

NAME: David D. ANNANDALE

DATE OF BIRTH: 5 January, 1958

NATIONALITY: British and Australian

QUALIFICATIONS: PhD, University of Western Australia (Graduate School of Management): 2000

Tertiary Teaching Certificate, Murdoch University (High Distinction). 1995

Master of Arts (Public Administration),
University of Virginia: 1989

Bachelor of Science (Environmental Science),
Honours, Murdoch University: 1982

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WORK EXPERIENCE IN: Bhutan, Maldives, Thailand, Indonesia, Malaysia, Samoa, Fiji,
Australia, Germany, Canada, USA

PROFESSIONAL EXPERIENCE

Dr Annandale manages an international environmental and social issues consulting business, and holds an appointment as Head of School, and Senior Lecturer in Environmental Assessment and Policy at Murdoch University in Perth, Western Australia.

Dr Annandale's specialist fields of expertise include: environmental impact assessment; strategic environmental assessment; social impact assessment and public participation; regulatory analysis and business/environment linkages; environmental management systems/environmental auditing; environmental conflict resolution, multi-criteria analysis; energy and environmental institution strengthening; Asian environmental policy; and environmental and social strategy for multi-lateral banks.

SIGNIFICANT PROJECTS

Over the last 12 years, Dr Annandale has undertaken many projects for public and private clients as a consultant, and as an employee of two organizations. Major projects are listed below:

Asian Environmental Policy/Institutional Strengthening/Small Island States

- Strategic Environmental Assessment expert: World Bank mission to Bhutan to design a Global Environment Facility land degradation project, and undertake a strategic environmental assessment of the Royal Government of Bhutan's 9th Five Year Plan [*World Bank*]. (2003/4)
- Advice to Landcorp on the development of environmental indicators for evaluating environmental performance to the Auditor-General of Western Australia (2004)
- Strategic Advice to the Chairman of the Western Australian Environmental Protection Authority: Institutional arrangements for management of water quality in the Swan-Canning Catchment [*WA EPA*]. [2004]

- Project Director: Development of catchment management guidelines for water supply catchment areas of Sarawak [*Government of Sarawak*]. [2003/4]
- Production of videos for a training course on Strategic Environmental Assessment to be delivered throughout China, for the China State Environmental Protection Administration (*World Bank and the International Association for Impact Assessment*). [2003]
- Facilitation of a Ministerial Workshop (Forum Economic Ministers Meeting 2003, Republic of Marshall Islands) dealing with integration of environmental, social, and economic issues in Pacific Island countries (*Pacific Islands Forum*). [2003]
- Evaluation of bids for a proposed large marina/tourist resort in the Republic of Maldives. The job also entailed a review of the process used by the Government to compare bids (*Ministry of Tourism, Republic of Maldives*). [2003]
- Detailed conceptualisation (including the writing of a Technical Assistance Paper and organising of a Bank Mission to the South Pacific) in relation to the development of a new Pacific Region Environment Strategy (*Asian Development Bank*). [2002].
- Feasibility study into the application of Western Australian alternative energy technology on inhabited remote islands in the Republic of Maldives (*Alternative Energy Development Board, Government of Western Australia, and the Ashden Trust*). [2000/1]
- Organisational assistance and participation in a Workshop on Strategic Environmental Assessment in Development Cooperation (*German Federal Ministry of the Environment, Nature Conservation and Nuclear Safety*). [2001]
- Development of a Strategic Environmental Assessment policy for the Asian Development Bank (*Office of the Environment and Social Development, Asian Development Bank*). [1999]
- Development of a set of environmental project profiles to be offered for funding at a UN Small Island Developing States donors meeting at the UN in 1999 (*UNDP*). [1998]
- Production of a State of the Environment Report and reporting framework for the Republic of Maldives (*South Asia Cooperative Environment Program and the Norwegian International Aid Agency [NORAD]*). [1998]
- Production of an environmental information booklet (“Blue, Green and White: Maldives, an Environmental Insight”) for release by the President of Maldives (*UNDP and the Ministry of Planning, Human Resources and Environment of the Republic of Maldives*). [1998]
- An overall review of environmental administration in the Republic of Maldives, along with a review of EIA procedures, the writing of new EIA regulations, the development of an EIA handbook for proponents, and an input to the Second National Environmental Action Plan (*UNDP and the Ministry of Planning, Human Resources and Environment of the Republic of Maldives*). [1997]

Short Course Training (Australian and International)

- Steel Authority. of India Ltd. Environmental Management : Lecturer, 1992
- Indonesian Pollution Control Inspectors' course: Designer and Lecturer, August 1994
- Govt of Indonesia: BAPEDAL Pollution Control Implementation Project, Senior Officials Visit. Organiser, August 1994
- DEET/Targeted Institutional Links Project. Workshop Participant December 1994
- DEET/Targeted Institutional Links Project with East Java Universities. Student Adviser, March - July 1995
- Indonesian Urban Environmental Management course: Designer and Lecturer, 1995
- UNDP/MPHRE, Maldives EIA Workshops for Proponents: Designer and Lecturer, June 1997
- Production of a Training Manual and design and delivery of a training course in EIA administrative process for private consultants contracted by the WA Department of Environmental Protection to

undertake reviews of proponent EIA documents (Western Australian Department of Environmental Protection). 1998

- Master's degree in Environmental Science for mid-career professionals: Government of Sarawak: Degree Director, 2000-2003.
- AusAID Philippines-Australia Short-Term Training Facility: Strengthening the Technical Capability of PCIERD, MindaDOST and SMIEERDC in Environmental Planning and Management. Lecturer in EIA and waste management planning. March 2003

Multi-criteria Analysis/Decision-aiding

- Assistance with the development of site selection criteria and technology selection criteria for use in a multi-criteria analysis process to define a resource recovery facility site and technology in Perth, Western Australia (**Eastern Metropolitan Regional Council**). [2004]
- Use of multi-criteria analysis for assessing options for the redevelopment of an urban Civic Triangle in Sotuh Perth, Western Australia (**Syme Marmion and Co., and the City of South Perth**). [2004]
- Use of multi-criteria analysis as a strategic planning tool to determine how to implement water consumption reduction targets across the State of Western Australia (**Water Corporation of WA**). [2003]
- Facilitation of a strategic planning workshop to determine how to implement a sustainable management framework for land and water use on Gngangara Groundwater Mound (**Water Corporation of WA/CSIRO**). [2003]
- Development of a multi-criteria analysis framework for a housing development decision in suburban Perth, Western Australia (**Terra Consulting and Landstart (Government of WA)**). [2003]
- Investigation of the use of multi-criteria analysis for electricity transmission line route selection (**Western Power**). [2003]
- Evaluation of alternatives analysis work contained in a proponent's economic, social, and environmental assessment documentation (**EPA Service Unit, Government of Western Australia**). [2003]
- Strategic advice and computation associated with a multi-criteria analysis process for ranking catchment management issues in rural NSW (**Terra Consulting and Parkes and Districts Landcare Area**). [2003]
- Design and facilitation of a multi-criteria analysis process used to rank approximately 1,000 remnant bush patches in the Western Australian wheatbelt. (**Ecoscape and the Lake Chinocup Region Catchment Management Committee**). [2003]
- Peer review of a multi-criteria analysis process used to rank sites for a waste management/resource recovery facility. (**BSD Consultants and the Mindarie Regional Council**). [2003]
- Multi-criteria analysis process for the selection of a route for Roe Highway Stages 7 and 8 in metropolitan Perth, Western Australia. (**Department of Planning and Infrastructure**). [2002]
- Response to a Review of the Multi-criteria Analysis Process used for Roe Highway/Fremantle Eastern Bypass replacement). (**Main Roads WA**). [2002]
- Research study: Refinement of a technique for making difficult waste management and recycling decisions (**Western Australian Waste Management and Recycling Fund, Department of Environmental Protection**). [2000]
- A multi-criteria analysis of controversial road reservation alignment choices along a stretch of major highway in Perth (**GHD Pty Ltd and Main Roads WA**). [1997/8]
- An evaluation of the ecological significance of seagrass in Cockburn Sound using multi-criteria analysis (**Kinhill and Cockburn Cement Ltd**). [1996/7]

- An evaluation of nature reserves in the Shire of Mundaring using multi-criteria analysis (*Ecoscape*). [1996/7]
- A multi-criteria analysis of public transport technologies/routes for South-West Metropolitan Perth. This was the most significant multi-criteria analysis undertaken in Australia at the time, involving 18 technology/route combinations and 23 assessment criteria. Responsibilities also involved assistance with the organisation of a semi-Delphi focus group process (*Transperth*). [1994/5]

Research and Facilitation of 'Green Jobs'

- Identification of industry development opportunities: Fuel cell technology and bus project (*Department of Planning and Infrastructure, Government of Western Australia*). [2003]
- Investigation of social impacts associated with introducing barramundi to Lake Kununurra in the Kimberley region of Western Australia. (*Ord Land and Water Inc.*). [2003]
- Production of a set of green jobs case studies for placement on a WA Government website. (*Department of Training*). [2003]
- Production of a survey-based research report examining the current status, and projections for future employment, in the Western Australian Green Jobs Sector. (*Department of Training and Green Skills Inc.*). [2002]
- Pre-feasibility research: Environmental management industry sector (*Peel Development Commission, Western Australia*). [2001/2002]
- Facilitation of new enterprise development in the 'green jobs' sector in Western Australia (*WA Department of Training*). [2000]
- Production of a research report for the Western Australian Government focusing on the potential for Green Jobs in Western Australia (*WA Department of Training*). [1999]

Public Consultation, Strategic Advice, and Social/Strategic/Environmental Impact Assessment

- Verification of a Corporate Social and Environment Report (*Dampier Salt Ltd*). [2004]
- Strategic Environmental Assessment expert: World Bank mission to Bhutan to design a Global Environment Facility land degradation project, and undertake a strategic environmental assessment of the Royal Government of Bhutan's 9th Five Year Plan [*World Bank*]. (2003)
- Evaluation of alternatives analysis work contained in a proponent's economic, social, and environmental assessment documentation (*EPA Service Unit, Government of Western Australia*). [2003]
- Social impact assessment: proposal to introduce Barramundi to Lake Kununurra (*Lake Kununurra Fish Stock Enhancement Committee*). [2003]
- Verification of a Corporate Social and Environment Report (*Robe River Iron Associates*). [2003/4]
- Production of a submission for the Conservation Commission of WA, on the Draft Western Australian Sustainability Strategy (*Conservation Commission of Western Australia*). [2003]
- Verification of a Corporate Social and Environment Report (*Rio Tinto/Hamersley Iron*). [2001, 2002, 2003, and 2004]
- Submission to the WA EPA on a Hazardous Waste Treatment Plant proposal (*Department of Education*). [2001]

- Mandurah Inner Area Strategic Land Use and Transport Integration Study: production of social impact study (*Sinclair Knight Merz*). [2001]
- Verification of a Corporate Environment Report (*Rio Tinto/Hamersley Iron*). [2001]
- Joint Project Manager for the evaluation of the WA Recycling Blueprint (*Kinhill and the State Recycling Advisory Committee*). [1999]
- The provision of strategic advice relating to the legal requirements for public consultation in the Commonwealth and WA EIA laws (*WAPET*). [1996]
- Design of an environmental training program (*Hamersley Iron*) [1996]
- Collection of international case study information for a project to design waste minimisation models for regional businesses (*Ecotones and the Federal Dept. of Housing & Regional Development*). [1996]
- Review of strategic developments in the environment groups sector (*Hamersley Iron*) [1994 and 1998]
- Public consultation programme design and implementation for the expansion of a gas turbine power station (SECWA) and for the extension of a major four-lane metropolitan ring road (*Main Roads Department of WA*). [1994]
- Organisational review and evaluation (*Goldfields Dust Abatement Committee*). [1993]
- Secondment to the Perth office of Hamersley Iron Pty Limited: Executive Assistant to the Manager of Environmental Affairs for a ten-month period during 1991 and 1992. Responsible for project management and scheduling of the Marandoo Iron Ore Mine and Central Pilbara Railway Environmental Review and Management Programme (*Hamersley Iron Pty Ltd*). [1992]
- Sites evaluation study, Ashton Mining Limited: undertaken for a proposed secondary processing plant at Meenaar, east of Northam, Western Australia (*Ashton Mining Ltd*). [1992]
- Social impact assessment and public participation strategy as part of a Consultative Environmental Review for a proposed quicklime plant to be located north of Wanneroo, Western Australia (*Swan Portland Cement Ltd*). [1991]
- Social impact assessment and public participation strategy, as part of a Consultative Environmental Review for a wastewater pipeline associated with the development of a new coal-fired power station at Collie in the south-west of Western Australia. This assessment involved a range of corridor options (*Mitsubishi-Transfield Collie Power Station Joint Venture*). [1991]
- Assessment of social impacts associated with the Federal Government's inscription of the Wet Tropics of Queensland on the World Heritage list. The assessment was part of an overall programme evaluation of the Government's Structural Adjustment Package, initiated to assist businesses and individuals adversely affected by the cessation of logging. A questionnaire survey of displaced timber workers was also designed and administered as part of the evaluation (*Department of the Arts, Sport, the Environment, Tourism and Territories*). [1991]
- Input to the Supplement to the Draft Environmental Impact Statement for the Proposed Third Runway, Sydney (Kingsford-Smith) Airport. Involved in responding to the public comments made on the chapter that discusses impacts of the proposed runway on the social and demographic environment (*Federal Airports Corporation*). [1992]
- Input to environmental assessment manual, National Environment Board of Thailand: participated in an AIDAB-funded project to produce an environmental assessment manual for chemical and petrochemical industries in Thailand. Responsible for the section relating to social and economic impact assessment (*Australian Aid Agency AIDAB*). [1991]

- Socio-economic impact assessment. Responsible for the evaluation of land disposal options for the disposal of sewage from Albany, as well as for the socio-economic impact assessment of these options (*Water Authority of Western Australia*). [1990/1]
- Study Manager for the production of a thirty-year strategic plan for waste management on Rottnest Island, Western Australia. The study involved the design of new approaches for landfill site operation and detailed options for waste minimisation and recycling. A questionnaire survey dealing with visitor waste habits was designed, administered and analysed (*Rottnest Island Authority*). [1991]
- Study manager for a survey-based research project to ascertain the volume of cardboard available for recycling in metropolitan Perth. Responsible for a three-person team involved in survey design, questionnaire implementation (700 businesses) and analysis of results (*Department of State Development*). [1990]
- Part-time secondment to the Water Authority of Western Australia: seconded to assist in the drafting of new groundwater protection by-laws, particularly those associated with the regulation of bulk liquid storage. The project included assisting the Authority to draft by-laws, developing and implementing a consultation strategy, and re-drafting by-laws with Parliamentary Counsel (*Water Authority of Western Australia*). [1990/1].
- Study Manager for the production of a management plan for a solid waste landfill in the Perth metropolitan area (*Atlas Group Pty Ltd*). [1990]

EMPLOYMENT

In addition to the consulting projects outlined above, Dr Annandale has held the following full-time positions since 1983:

November 1992 to date

School of Environmental Science, Murdoch University, Perth

As Senior Lecturer in Environmental Assessment and Policy, Dr Annandale has been responsible for teaching, research, consulting and administration in the areas of: environmental and social impact assessment; environmental law; social planning; and business and the environment. Dr Annandale has also taught in a cross-disciplinary business management concepts course and in environmental law courses in the Law School.

In addition, he has been Head of the School of Environmental Science (managing 45 staff, and with an annual budget of \$5million), Programme Chair for Postgraduate Programmes in Environmental Science, and Asian liaison contact person.

While at Murdoch University he has attracted approximately \$2million in research grants.

July 1996 to January 1997

Business and the Environment/Business Ethics Research Fellow, Schulich School of Business, York University, Toronto, Canada.

Dr Annandale undertook sabbatical research in the Toronto-based mining community, coordinated a Case Studies Research course for MBA students in the Business School, and helped with design of the course: Introduction to Business and the Environment (also taught in the Business School).

October 1990 to November 1992

Kinhill Engineers Pty Ltd, Perth

As Manager, Economics and Social Planning, Mr Annandale was responsible for input to a range of environmental impact assessment, social impact assessment and strategic planning jobs for clients.

April 1990 to October 1990

Ministry of Economic Development, Perth

Mr Annandale was employed in the Economic Policy Development Division as a Senior Policy Analyst working on issues related to waste management strategy and recycling industry development. He produced a policy document on reform of the waste management administrative structure, and had an input to the State Recycling Blueprint.

January 1988 to May 1989

Institute for Environmental Negotiation, University of Virginia

Between mid-1987 and mid-1989, Mr Annandale was engaged in postgraduate study at the University of Virginia. During this time, he was also employed by the Institute for Environmental negotiation as a graduate intern on three main contracts: one involved facilitating the revision of Virginia's groundwater regulations using consensus techniques; another involved organising a dialogue within the federal Environmental Protection Agency, the aim being to produce a draft agenda for the national control of non-point source water pollution; and the final contract consisted of specialist advice to a group of Toronto-based environmental consultants dealing with the design of public consultation programmes for solid waste landfill planning in the Metro Toronto area.

March 1984 to July 1987

Department of Employment and Training, Western Australia

As Senior Research Officer, Mr Annandale assisted the Manager of the Policy Analysis Branch of the State Government's employment and training policy and programmes department. He developed labour market policies in the area of enterprise development, and produced a monthly news sheet on State and National economic trends and labour market conditions. He established (with one supervisor) a new public sector loan fund for small business, assessed one hundred and fifty business proposals, prepared preliminary legislation for worker co-operatives, and initiated assistance schemes for community development corporations and business 'incubators'.

December 1985 to February 1987

Western Australian Science, Industry and Technology Council

Mr Annandale was engaged as a consultant and produced a major report on employment and technology relationships in Western Australian industry. He initiated and detailed first case studies undertaken in the plastics processing, bread-baking, aluminium fabrication, and timber industries.

June 1983 to March 1984

APACE (Western Australia)

APACE (Western Australia) is a community development corporation dedicated to the commercialisation of technologies that generate employment and have a positive environmental impact. Mr Annandale co-founded the organisation and helped build it up to the point where it employed twenty people in five areas (job creation, training, information collection and dissemination, research and demonstration, and commercialisation). He established all management systems and controlled an operating budget of A\$1.2 million per annum. As Project and Business Manager, he helped in the development of new technical innovations.

February 1983 to June 1983

Conservation Council of Victoria, Melbourne

As Project Officer, Mr Annandale established a research project and campaign for long-term economic planning based on the ideal of a conserver economy.

OTHER TRAINING/SPECIALIST KNOWLEDGE

Dr Annandale is experienced in the use of IBM and Apple Macintosh microcomputer systems, and has a sound knowledge of the following software programs: Microsoft Excel, Microsoft Word, Word Perfect, and

Netscape. He is also familiar with a range of decision support software such as Expert Choice, @RISK and DEFINITE, and has co-produced similar customised software.

REFEREED PUBLICATIONS

- Annandale, D., Morrison-Saunders, A., and Bouma, G. (2004), 'The impact of voluntary environmental protection instruments on company environmental performance', *Business Strategy and the Environment*, vol.13, no.1, pp.1-13.
- Annandale, D. and A. Morrison-Saunders (in press 2004). Teaching Process Sustainability: A Role-Playing Case Focused on Finding New Solutions to a Wastewater Management Problem. In: S. Roberts (Ed.) Teaching Sustainability, Volume 2. Greenleaf Publishing
- Annandale, D., Morrison-Saunders, A., and Duxbury, L. (2004), 'Regional sustainability initiatives: The growth of green jobs in Australia', *Local Environment*, vol.9, no.1, pp.81-87.
- Pope, J., Annandale, D., and Morrison-Saunders, A. (2004), 'Conceptualising sustainability assessment', *Environmental Impact Assessment Review* (Accepted and in press).
- Annandale, D., and Taplin, R. (2003), 'The determinants of mining company response to environmental approvals regulation: A report of Australian research', *Journal of Environmental Planning and Management*, vol.46, no.6, pp.887-909.
- Waldeck, S., Morrison-Saunders, A., and Annandale, D. (2003), 'Effectiveness of non-legal EIA guidance from the perspective of consultants in Western Australia', *Impact Assessment and Project Appraisal*, vol.21, no.3, pp.251-256.
- King, P., Annandale, D., and Bailey, J. (2003), 'Integrated economic and environmental planning in Asia: a review of progress and proposals for policy reform', *Progress in Planning*, vol.59, no.4, pp.233-315.
- Annandale, D., and Taplin, R. (2003), 'Is environmental impact assessment regulation a 'burden' to private firms?' *Environmental Impact Assessment Review*, vol. 23, no.3, pp.383-397.
- Jenkins, B., Annandale, D., and Morrison-Saunders, A. (2003), 'The evolution of a sustainability assessment system for Western Australia', *Environmental and Planning Law Journal*, vol.20, no.1, pp.56-65.
- Morrison-Saunders, A., Annandale, D. and Cappelluti, J. (2001), 'Practitioner perspectives on what influences EIA quality', *Impact Assessment and Project Appraisal*, vol.19, no.4, pp.321-325.
- Annandale, D. (2001), 'Developing and evaluating environmental impact assessment systems for small developing countries', *Impact Assessment and Project Appraisal*, vol.19, no.3, pp.187-193.
- Annandale, D., Bailey J., Ouano. E., Evans, W., and King, P. (2001), 'The potential role of strategic environmental assessment in the activities of multi-lateral development banks', *Environmental Impact Assessment Review*, vol.21, no.5, pp.407-429.
- King, P, Annandale, D. and Bailey, J. (2000), 'A conceptual framework for integrated economic and environmental planning in Asia: A literature review', *Journal of Environmental Assessment Policy and Management*, vol.2, no.3, pp.279-316.
- King, P, Annandale, D. and Bailey, J. (2000), 'Integrated economic and environmental planning at the sub-national level in Asia', *Journal of Environmental Assessment Policy and Management*, vol.2, no.3, pp.317-338.
- Annandale, D. (2000), 'Mining company approaches to environmental approvals regulation: A survey of senior environment managers in Canadian firms', *Resources Policy* vol.26, no.1, pp.51-59.

- Markovich, V. and Annandale, D. (2000), 'Sinking without a life jacket? Sea level rise and the position of small island states in international law', *Asia-Pacific Journal of Environmental Law*, vol.5, no.2, pp.135-154.
- Wilkinson, S., Annandale, D., and R. Taplin (2000), 'The influence of information provision on environmental risk perception', *Australian Journal of Environmental Management*, vol.7, no.1, pp.38-47.
- Williams, H., van Hooydonk, A., Dingle, P. and Annandale, D. (2000), 'Developing tailored environmental management systems for small businesses', *Eco-management and Auditing*, vol.7, no.3, pp.106-113.
- Annandale, D., Altham, J., Dingle, P., Phillimore, J., and Morkel, A. (2000), 'Developments in the environmental regulation of firms', *International Journal of Management*, vol.17, no.1, pp.35-44.
- Annandale, D. and Saeed, S. (1999), 'Tourism and the management of environmental impacts in the Republic of Maldives', *Journal of Policy Studies*, vol.7, pp.81-89.
- Annandale, D., Gribble, N. and Dingle, P. (1999), 'Private companies and environmental management: outcomes of a survey of Western Australian business', *Australian Journal of Environmental Management*, vol.6, no.2, pp.66-69.
- Shaw L., Dingle, P., and Annandale D. (1999), 'Improving the design and implementation of environmental training programmes', *Eco-management and Auditing*, vol.6, pp.140-147.
- Newman, P.W.G., M.L. Duxbury, and Annandale, D. (1984), 'The rise or decline of the Australian inner city? An analysis of recent trends in population, housing, age structure, and workforce. *Urban Policy and Research* 2(2): 7-17.
- Annandale, D.D., M.L. Duxbury, and Newman, P.W.G. (1983), 'Wood: The growing fuel of the future. *Search* 14: 9-10.

REFEREED CONFERENCE PUBLICATIONS

- Annandale, D., (2001), 'Climate change and developing countries: Options in international environmental law for combating greenhouse gas emissions', UNEP Global Seminar for Women Leaders on the Uptake of Renewable Energy Technology, 27 June - 4 July, Murdoch University, Perth, Australia.

NON-REFEREED CONFERENCE PUBLICATIONS

- Annandale, D., Lantzke, R., and Bouma, G. 2003. How to Obtain Sustainable Outcomes from Waste Management Decisions. Paper presented to the Waste and Recycle 2003 Conference, Sheraton Perth Hotel, Perth, Western Australia. September 9-12.
- Annandale, D. 2003. Economic and Social Development and the Environment: Policy Integration in the Pacific Region. Paper presented to the Second Meeting of the Academic Forum of Regional Government for Sustainable Development. Notre Dame University, Fremantle, Western Australia. September 17-19.
- Annandale, D. 2003. Chevron-Texaco's Site Selection Work for the Proposed Gorgon Gas Development. Paper presented to the Barrow Island Forum. Alexander Library, Perth, Western Australia. August 7th.
- Annandale, D. 2003. Economic and Social Development and the Environment: The Need for Integration. Presentation to the Pacific Islands Forum Economic Ministers Meeting. Majuro, Republic of Marshall Islands. June 10th.
- Maslin, A., Annandale, D., and Saupin, M. 2003. Solar Energy Systems Ltd.: Decentralised water solutions island infrastructure project. Paper presented to European Renewable Energy Council Conference on Renewable Energy Systems for Islands, Tourism and Water Desalination. Crete, Greece, 26-28 May.

- Annandale, D., Lantzke, R., and Skinn, M. (2003), 'Making good waste management decisions'. Paper presented to the ORBIT (Organic Recovery and Biological Treatment Association) International Conference. Murdoch University, Perth, W. Australia. April 30.
- Annandale, D., Lantzke, R., and Skinn, M. (2003), 'Making good waste management decisions'. Paper presented to the NSW Waste Management Conference and Expo 2003. Australian Technology Park, Sydney, NSW. 4-6 June.
- Morrison-Saunders, A., Annandale, D., and Jenkins, B. (2003), 'Challenges in sustainability assessment: Issues for capacity building'. Paper presented at IAIA'03 Impact Assessment and Capacity Building, 23rd annual meeting of the International Association for Impact Assessment, 14-20 June, Marrakech, Morocco.
- Annandale, D., Morrison-Saunders, A., and Payne, J. (2002), 'The impact of environmental self-regulation on corporate environmental performance'. Paper presented at IAIA '02, 22nd annual meeting of the International Association for Impact Assessment, 14-20 June, The Hague, Netherlands.
- Annandale, D (2002), 'Multi-criteria analysis and catchment management'. Paper presented at the annual conference of the Association of Community Landcare Professionals, 6 December, Perth, WA.
- Annandale, D (2002), 'Climate change and developing countries: Options in international environmental law for combating greenhouse gas emissions'. Paper presented to delegation from the Ministry of Non-conventional Energy Sources, Government of India. Australian Centre for Renewable Energy, Murdoch University, 15 November, Perth, WA.
- Annandale, D (2001), 'The impact of environmental protection on employment', Working Visions International Conference, Duxton Hotel, 21 November, Perth, WA.
- Annandale, D (2001), 'Decision support systems for waste management planning', Waste Management Association of Australia (WA Branch): 'Coordination of Waste Management in WA', 16 October, Perth, WA.
- Annandale, D (2001), 'The role of strategic environmental assessment in the activities of multi-lateral development banks'. Paper presented at the Workshop on Strategic Environmental Assessment in Cooperation with Developing and Transition Countries. Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, November 26-27, Berlin.
- Annandale, D. (2001), 'Emerging alternatives and innovations'. Paper presented at: 'Searching our Futures: Consulting Citizens', Department of Premier and Cabinet. Curtin University, November 30, 2001.
- Annandale, D. 2001, 'Models for Government sustainable development decision-making', paper presented at, Sustainability 2001 - The Way Ahead, Conservation Council of WA, February 1-2, 2001, Curtin University of Technology.
- Annandale, D., Bailey, J., Ouano, E., Evans, W. and King, P. 2000, 'The potential role of strategic environmental assessment in the activities of multi-lateral development banks', paper presented at the International Association for Impact Assessment Conference, Hong Kong, June 2000.
- Annandale, D.D. 1991. Public participation. Paper presented to the Seminar on Public Participation in Project Planning and Development, Social Impact Unit and CSIRO, Paradise Inn Function Centre, Western Australia, March 1991.
- Annandale, D.D. 1991. Forward planning for waste facility siting in local government. Paper presented to the 8th State Conference, Local Government Engineers Association of Western Australia, Quality Langley Plaza Hotel, March 1991.
- Annandale, D.D. 1990. The costs of refuse disposal technology. Paper presented to the Seminar on the Future of Waste Management Industries in WA, Recycling and Treatment Industries Association, November 1990.

- Annandale, D.D., and S. Leppard. 1990. The relationship between planning consultants and communities in social impact assessment. Paper presented to International Symposium on Hazardous Materials/Wastes: Social Impacts of Facility Planning and Management, Harbour Castle Westin, Toronto, Canada, September 1990.
- Annandale, D.D. 1990. Pre-submission consultation and public participation in the environmental assessment process: The situation in Ontario. Paper presented to Environmental Assessment and Environmental Assessment Boards Conference, Metro Toronto Convention Centre, Toronto, Canada, February 1990.
- Annandale, D.D., and S. Leppard. 1990. Waste management planning: Can alternative dispute resolution work? Paper presented to Conference on Law and Contemporary Affairs, University of Toronto School of Law, Toronto, Canada, January 1990.
- Annandale, D.D., R.C. Collins, A.B. Dotson, and C.L. Lancaster. 1989. New approaches for the generation of groundwater quality standards: The use of consensus techniques in revising Virginia's groundwater standard. Paper presented to Groundwater Issues and Solutions in the Potomac River Basin/Chesapeake Bay Region Conference, George Washington University, Washington, D.C., March 1989.
- Annandale, D.D., and A. Bollard. 1987. Technology choice for employment generation. Consultancy for the Western Australian science Industry and Technology Council, Government of Western Australia.
- Annandale, D.D., R. Grounds, and S. Jennings. 1985. Approaches and initiatives in regional economic development. Paper presented to Development and Employment Forum, Cockburn Civic Centre, Perth, Western Australia, March 1985.
- Annandale, D.D. 1985. Appropriate technology and the rich economies: A case study of the work of APACE (Western Australia). Paper presented to Socially Appropriate Technology International Information Services General Assembly, New Delhi, India, December 1985.
- Annandale, D.D., J.C. Wood, and R. Greig. 1984. The potential for employment generation in new energy systems - An analysis of international studies with implications for Western Australia. Discussion paper presented to School of Economics and Finance, Western Australia Institute of Technology.
- Annandale, D.D., M.L. Duxbury, and P.W.G. Newman. 1983. Wood: The management of an expanding domestic solar energy fuel. Paper presented to Solar World Congress, International Solar Energy Society, Perth, Western Australia, August 1983.

AWARDS

- Australian Institute of Petroleum Prize, 1982
 Rotary International Graduate Fellowship, 1987/88.