquaculture PL 2005 – Project Director

Environmental Impact Study (EIS) Trans Territory Pipeline Gas Project, Woodside & Alcan 2002-2005 – Project Director

Environmental Impact Study (EIS) Blacktip Gas Project, Woodside Energy Ltd 2002-2005 – Project Director

Darwin Biodiesel Plant Public Environment Report (PER) Natural Fuel Ltd. 2004-5 – Project Director

ESMP Environmental Sustainability Management Plan for Mt Bunday Training Area, Phase 1 Environmental Review Defence/Parsons Brinckerhoff 2003 – Project Director

A concept plan for the establishment of a boardwalk near Banjo Swamp, Milikapiti, Melville Island, Tiwi Island Landcare Group, 2003 – Project Director

Wangamaty (Lower Daly River) Management Plan, Wangamaty LandCare Group Pty Ltd 2003

Environmental Constraints Assessment Pipeline in Northern Territory for offshore gas. Woodside Energy Ltd 2002 – Project Director

Asia Pacific Space Centre, Christmas Island Indian Ocean Develop and establish standards for Health, Safety, Dangerous Goods, Environment – Project Director. Dept Transport & Regional Services current.

Preparation of nominations of Wetland Sites to the Register of the National Estate. Northern Territory and Western Australia. A National Estates Grants Program project “Australian Wetlands Conservation Project”. WWF 1997. for World Wide Fund for Nature Australia

Post-Exercise Monitoring Exercise Leopard Rage Mt Bunday Training Area Northern Territory, Australia, prepared by Ecoz Australia, September 1996, for Department of Defence, Darwin Logistic Battalion

Vesteys Beach Coastal Walk - Research natural history & geology for Ecosystems (for Transport and Works), 1996.

Vertebrate Pests in Australia. Preece N. & van Oosterzee P. Comprehensive research report on contemporary vertebrate pest

management and control in Australia. For Bureau of Resource Sciences.

Research the Stuart Highway: A comprehensive research project for the Heritage Trail Concept on the natural history and traditional culture of the Stuart Highway from Darwin to Kulgera; integration with modern history; 1996. *Client: NT Dept Transport & Works*

Natural heritage of the Victoria River Region. Report to Greening Australia & the Environment Centre NT. Funded by Australian Heritage Commission. (1994).

Uluru (Ayers Rock-Mt Olga) National Park: Review of Vegetation Mapping. Report to Australian National Parks & Wildlife (1992).

Report on Vegetation and Mammal Survey of Watarrka National Park for the Bilby Macrotis lagotis Reintroduction Program. Report to Conservation Commission NT (1991).

Investigation Report, the Yallah Bush, internal report to N.S.W. N.P.W.S. (1982)

Planning & Analysis:

Agro-Forestry Multi-species Plantation Feasibility Study for Peron Islands Enterprise Aboriginal Corporation, 2002-2003.

Indigenous Protected Area Management Plan for Lake Gregory, northern Great Sandy Desert – headed a team to prepare plan of management for Walmajarri Traditional Owners of Lake Gregory and Billiluna Pastoral Leases. Lake Gregory is an area of international significance.

Northern Australia Forum, Katherine. Invited session convenor and rapporteur on contract. *Dept of Territories, 2000*.

Mimbi Caves Conservation and Tourism Plan – headed team to develop plan for aboriginal Gooniyandi traditional owners for Mimbi Caves, an area of national significance.

Earth Alive National Tourism Summit – instigated and managed a ground-breaking summit of tourism industry leaders to incorporate biodiversity conservation within an Agenda 21 framework as a core and corporate concern of the industry at national, state and regional levels.

National Wilderness Inventory Data Verification, Northern Territory North and South – analysis and verification of wilderness boundaries in the Northern Territory and discussion of issues surrounding the concept of Wilderness. Environment Australia, Wilderness and Wild Rivers Section, 1999.

Two Way Track – Tourism and Biodiversity Conservation. Plenary speaker at the international Biotechnology, Biobusiness and Biodiversity conference, Perth Nov. 1998.

Indigenous Tourism in Australia - Critical review of reports, strategies, policies & research relating to Indigenous Tourism in Australia. Centre for Indigenous Natural & Cultural Resource Management, 1998.

Territory Wildlife Park: Concept and Master Plan for redevelopment of the park - concept, themes, layout, content; with Hassell Landscape Architects, and Jon Coe & Associates. Parks & Wildlife Commission NT, 1998.

Business Market Potential CRC for the Sustainable Development of Tropical Savannas. A study for the CRC in conjunction with Desliens Business Consultants, 1997.

Environmental Baseline and Tourism Indicators, Christmas Island, Indian Ocean, Report to Australian Nature Conservation Agency, Darwin 1996.

The future of tourism and value of scientific work at Kapalga Research Station, Kakadu National Park. Australian Nature Conservation Agency.

27pp + app. December 1994.

Australian Desert Wildlife Park and Botanic Gardens: Concept development: Research, analysis and documentation of major themes and messages, tourism potential and development, and overview of the project. *Northern Territory Government 1994*

Coolibah Swamp Draft Plan of Management. Greening Australia NT, Alice Springs 1993.

Science Communication:

Northern Territory Drive Strategy: Provide information folios for natural history for highway inns for the Stuart Highway; 1996. *Client: NT Tourist Commission*

Darwin: The Wild Side. van Oosterzee P. & Preece N., Book on Natural History of the Darwin region; commissioned by *Conservation Commission NT*. Due for publication 1998.

The Natural Heritage Values of the Victoria River District. The development of an objective, regional approach to the assessment of natural National Estate Values of the Victoria River District. *Client: Environment Centre of N.T.*

Travellers' Guides for the Northern Territory: project involved concept initiation and development, design, research, text and production management of these innovative guides:

- Alice Springs to Uluru (Ayers Rock)
- Darwin to Kakadu and Pine Creek
- series of 5 Strip Maps from Adelaide to Darwin. *Client: Tourist Commissions NT & SA*

ABC Radio National's Science Show. Writer and presenter of a range of interesting scripts including *Fossil Rivers, Lizards, Rabbits, Archaeology in the Arid Zone, Wild Camel Research, Extinctions in Australia's Arid Zone*, and *Australian Palaeontology's new discoveries 1991*. *Client: ABC Science Unit*

ABC Radio National's Earthworm. Writer and presenter of comprehensive reports including *Endangered Species in the Arid Zone, Pastoralism, Feral Horses, Mining in National Parks, the Bicentennial Ecological Conference, the Tree Weed Athel Pine*, and *Australian Ants*. *Client: ABC Science Unit*

Science and Environment: weekly broadcast for the ABC National Supplement Unit and for ABC Regional Radio, Alice Springs. *Client: ABC Regional Radio*

Central Australia's Natural world: Researched and co-directed two documentaries for Channel 9, Perth, *Client: Channel 9, Perth*.

Tourism & ecotourism

Heritage Guidelines for Tour Operators. Develop guidelines for the tourism industry for best practice at Heritage sites (Aboriginal, Natural and Historic). Australian Heritage Commission, current.

Established and operated Discovery Ecotours since 1987, winning multiple awards for tourism. Developed Ecotourism strategy for Eastern Indonesia for DARTI and for Indonesian Government.

Environment and Tourism: Two Way Track. World-wide critical analysis of the two-way dependence of environment and tourism. *Pacific Conservation Biology (in press)*.

Indigenous Tourism. Presentation to the Wise Use of Wetlands: Indigenous Use Workshop. Batchelor, N.T. NTU Oct. 1998.

Tourism Incentives for Conservation of Biodiversity, Northern Australia. *Client: CSIRO 1996*.

Two Way Track: Biodiversity and Ecotourism. *Client CSIRO and Commonwealth Dept of Environment, Sports and Territories*.

PUBLICATIONS

Other Qualifications

Pitjantjatjara Cross-Cultural Course, 1987

PADI Open Water Diver

St John's Advanced First Aid.

- Also see popular books at Introduction of this CV, not repeated in this list.
- Moore, S., van Oosterzee, P. and Lennon, J. (2001). *Successful Tourism at Heritage Places: a guide for tourism operators heritage managers and communities*. Australian Heritage Commission and the CRC for Sustainable Tourism.
- van Oosterzee, P and Garnett Stephen (in press). Seeing REDD in Northern Australia.
- van Oosterzee (2000). Ecotourism and biodiversity conservation – two way track. *Pacific Conservation Biology* 6:2 89-93
- Pitcher, M., van Oosterzee, P. and Palmer, L (1999). *Choice and Control: The Development of Indigenous Tourism in Australia*. CINCRM and CRC Sustainable Tourism.
- van Oosterzee, P (1999). Indigenous Participation in Tourism in Whitehead, P., Storrs M., McKaige M., Kennett R. and Douglas M. (eds) *Wise Use of Wetlands in Northern Australia: Indigenous Use*, Proceedings of a Workshop held at Batchelor college, Batchelor, Northern Territory, 29-30 September and 1 October 1998. Centre for Tropical Wetlands Management & Centre for Indigenous Natural and Cultural Resource Management, Northern Territory University, Darwin.
- van Oosterzee, P. and Preece, N. (1998). Ecotourism in communicating ecology in Wills, Ray and Hobbs, Richard (eds). *Ecology for Everyone: Communicating ecology to scientists, the public and the politicians*. Surrey Beatty and Sons.
- P van Oosterzee (1998) *Biogeographic relationship between Australia and Asia* in ARAZPA/ ASZK Conference Proceedings Taronga Zoo, Sydney, March 22-27.
- P van Oosterzee (1997) *In the Midst of the Orient Echoes of Australia*. Keynote Paper delivered to Unlocking Museums, National Conference of Museums Australia Inc. Sept. 1997
- van Oosterzee P & Preece ND (1996) *Ecotourism in World Heritage Tropical Forests*. Keynote address to International Conference on World Heritage Tropical Forests; Science for Better Management and Understanding, Cairns, Sept 1996.
- van Oosterzee P (1996) How the requirements of tourism can be incorporated into bioregional planning for the conservation of biodiversity. In: *Approaches to Bioregional Planning*. (Editor R. Breckwoldt, Proceedings National Conference 30 Oct-1 Nov 1995, Dept Environment Sport and Territories, Canberra.
- van Oosterzee P (1996) *Ecotourism in Communicating Ecology*. Keynote address to the Ecological Society of Australia symposium, Townsville.
- van Oosterzee P (1996) Top End and Kimberley Tourism Case Study in Young M.D., Gunningham N, Elix J, Lambert J, Howard B, Grabosky P and McCrone E (1996) *Reimbursing the Future: An evaluation of motivational, voluntary, price-based, property-right, and regulatory incentives for the conservation of biodiversity*. Biodiversity Series, Paper No. 9. Biodiversity Unit.
- Preece N., van Oosterzee, P. & James, D. (1995) *TWO WAY TRACK Biodiversity Conservation and Ecotourism*. Biodiversity Series, Paper No. 5, Biodiversity Unit, Dept Environment, Sport & Territories. 88pp.
- van Oosterzee P (1995) *Uncertainty, Systems and Sustaining an Industry*. Paper presented at Fenner Environment Conference: Risk and Uncertainty in Environmental Management. Australian Academy

- of Science.
- van Oosterzee P (1994) Ecotourism and Biodiversity - Strategy for Integration. *Proc. The First Conference on Eastern Indo-Australian Vertebrates*.
 - Land Systems EBC in association with Ecoz/Discovery Ecotours and 9 others (1994). *Desert Wildlife and Botanic Gardens - Alice Springs, Masterplan*.
 - van Oosterzee, P (1993) *Central Australian Parks Tour Operators Manual*, Conservation Comm. Northern Territory.
 - *Aboriginal Heritage; Wildlife Events; Wildlife Viewing - Fact Sheets* (1993). Australian Tourist Commission.
 - Preece ND & van Oosterzee P (1992) *Operating an Ecotourism enterprise in remote Australia*. Invited paper presented to Directions for Tourism Conference, Alice Springs, Apr 1992.
 - van Oosterzee, P (1992) *Silence of the Malas*. Wildlife Australia Magazine. March 1992.
 - van Oosterzee P. & Preece N. (1991) *Tourism Funding Research - The Desert Discovery Experience* Proc. Inaugural International Ecotourism Congress, Brisbane, Aust Sep 91
 - Preece N. & van Oosterzee P. (1991) *Ecotourism: Contributing to an Intelligent Country*. Proc. Inaugural International Ecotourism Congress, Bris, Australia Sep 91
 - van Oosterzee P. & Morrison M. (1990) Only Lizards Need Apply. *GEO*, **12** (3), 80-93.
 - Carmody M., van Oosterzee P. & Ledger R. (1988) Troubled Heartlands. *Habitat Australia* **16**(1):13-16.
 - Sea of Stone. *Panorama* March 1988.
 - van Oosterzee P. (1987) *The Alice Springs and Environs Wildlife Guide*. NTNPA.
 - Rabbits : The Desert Makers. *Australian Geographic*. No 7. July-Sept. 1987.
 - Fossil Rivers. *Australian Geographic*. No 5. Jan-Mar 1987.
 - The Aboriginal Industry. *Simply Living* Mag. Vol. 2., No 14.
 - van Oosterzee P. (1984) The Recreation Opportunity Spectrum: Its Use and Misuse. *Australian Geographer* **16**(2):97-104
 - van Oosterzee P. (1984) The Clyde River : Is this Wild River in Danger? *National Parks Journal*. **28**(6):12-14
 - van Oosterzee P. (1983) Flooding the Budawangs. *National Parks Journal*. **27**(5):10-11.
 - van Oosterzee P. (1982) More About Deep Ecology. *Habitat Australia*. **10**(6):11-12.

Academic Qualifications

- **Doctor of Philosophy**, Charles Darwin University
- **Master of Science**, University of Queensland, and NTU, Zoology
- **Bachelor of Science**, Macquarie University, Geography/Earth Sciences/Ecology

Professional Disciplines

- Environmental scientist, ecologist, zoologist
- Environmental & conservation strategist & planner
- Ethnoecologist
- Fire ecologist
- Impact assessment & mitigation specialist

AREAS OF EXPERTISE

- BioCarbon Project Development
- BioCarbon aggregation
- Environmental Impact & Risk Assessment and Mitigation
- Environmental Legislation & Policy
- Environmental Problem Analysis
- Indigenous Ecological Knowledge
- Fire Management & Planning
- Land Management Planning & Practice
- Environmental Auditing (RABQSA Certified Lead Environmental Auditor 010192)
- Ecological, Flora & Fauna & Resource Studies
- Biodiversity Conservation
- Project Management
- Ecotourism
- Expert Witness (Environmental) in NSW & NT

PROFESSIONAL HISTORY

Director, Principal Environmental Scientist, Biome5 PL 2006 – on-going

Director, Principal Biocarbon PL 2006 –

Profile

Senior environmental professional with over 30 years experience in a variety of fields. Principal of Degree Celsius JV between BIOCARBON, and regional NRM body Terrain. Degree Celsius is a regional carbon pooling initiative which pools and brokers bio-carbon from NRM activities. Principal environmental scientist for 18 years with EcOz Environmental Services. Director of several companies for over 20 years. Clients have included major corporates, community groups and commercial operations. Expertise and practical management experience in major biomes of Australia, and south-east Asian experience. Actively pursuing new enterprises and initiatives, with entrepreneurial interests across the Australian and SE Asian region.

Environmental & Management Projects:

Project Design Document, Far North Queensland Biocarbon Aggregation under Climate Community & Biodiversity Standard & LULUCF. *Degree Celsius JV, Biocarbon Pty Ltd, 2007-08.*

Fauna handling & environmental advice, Bonaparte Gas Pipeline, *AJ Lucas, 2008*

Peer review Biodiversity Monitoring Manual, Bradshaw Field Training Area, *DoD, 2008*

Regional carbon pooling field mensuration, verification, devt of audit protocols. *Degree Celsius, 2007-08*

Fauna & veg survey Delamere Training Facility, *DoD, 2008*

Regional Biodiversity Monitoring & Remediation Program for Defence Estates NT/K. *With SKM for Spotless (Defence contractors) –2008.*

Technical Review & Report on Sea Dumping of Illegal Foreign Fishing Vessels in North Australian Waters. *Dept Environment, Water, Heritage& the Arts, 2008.*

Technical review fauna & flora study, *Darwin Airport. NT Airports Ltd, 2008.*

Technical Review Environmental Assessment Shooting Range. *Katherine Shooters' Club, 2008.*

Technical reviews Erosion & Soil Control Plans. *Territory Development Corporation, 2007-08.*

Report on SAI Audit of Vopak Darwin Terminal. *Vopak Terminals, 2008.*

Towards an Integrated Package of Regulated Offsets and Additionality for the Ella Bay Integrated Resort Proposal. *SATORI Pty Ltd, 2007.*

Legislative Review & NOI & Referral for 400km pipeline proposal. *Confidential client, 2007.*

Threatened species survey & report, Bonaparte Gas Pipeline. *Australian Pipeline Trust, 2007.*

Fauna & flora studies & reports, Bonaparte Gas Pipeline. *Australian Pipeline Trust, 2007.*

PER & Environmental Impact Assessment, and approvals (Environment, Sacred Sites, Heritage) Bonaparte Gas Pipeline - 286km Wadeye to Darwin. *Australian Pipeline Trust, 2006-07.*

Phase 1 Environmental Site Assessment Childcare Facility. *National Childcare Centres, 2007*

Rehabilitation planning and assessment of Uranium mines in southern Kakadu NP. *Parks Australia North, 2006*

on-going

Management Board, Degree Celsius JV with Terrain NRM Ltd, 2006 – on-going

Adjunct Research Fellow, Charles Darwin University, current.

Editor, J. Ecological Management & Restoration, Ecological Society of Australia & Land & Water Australia

Regional Manager (NT/SA) & Principal Environmental Scientist - EcOz-VDM – 2006-08

Principal Environmental Scientist & Director, EcOz - 1990 - 2006

Director, SmartUse Environmental Certification

Inspector & Authorised Person, *Environment Protection Act 1986 (WA) (CI) (CKI)1999-2005*

Lecturer P/T – Northern Territory University, Environmental Impact Assessment – Full course design, lecture preparation & delivery, 1999

Principal Airport Environment Officer, Darwin, Dept of Transport & Regional Services, Canberra 1998 - 2001

Manager, Principal Environmental Scientist, Woodward-Clyde Darwin 1997

Director, Discovery Ecotours 1987-2000

Regional Manager, ARM, Snr Planner, Exec Asst, Res Officer, Project Manager Conservation Commission of the Northern Territory, 1984-90

Snr Ranger, Ranger, Snr Environmental Officer, NSW NPWS Nth Metrop, Nowra & Kosciusko Districts, 1974-1984

AWARDS

Australian Postgraduate Award – PhD at Charles Darwin University – 1999.

Australian Institute of Aboriginal and Torres Strait Islander Studies (AIATSIS) Grant - Indigenous Ecological Knowledge of Mirriwoong People 2001

Australian Institute of Management 1995 Northern Territory Manager of the Year. Finalist with Special Commendation

Minister's Prize for Science and Technology 1990

Environmental assessment of Uranium containment site in southern Kakadu NP. *Parks Australia North, 2006*

Mining Management Plans, 9 Quarries Alice, Katherine & Darwin. *Rinker (Readymix) PL, 2006*

Environmental Impact Assessment, Optic Fibre Cable, 70km Jabiru-Rikurdji. *Telstra Corp 2006-07.*

Environmental & Development Approvals – Darwin Acid Tank. *Vopak Terminals, 2006-07*

Environmental Audit, DIFT. *Vopak Terminal Darwin, 2006*

Construction EMP Blacktip Gas Project. *Eni Australia, 2006.*

Environmental Audit of Darwin Waterfront Convention & Exhibition Centre. *Sitzler Barclay Mowlem, 2006*

Update Construction EMP for Alice Springs Water Reuse Scheme Soil Aquifer Treatment. *Power and Water Corp, 2006-07.*

Development Applications & Permitting – Darwin Biodiesel, Darwin Industry Fuel Terminal, 2005-2006 *Natural Fuels, Vopak Terminals*

Greenhouse Gas and NPI Reporting for Northern Territory PowerWater facilities, 2005, 2006. *Client: Power & Water Corp.*

Wildfire Risk Management Implementation Plan Northern Region Training Areas. *Client: Department of Defence, 2006*

Wildfire Management Strategy, Risk Assessment and Management Plan. *Client: Department of Defence. 2005-06.*

North Queensland Tropical Birding Trails Feasibility Study - by EcOz, Charles Darwin Uni, CRC Sustainable Tourism. *Townsville Enterprise Ltd./FNQTBTC Committee 2005-06.*

Sydney Biodiesel Plant Proposal *Natural Fuel & Vopak, 2005*

Environmental Assessment Top End Hire Services. *TEHS 2006*

Property Management Plan Proposal Yugul Mangi Women Rangers, Ngukurr NT, Indigenous Coordination Council 2005.

Mining Management Plan, Notice of Intent – Field assessment, peer review, project management – Readymix Pty Ltd 2005

Environmental Impact Assessment Murdudjurl Safari Camp, Kakadu – Research, field assessment, report etc – *Murdudjurl 2005*

EIA for Bunitj Clan & Djabulukgu Association Inc Hawk Dreaming Eco Camp Cannon Hill Kakadu National Park – Management & peer review. *Kakadu National Park, 2005*

Operational EMP Darwin Fuel Terminals – Peer review, project management - Vopak Terminals Ltd 2005

Construction EMP Darwin Biodiesel Plant – Peer review, project management - Natural Fuel 2005-6

Construction EMP – Pt Ceylon Aquaculture Estates – Project work, project management, peer review – Suntay Aquaculture PL 2005

Environmental Impact Study (EIS) Trans Territory Pipeline Gas Project, Woodside & Alcan 2002-2005

Environmental Impact Study (EIS) Blacktip Gas Project, Woodside Energy Ltd 2002-2005

Darwin Biodiesel Plant Public Environment Report (PER) *Natural Fuel Ltd. 2004-5*

Peer review of Audit of NT Power Water compliance with the esaa Code of Environmental Practice, *PowerWater Corporation, 2002, 04*

Brolga Awards for Environmental Tourism 1992 & 1993 & 1998

Travel & Leisure Mark of Innovation Award International Finalist 1992

Australian Tourism Award for Excellence *Environmental Tourism 1993*

Banksia Environmental Awards, Finalist, EcoTourism Category 1996

PROFESSIONAL AFFILIATIONS

Environment Institute of Australia & New Zealand - NT Councillor & Rep. (1995-1998, 2006-07).

NT Minerals Council - *Retired*: Environment Committee

Ecological Society of Australia

Society for Conservation Biology

Australian Rangeland Society

Previous offices:

- ◇ Adviser to CSIRO National Tourism Working Party;
- ◇ Founding President *Ecotourism Association of Australia*;
- ◇ Australian Tourist Commission 1994 *Year of the Great Outdoors* Committee;
- ◇ NT Tourist Commission Ecotourism Stdg Committee.

LANGUAGES

Bahasa Indonesia - Intermediate

Basic French

Contacts

Dr Noel Preece

PO Box 1200

Atherton Qld 4883

mobile (+61) (0)407 996953

e: noel@biome5.com.au

BIOCARBON PTY LTD

ACN: 37 309 679 466

Environmental Impact Assessment, Proposed Developments at Twin Falls, Kakadu National Park. *Kakadu National Park, 2004.*

Environment Strategy/Implementation Plan Mt Bunday Training Area – Strategy, Phase 2/3 risk assessment, peer review, project management – Dept of Defence 2004-2005

ESMP Environmental Sustainability Management Plan for Mt Bunday Training Area, Phase 1 Environmental Review Defence/Parsons Brinckerhoff 2003

Environmental Risk Assessment Sunrise Aquaculture Project – to AS 4360 risk standard - Suntay Aquaculture PL 2003

A concept plan for the establishment of a boardwalk near Banjo Swamp, Milikapiti, Melville Island, Tiwi Island Landcare Group, 2003

Wangamaty (Lower Daly River) Management Plan, Wangamaty LandCare Group Pty Ltd 2003

Feasibility Study for Multi-Species Plantation, Peron Islands Enterprise Aboriginal Corporation, 2003

EIS Point Ceylon Aquaculture Project Suntay Aquaculture P/L 2002-03

Lead Auditor Environmental Audit ERA Ranger & Jabiluka Mines Kakadu DBIRD 2002

Biodiversity Study East Point Sewerage Outfall Inter-tidal benthic fauna sampling PowerWater Corporation 2002-03

Beaches Plans Dundee Beach, Cox Peninsula DIPE 2002-03

Lead Auditor Peer Review DBIRD Mines and Energy, Dept. of Chief Minister, 2002.

Spill Response Plan Defence Facilities NT/Kimberley PPK Environment & Infrastructure 2002

Annual Environmental Report 2001 Woodcutters Mine - Newmont Woodcutters Pty Ltd 2002

Environmental study Blacktip Gas pipeline Investigation of environmental constraints Woodside Pty Ltd 2001-2002

Environmental study Gove Spurline Gas pipeline – Project Manager survey of 650km pipeline Mataranka to Gove. Epic Energy Pty Ltd 2001

Biological survey, 350km pipeline Darwin to Mataranka – team leader field survey of pipeline route; analysis & reporting. Epic Energy PL 2001

Environmental Audit Phase 1 – Site audit of industrial site for sale and rezoning to residential. Hastings-Deering CAT 2001

Indigenous Protected Area Management Plan for Lake Gregory, northern Great Sandy Desert –Plan for Walmajarri Traditional Owners of Lake Gregory and Billiluna Pastoral Leases. Lake Gregory is an area of international significance. Kimberley Land Council 2000

Biological Study of Gunn Point. Fauna & flora study for development of gas pipelines and process facility at Gunn Pt, NT. Project Manager. Woodside Energy, 2000

Mimbi Caves Conservation and Tourism Plan – headed team to develop plan for Aboriginal Gooniyandi traditional owners for Mimbi Caves, an area of national significance. Kimberley Land Council 2000

Environmental Audits, Tenants at Darwin International Airport.

Environmental audits of all tenants on airport. Dept Transport & Regional Services. 2000

Flora & Fauna Report, Tanami region. Report for proposed environmental study. Project Director. Normandy NFM 2000

Fire Management Plans for Defence Estate – Bradshaw, Mt Bunday,

Kangaroo Flats, Delamere, Kowandi N & S. *Wildman Land Management/Defence Estate Organisation, 1999-2000*

Weed Management Plans for Defence Estate – Bradshaw, RAAF Base Darwin, Mt Bunday- methodologies, management & control, for Training Areas Northern Australia. Wildman Land Management/Defence Estate Organisation, 1999-2000

Environmental Audits, Christmas Island, Cocos (Keeling) Islands – Lead Auditor for audits of 20+ major facilities and companies (over 24 sites). Dept Transport & Regional Services, Territories Office, 2000-2005

Indian Ocean Territories – Christmas Is & Cocos (Keeling) Island Environment Office. Project Manager for Environment Office. Dept Transport & Regional Services, Territories Office, 1999-2003

EIS Telstra/NDC Optic Fibre Cable, Wangi Falls, Litchfield National Park – EIS for Telstra for OFC. Telstra/NDC 1999-2000

EIS Telstra/NDC Optic Fibre Cable, Marrakai to Kakadu section – Environmental Impact Study for Telstra for OFC between Marrakai and Kakadu National Park. Telstra/NDC 1998-2000

Expert Witness Mining Wardens Court – Provided expert testimony in court on environmental impacts on proposed Dolomite Quarry in Howard Springs area. Ward Keller, 1999.

Tiger Brennan Drive Underpass – Flora & Acid Sulfate Soils study for PER – Connell Wagner 1999

SEI Telstra Optic Fibre Cable, Kakadu Section – Environmental Impact Study for Telstra for OFC in Kakadu National Park. Telstra 1998-2003

Water Sampling – Shoal Bay – Sampling, analysis and treatment and management recommendations for leachate polluted water body. Thiess Environmental Services, 1998-1999.

Air Quality Sampling – sampling of ambient and polluted air from Shoal Bay green waste burning. Thiess Environmental Services 1998.

NOI for Mining Process Preparation of NOI for production operation - remote operation on mining lease Normandy North Flinders 1998.

Principal Airport Environment Officer - professional environmental services to Darwin International Airport, including regulatory, expert advice, supervision, liaison and investigation. Dept Transport & Regional Development, Airports Division 1998-2001.

Environmental Audit telecommunications facility. Telstra 1998.

Environmental compliance works for facility in Darwin for Toll - sewerage, water discharges, chemicals, hydrocarbons. Toll, 1998

Environmental Audit of warehouse facility to assess environmental compliance and potential liability for owners. Arnott's, 1998

Environmental Management Plan - Upgrade Environmental Management Plan & prepare Operating Procedures to near ISO14001 for site at Darwin International Airport. DASFLEET, 1998.

Environmental Audit Phase 1 of site to assess environmental impacts and potential liability for new owner. Hastings-Deering CAT 1998

Preparation of Environmental Sensitivities Assessment to consider environmental impact potential to fulfil designated authority's requirements. Confidential client. 1998.

Review of fishery and impacts on species of fish in Timor Sea; negotiations and liaison; research on environmental impacts. Confidential client 1998.

Environmental Management Plan Offshore Supply Base Hudson Creek NT. Prepare an Environmental Management Plan for the Offshore supply base at Hudson Creek. OilNet NT Pty Ltd 1997/98

Environmental Site Assessment, Environmental Management Plan of vehicle rentals site. Investigate & report on environmental aspects, provide site clearance at Darwin International Airport for DASFLEET. DASFLEET/Colless & O'Neill 1997/98

Environmental Monitoring - Exercise Rolling Thunder 1997 - Impact assessment on Mount Bunday Training Area, Northern Territory. Department of Defence.

Expert review of environmental impact study and environmental management plan. *Confidential Client.* 1997

Analysis of bore & remediation plan, diesel contaminated bore. Resort *Confidential Client.* 1997

Vegetation Survey and Fire Management of Wickham Point, Darwin Harbour for Phillips Bayu-Undan LNG Plant; Dames & Moore (1997).

Post-Exercise Monitoring Exercise Leopard Rage Mt Bunday Training Area Northern Territory, Australia, Department of Defence, Darwin Logistic Battalion Sept 1996.

Environmental Baseline and Tourism Indicators, Christmas Island, Indian Ocean, Australian Nature Conservation Agency, Darwin 1996.

Environmental Profiles, Mt Wilson, East Ptilotus, Old Pirate, Titania, Red Eye, Cassia, & others, Tanami Region, for North Flinders Exploration, 1994 to 1996.

Fauna Survey & Fire Management Plan Kangaroo Flat Training Area, Northern Territory, Dept of Defence/Dames & Moore 1995.

Fauna Survey & Fire Management Plan Yampi Sound Training Area, Western Australia. 20 days detailed survey of training area. Dept of Defence/Dames & Moore 1995.

Status of Australia's Biodiversity, Occasional paper, 1995, 220pp, Department of Environment, Sport and Territories, Update research, revise and edit.

Kakadu Highway Bukbukluk Realignment, Fauna & Flora Survey, assessment & report 1995. NT Transport & Works

Natural heritage of the Victoria River Region. Report to the Environment Centre NT. Funded by Australian Heritage Commission. (1994).

The future of tourism and value of scientific work at Kapalga Research Station, Kakadu National Park. Australian Nature Conservation Agency. 27pp + app. 1994.

Kakadu Highway Gerowie Creek Realignment, Fauna & Flora Survey & report 1994. NT Transport & Works

Uluru (Ayers Rock-Mt Olga) National Park: Review of Vegetation Mapping. Australian National Parks & Wildlife Service 1992.

Investigation and Report on Vegetation and Mammal Survey of Watarrka National Park for the Bilby Macrotis lagotis Reintroduction Program. Report to Conservation Commission NT 1991.

Planning Projects:

Coolibah Swamp Draft Plan of Management. Greening Australia NT, Alice Springs (1993).

Finke Gorge National Park Concept Plan. Managerial input & concept. CCNT 1989-1990.

Rainbow Valley Conservation Reserve Draft Plan of Management. Research & preparation, CCNT, 1989-1990.

Tennant Creek Telegraph Station Plan of Management. Managerial input

& review, CCNT 1988-1989.

Davenport-Murchison National Park Resources Document & Draft Plan of Management. Management & review CCNT, 1989-1990.

Watarrka National Park Plan of Management. Managerial input, drafting & review, CCNT 1989.

West MacDonnells Park Strategy. Research, managerial input, preparation & review. CCNT 1989-1990.

Petermann District Strategy. CCNT 1986-87.

Arltunga Historical Reserve Plan of Management. Managerial input, drafting & review, CCNT 1986

Murramarang National Park, Draft Plan of Management, N.S.W. N.P.W.S.

Murramarang National Park, Fire Management Plan & Resources Document, (1984).

Tourism & ecotourism

Tour operator and consultant. Operated Discovery Ecotours for 13 years, winning multiple awards for tourism. Assisted in development of Ecotourism strategy for Eastern Indonesia for DARTI and for Indonesian Government.

Consultancies:

Conducting Resource Inventories for Ecotourism; Understanding the Limits. Workshop presentations to Australian Conservation Training Initiative, 1995, AIDAB, Sydney.

Christmas Island Ecotourism Tour Operators' 4-day workshop, and assessment report. Australian Nature Conservation Agency, 1994, Darwin.

The Challenge of Ecotourism. Inbound Tourism Organization of Australia (ITO), Symposium, Wollongong, 1993, NSW.

Continuous Professional Development

WTMA Wet Tropics Fire Management Workshop, Cairns, invited participant, June 2008

North Australia Marine Bioregion Threats and Planning Expert Workshop, invited participant, May 2008

Bushfire Law in Northern Australia – invited paper presented to North Australia Fire Managers' Forum, May 2008

Environmental Impact Assessment process & procedures - invited speaker-CDU 2002-2007

ArcGIS 9.1 On-line course, 2006

Environmental Assessment Act in the NT – invited speaker to NT Minerals Council Environmental Workshop, 2004

Forest Surveys & Workshops on research, planning, reporting; Reserve Faunes des Okapis, Epulu, Dem. Rep. Congo, Feb. 2004

Theses

Doctor of Philosophy *Indigenous Ecological Knowledge and Land Management in Australian Tropical Savannas*

Master of Science (Zoology) *Diversity and abundance of lizards and mammals in three vegetation formations in central Australia*

PUBLICATIONS & Misc. reports

- ❑ Preece, ND (2007) Traditional and ecological fires and effects of bushfire laws in north Australian savannas. *International Journal of Wildland Fire* **16**, 378–389.
- ❑ Whitehead, PJ, Bowman, DMJS, Preece, N, Fraser, F, & Cooke, P. (2003) Customary use of fire by indigenous peoples in northern Australia: its contemporary role in savanna management. *International Journal of Wildland Fire* **12**: 415-425
- ❑ Preece, N. (2003) *Entirely happy* to burn Northern Australian savannas: Fire law and policy effects on fire management. Abstract: *African Journal of Range and Forage Science*, Vol 20(2) p230; full paper in *Proceedings VIIth International Rangelands Congress*, Durban South Africa pp2031-2041.
- ❑ Preece, N. (2003) Neglected Human Resources in the Australian Tropical Savannas. Abstract: *African Journal of Range and Forage Science*, Vol 20(2) p220; paper in *Proceedings VIIth International Rangelands Congress*, Durban South Africa pp1863-7.
- ❑ Preece, N. (2002) Historical Accounts of Aboriginal Fires in Monsoonal Australia. *J Biogeography* **29**:321-336.
- ❑ Preece, N. (2002) A vital human resource - Indigenous Ecosystem Management in Australian tropical savannas. *Proc. Int. Assoc of*

International Rangelands Congress, Durban South Africa, August 2003, paper & poster presented.

International Conference on Ethnobiology, Addis Ababa, Ethiopia, July 2002, paper presented

Fire & Biodiversity Workshop 6-8 December 2000 Bangkok Thailand

Urban Erosion & Sediment Control Workshop, DLPE & NSW Soil Con., Darwin NT October 2000

Fire & Biodiversity, CSIRO, NTU, Darwin NT October 2000

Northern Grassy Landscapes Conference, Katherine NT, August 2000

Environmental Impact Assessment Course, conducted by Noel Preece, 13 weeks, FATSIS, NTU Aug-Nov 1999

Fire & Sustainable Agriculture & Forestry in Eastern Indonesia and Nthn Australia, Darwin, April 1999

Environmental Compliance and Due Diligence, Australian Centre for Environmental Law, June 1998

Planning for Ecological Disasters Workshop – Invited participant – Emergency Management Australia, Mt Macedon Sept 1998

North Australia Fire Management Workshop, Darwin, March 1998

Acid Mine Drainage Conference, 1997

Water Monitoring Short Course 1997

Bahasa Indonesia Intermediate Level - Courses 1994 - 1998

EEO and Project Management Courses, 1984 to 1989

ARC/INFO GIS on VAX, 1988

Pitjantjatjara Cross-Cultural Course, 1987

Professional, operational and human management skills development courses, 1974 to 1996

Fire management, environmental interpretations, instructor's courses (chainsaw, 4wd, x-c skiing, training)

PADI Open Water Diver

St John's Advanced First Aid.

Heavy vehicle, commercial tourist

Ethnobiology, Addis Ababa, Ethiopia.

- Harvey, K., Morris, I., Preece, N. and Van Oosterzee, P. (2002) An Assessment of the Conservation Significance of the Flora of Juliki (Bradshaw) Field Training Area, Timber Creek, Northern Territory. EcOz Environmental Services. Darwin. Unpublished report to the Australian Heritage Commission.
- Preece, N. (2001) Traditional Fire in the Australian Arafura Savannas. *Proc Community Based Fire Management Workshop*, Bangkok Thailand, 6-8 December 2000.
- van Oosterzee P & Preece N (1998) Ecotourism in communicating ecology. Chap 8 in Ray Wills & Richard Hobbs (Editors) *Ecology for Everyone Communicating ecology to scientists, the public and politicians*. Surrey Beatty & Sons Pty Ltd
- Preece N (1997) The Fragmented State of Fire Knowledge in Northern Australia. *Proc. Australian Bushfire Conference "Bushfire 1997", Darwin NT Australia*
- van Oosterzee P & Preece ND (1996) *Ecotourism and World Heritage Tropical Forests*. Key note address to the World Heritage Tropical Forests Conference, Cairns Sept 1996.
- van Oosterzee P. & Preece N. (ms 1998), *Darwin: The Wild Side*. Natural History of the Darwin region; commissioned by Conservation Commission NT.
- Preece N., & van Oosterzee P. *Pests - Taking Stock. The Science, Management and Future of Vertebrate Pests in Australia*. Comprehensive research on contemporary vertebrate pest management and control in Australia. Commissioned by Bureau of Resource Sciences. 1994-96.
- *Status of Australia's Biodiversity, Occasional paper, 1995, 220pp*, Department of Environment, Sport and Territories, Update research, revise and edit.
- Preece N., van Oosterzee, P. and James, D. (1995) *TWO WAY TRACK Biodiversity Conservation and Ecotourism*. Biodiversity Series, Paper No. 5, Biodiversity Unit, Dept Environment, Sport & Territories. 88pp.
- Preece ND (1994) *Diversity and abundance of lizards in central Australia*. Paper to 2nd World Herpetological Congress, Adelaide, 1993-4.
- *Aboriginal Heritage; Wildlife Events; Wildlife Viewing - Fact Sheets* (1993). Australian Tourist Commission.
- Limpus CJ & Preece ND (1992) *Report on Discovery Ecotours' Expedition to islands of Cape York, Gulf of Carpentaria and Arnhem Land, 1992*, 41pp. Unpublished report to QDEH.
- Preece ND & van Oosterzee P (1992) *Operating an Ecotourism enterprise in remote Australia*. Invited paper presented to "Directions for Tourism Conference", Alice Springs, Apr 1992.
- Preece ND (1992) IRC (International Rangelands Congress) Impressions. *Range Mgt Newslr* 91:(3),15-17
- Woinarski JCZ, Braithwaite RW, Menkhorst KA, Griffin S, Fisher A, & Preece N (1992) Gradient Analysis of the Distribution of Mammals in Stage III of Kakadu National Park, with a Review of the Distribution Patterns of Mammals across North-Western Australia. *Wildlife Research* 19(3):233-262
- Preece N & van Oosterzee P (1991) *Ecotourism: Contributing to an Intelligent Country*. Proc. Inaugural International Ecotourism Congress, Brisbane, Australia Sep 91
- van Oosterzee P & Preece N (1991) *Tourism Funding Research: The Desert Discovery Experience*. Proc. Inaug. Int'l Ecotourism Congress, Brisbane, Australia Sep 91
- Preece ND & Stafford Smith DM (1991) *Evaluation of species and habitat conservation in Central Australia*. Proc. IVth Int'l Rangeland Congress, Montpellier, France, 1991.
- Preece N, Allan G & Baker L (1991) *Two approaches to fire management in Central Australia: implications for rangeland management*. Proc. IVth International Rangeland Congress, Montpellier, France, 1991.

vehicle, motorcycle driver's licence.

- Preece ND (1990) Application of Fire Ecology to Fire Management: a manager's perspective. In: *Australian Ecosystems: 200 years of utilisation, degradation and reconstruction* (eds D.A. Saunders and A.J.M. Hopkins) Proc. Ecol. Soc. Aust. Surrey Beatty Sons, Sydney.
- Preece N, Latz P, O'Byrne D, Portlock H & Waithman J (1989) *Fire Management Manual for Central Australian Parks and Reserves*. Conservation Commission of Northern Territory.
- Preece N (1989) *Watarrka National Park Walking Tracks and Signs*. Proc. National Interpretation Workshop, Alice Springs, 1-5 May 1989, Conservation Commission of Northern Territory.
- Griffin G.F., Stafford Smith D.M., Morton S.R., Allan G.E., Masters K.A. & Preece N.D. (1989) Status and Implications of the Invasion of Tamarisk (*Tamarix aphylla*) on the Finke River, Northern Territory, Australia. *Jnl Env Mgt*, **29**, 297-315.
- Sullivan M., Snelson W.J. & Preece N.D. (1986) Nundera point: An experiment in dune stabilisation., *Australian Ranger Bulletin*, Vol 4, No.1; & *Australian Archaeology* 23, Dec. 1986.
- Preece, N. (1986) *Feral Animal Control, Central Australian Parks & Reserves.*, 4th Biennial Australian Rangelands Conference, Poster.
- Preece, N. (1985) The National Parks Concept: is it being undermined? *Ranger Review*, CCNT.
- Preece, N. (1984) The N.P.W.S. and Residential Subdivisions adjacent to National Parks, *Environmental Law Newsletter*, **15**, June.

DR. ALLAN DALE

P.O. Box 82 Miriwinni, Queensland 4870

PERSONAL

Nationality: Australian

Date of Birth: 25th February, 1965

Permanent residence: P.O. Box 82, Miriwinni, 4871

Telephone: Work (07) 3214 2327 Home (07) 3289 3486

Languages: English and Wik Mungkan (Basic)

ACADEMIC

Ph.D. (Land-Use Planning) 1993 - *Griffith University*

B. of Agricultural Science (First Class Honours) 1986 - *University of Queensland*

Senior Certificate (TE 980) 1982 - *Cairns State High School*

PROFESSIONAL AFFILIATIONS AND COMMITTEES

Environmental Institute of Australia (EIA).

International Association of Impact Assessment (IAIA).

FIELDS OF COMPETENCE

Land-use planning

Environmental and social impact assessment

Indigenous issues in natural resource management

Strategic and corporate planning

Lecturing/training in planning and development theory

Land resources assessment, management and rehabilitation

Rural enterprise and community development

FIELDS OF PROFESSIONAL EXPERIENCE

Terrain NRM 2005 - Present

CEO of the Wet Tropics region's Natural Resource Management Board.

Queensland Department of Natural Resources and Mines 2001-2005

General Manager of Resource Policy. Responsible for building the quality of policy development for natural resource management across Queensland.

CSIRO Tropical Agriculture 1996-2001

Regional Planner managing a significant regional resource use planning R&D project in Queensland's Central Highlands. Also responsible for technical support in regional

agreement process in the Wet Tropic and Southern Great Barrier Reef World Heritage Areas. My additional responsibilities included short term advisory and consultancy services, membership on advisory committees, conference presentations and writing academic papers.

Queensland Department of Family Services, Aboriginal and Islander Affairs 1993-96

Manager, Social Impact Assessment Unit, Queensland government. I established the strategic directions of the Unit and managed its day to day referral agency functions in land-use planning and impact assessment. The primary goal of the Unit was to integrate social issues into land-use planning and impact assessment processes. Key activities included regulatory functions, promotion/ training, establishing policy, and research and development.

Doctoral Research 1987-93

My doctoral thesis examined planning for government-funded land-use development projects on Aboriginal lands and determined reasons for and the impacts of government policy failure. My research findings suggest the need for improvements in the area of holistic community-based planning and have direct application to broader systems of land-use planning in rural Australia. I conducted extensive field work on projects in Aurukun (Cape York Peninsula), Woorabinda (Central Queensland) and Tamworth (Northern NSW).

Consultancy (Inst. of Applied Environmental Research, Griffith University) 1987-93

Consultancy work included land use planning and natural resource assessment, the provision of training in land use planning, environmental and social impact assessment and community-based and regional planning, strategic and operational planning and program evaluation.

Agricultural Degree Work Experience 1983-86

Work experience gained during my agricultural degree included tropical orchard and horticultural husbandry (Cairns and Kuranda); bauxite mining regeneration (Weipa); temperate dairy management (New Zealand); forest management (Cooloola/Maryborough).

SELECTED PUBLICATIONS, CONFERENCE PAPERS, REPORTS

M B Lane, H Ross, A P Dale, and R. Rickson (2003) Sacred Land, Mineral Wealth, and Biodiversity at Coronation Hill, Northern Australia: Indigenous knowledge and SIA. *Impact Assessment and Project Appraisal*, 21, 2, 89-98.

Dale, A, Taylor, N. and Lane, M., 2002 (eds). Social assessment in natural resource management institutions. CSIRO Publishing, Melbourne.

Zhu, X. and A.P. Dale, 2001, JavaAHP: A Web-based decision analysis tool for natural resource and environmental management. *Environmental Modelling & Software*, Vol.16, No.3, pp.251-262.

Dale, A., Bellamy, J., Bischof, R., Zhu, X., Laredo, L. and Pollock, L., 2000, Building a better system of regional planning for sustainability. Chapter 6 in P. Hale, A. Petrie, D.

Moloney and P. Sattler (Eds.), *Management for Sustainable Ecosystems* (pp. 34-45). Brisbane, Australia: Centre for Conservation Biology, the University of Queensland.

Dale, A.P. and Bellamy, J.A. (1998) *Regional resource use planning: An Australian review*. LWRRDC Occasional Paper, 9/98, LWRRDC, Canberra.

Lane, M.B., Ross, H.A. and Dale, A.P. (1997). *Social impact research: Integrating the technical, political and planning paradigms*. *Human Organisation* 56(3):302-310.

Dale, A.P., Chapman, P. and McDonald, M. (1997). *Social Impact Assessment in Queensland: Why practice lags behind legislative opportunity*. *Impact Assessment* 15(2): 159-180.

Dale, A.P. and Lane, M.B. (1995). *Queensland's Social Impact Assessment Unit: Its origins and prospects*. *Queensland Planner* 35(3): 5-11.

Dale, A.P. and Lane, M. B. (1995). *Project assessment in Australian indigenous domains; the case for reform*. *Australian Journal of Environmental Management* 2(1):30-39.

Dale, A.P. and Lane, M. B. (1993). *Strategic Perspective Analysis: A Procedure for Participatory and Political Social Impact Assessment*. *Society and Natural Resources* 7(3):253-267

Dale (1993). *An Assessment of Planning for Government-Funded Land-use Development Projects for Aboriginal Communities in Eastern Australia*. Ph.D., Griffith University.

Dale, A. P., Sheldon, W. and Trevena, S. (1992). *Community-Based Planning and Development: A Guide for ATSIC Field Staff*. ATSIC, Canberra.

Dale A. P. (1992). *Aboriginal Councils and Resource Use Planning: Participation Through Bargaining and Negotiation*. *Australian Geographical Studies*, 30:9-26.

Dale, A. P. (1992). *Planning for Rural Development in Aboriginal Communities: A Community-Based Planning Approach*. In Moffat, I. and Webb, A. 1992. *Conservation and Development Issues in Northern Australia*. NARU, Darwin.

Lane M., Dale A. P., Ross H., Rickson R. and Hill A. (1990). *Social Impact of Development: An Analysis of the Social Impact of Development of Aboriginal Communities of the (Conservation Zone) Region*. RAC Consultancy Series, AGPS, Canberra.