

# ENVIRONMENT DESIGN GUIDE

## Authors

GEN – general issues  
TEC – technology

DES – design strategies  
NOT – notes

PRO – products & materials  
CAS – case studies

### A

Robin Allison	CAS 46	Water Sensitive Urban Design in the Melbourne Docklands – <i>An Overview</i> (February 2008)
	CAS 47	Water Sensitive Urban Design in the Melbourne Docklands – <i>Raingardens and Bioretention Tree Pits</i> (February 2008)
	CAS 48	Water Sensitive Urban Design in the Melbourne Docklands – <i>Wetlands, Storage and Reuse System</i> (February 2008)
Michael Ambrose	PRO 1	Sustainable Housing Using Lightweight Cellular Concrete (May 2009)
Elizabeth Ampt	GEN 48	Travel Demand Management and Vehicles (May 2002)
Chris Arkins	TEC 6	Ground Source Heat Pumps – <i>An Introduction</i> (February 1999, reviewed February 2004)
	TEC 18	Chilled Ceilings and Beams (February 2005)
Richard Aynsley	TEC 2	Natural Ventilation in Passive Design (May 1996, reviewed May 2001, revised May 2007)
	TEC 25	Circulating Fans for Summer and Winter Comfort and Indoor Energy Efficiency (November 2007)

### B

David Baggs	DES 4	Thermal Mass in Building Design (May 2006)
George Baird	CAS 42	The Post-Occupancy Evaluation of Passive Downdraft Evaporative Cooling and Air Conditioned Buildings at Torrent Research Centre, Ahmedabad, India (November 2006)
Greg Bamford	DES 17	Cohousing – An Introduction to a Residential Alternative (February 2008)
	DES 18	Cohousing and Rethinking the Neighbourhood: The Australian Context (May 2008)
Paul Bannister	GEN 56	The National Australian Built Environment Rating System (NABERS) (February 2004)
	GEN 65	Designing Buildings that Actually Perform (November 2004)
	TEC 13	Refrigerant-Cycle Chiller Optimisation (May 2003)
Rob Ball	GEN 73	Urban Greenfield Communities – <i>Addressing Sustainability in New Developments</i> (November 2005)
Guy Barnett	GEN 3	Biodiversity and the Built Environment (February 2003)
	GEN 39	Ecosystem Services for Regional Sustainability (May 2001)
	DES 68	An Ecological Design Strategy for the Planning and Development of Healthy Urban Habitat (November 2006)
Gary Bateman	CAS 31	Doncaster Hill Urban Village (May 2003)
Margaret Bates	PRO 31	Concrete – <i>An Introduction</i> (November 2003)
Nigel Bell	GEN 21	Waste Minimisation and Resource Recovery (August 1998, reviewed August 2003)
	GEN 53	Bushfires and Building – <i>An Introduction</i> (May 2003)
	DES 55	Bushfire Planning and Design (May 2003)
	PRO 20	Lead Hazards in Construction (November 1998, reviewed November 2004)
	CAS 33	Bunton House – <i>Bushfire Case Study</i> (November 2003)
Adrian Bennett	PRO 16	Durability of Building Materials – <i>An Introduction</i> (November 1997, reviewed November 2002)
Beau B. Beza	DES 3	Design Considerations for the Australian Alps (May 2008)
Janis Birkeland	GEN 4	Positive Development: Designing for Net Positive Impacts (August 2007)
	GEN 6	Ecological Waste: Rethinking the Nature of Waste (August 2007)
	DES 77	Design for Eco-Services Part A – Environmental Services (November 2009)
	DES 78	Design for Eco-Services Part B – Building Services (November 2009)
	TEC 11	Greywater and Blackwater Treatment Strategies (November 2001)
Nic Booker	DES 53	Roof and Facade Gardens (February 2003)
Boyd Boxshall	DES 53	Roof and Facade Gardens (February 2003)
Adrian Bradbrook	GEN 8	Passive Solar Design – <i>The Legal Right to Solar Access</i> (February 1996, reviewed February 2001)
Peter Breen	CAS 46	Water Sensitive Urban Design in the Melbourne Docklands – <i>An Overview</i> (February 2008)
	CAS 47	Water Sensitive Urban Design in the Melbourne Docklands – <i>Raingardens and Bioretention Tree Pits</i> (February 2008)
	CAS 48	Water Sensitive Urban Design in the Melbourne Docklands – <i>Wetlands, Storage and Reuse System</i> (February 2008)

*continued*

David Bridgman	CAS 23	Bawinanga Ranger's Station (May 2001)
David Brown	GEN 5	Marketing Ecologically Sustainable Design Skills (May 2006)
Catherin Bull	DES 48	Landscape Planning, Design and Management (August 2002)
Kerrie Burge	CAS 46	Water Sensitive Urban Design in the Melbourne Docklands – <i>An Overview</i> (February 2008)
	CAS 47	Water Sensitive Urban Design in the Melbourne Docklands – <i>Raingardens and Bioretention Tree Pits</i> (February 2008)
	CAS 48	Water Sensitive Urban Design in the Melbourne Docklands – <i>Wetlands, Storage and Reuse System</i> (February 2008)
John Burgess	PRO 9	Comparative Service Life Assessment of Window Systems (November 2007)
Peter Bycroft	GEN 42	Post Occupancy Evaluation (February 2002)
Juliet Byrnes	DES 28	Photovoltaics – <i>Architectural Applications</i> (August 1999, reviewed 2004)
	CAS 16	Royal Agricultural Society (RAS) Horse and Cattle Pavilions (February 1999)

## C

Shailja Chandra	DES 2	Energy Efficiency in Commercial Buildings (February 2003)
	CAS 37	Prasad House, Randwick, New South Wales (May 2005)
Libby Chaplin	CAS 28	Inverleigh Primary School, Inverleigh, Victoria (August 2002)
Michael Chapman	GEN 73	Urban Greenfield Communities – <i>Addressing Sustainability in New Developments</i> (November 2005)
Zhendong Chen	TEC 12	Ventilation – <i>Emerging Technologies</i> (November 2002)
Alan Chenoweth	DES 45	Landscape Design and Biodiversity (February 2002)
David Clark	CAS 52	Office Building Retrofit at 55 St Andrews Place, Melbourne – <i>Turning a Sparrow into a Peacock</i> (August 2008)
Jonathon Crockett	CAS 55 A	Urine-Separation and Dry Composting Toilet Trial – <i>Demonstration in a Secondary School</i> (August 2009)
	CAS 55 B	Urine-Separation and Dry Composting Toilet Trial – <i>Agricultural Use of Residues</i> (August 2009)
Gareth Cole	GEN 12	Residential Passive Solar Design (February 1997, reviewed May 2002)
	TEC 5	Solar Hot Water Systems (August 1998, reviewed February 2004)
M Colombar	DES 49	Building Services Systems – <i>An Integrated Design Approach to Building Performance</i> (August 2002)
Peter Coombes	DES 44	Stormwater – <i>Strategies for Use</i> (November 2001)
Robert Cowdroy	DES 12	Perceived Comfort (August 1996, reviewed November 2001)
Steve Coyne	TEC 16	Lighting – <i>Energy Management and Occupant Well-Being through Integrated Control</i> (August 2004)
	DES 63	Daylighting and Buildings – <i>A Guide</i> (November 2004)
Graham Crist	CAS 32	Monash Science Centre, Monash University (August 2003)
Philip Crowther	DES 31	Design for Disassembly – <i>Themes and Principles</i> (August 2005)

## D

Elise Daniels	CAS 55 A	Urine-Separation and Dry Composting Toilet Trial – <i>Demonstration in a Secondary School</i> (August 2009)
	CAS 55 B	Urine-Separation and Dry Composting Toilet Trial – <i>Agricultural Use of Residues</i> (August 2009)
Graeme David	GEN 43	Salinity in Australia (February 2002)
Neville D'Cruz	CAS 26	Sellick House (February 2002)
Richard de Dear	DES 57	Comfort in Buildings – <i>Applying an Adaptive Model</i> (August 2003)
Cheryl Desha	GEN 14	The Philosophy and Practice of Water Sensitive Urban Design – <i>Is it Consistent with a Whole System Approach?</i> (August 2007)
Lex Dewar	GEN 64	Operating a Building for the Next 20 Years (November 2004)
Peter Dickinson	TEC 19	Building Operation: <i>Data Collection</i> (August 2005)
John Doggart	GEN 62	Sustainable Communities (November 2004)
Mark Donohue	GEN 15	Indoor Environment and Health – <i>An Introduction</i> (November 1997, reviewed November 2002)
Jenny Donovan	GEN 9	Permaculture and Urban Farming – <i>An Introduction</i> (August 1996, reviewed May 2002)
Paul F Downton	CAS 25	Urban Water Conservation, Harvesting, and Reuse – <i>Selected Case Studies South Australia</i> (November 2001)
Graham Dyus	CAS 51	Santos Headquarters – 5 Star Green Star CBD Office Tower, Adelaide (May 2008)
Peter Duxson	PRO 24	Low CO <sub>2</sub> Concrete: Are we making any progress? (November 2008)

## E

Paul Eagles	GEN 73	Urban Greenfield Communities – <i>Addressing Sustainability in New Developments</i> (November 2005)
Geoff Edwards	DES 40	Planting Guidelines for Public Spaces (November 2000, reviewed November 2005)
Annie Egan	DES 26	Comparing Simulated to Actual Energy Consumption in Two Office Buildings (May 2009)
Jacqui England	PRO 37	Life Cycle Assessment of Forest and Wood Products in Australia (May 2009)
David Engwicht	GEN 55	Mental Landscapes – <i>The Forgotten Element in Sustainable Design</i> (November 2003)
	DES 16	Sustainable Metropolitan Transport – <i>Design Strategies</i> (August 2006)
Anthea Fawcett	NOT 11	Ecologically Sustainable Development – <i>Glossary of Terms</i> (May 2006)
Roger Fay	GEN 22	Life Cycle Energy Analysis (November 1998, reviewed 2003)
	GEN 56	The National Australian Built Environment Rating System (NABERS) (February 2004)
	GEN 58	Embodied Water of Construction (May 2004)
Roger Fay	GEN 59	Biodiversity – <i>Site Assessment for Sustainable Development</i> (May 2004)
	DES 35	Building Materials Selection – <i>Greenhouse Strategies</i> (August 2000, reviewed 2005)
	DES 65	Affordable Housing – <i>Design Strategies</i> (August 2005)
	CAS 53	Conversion of a Heritage Listed Industrial Building – <i>UTAS School of Architecture and Design</i> (August 2008)
Marten Finger	DES 40	Planting Guidelines for Public Spaces (November 2000, reviewed 2005)
Matt Fisher	DES 2	Energy Efficiency in Commercial Buildings (February 2003)
George Fitzpatrick	TEC 14	Energy Efficient Strategies for Existing Buildings (February 2004)
Paul Fletcher	CAS 20	Australian Geological Survey Organisation (AGSO) Building (August 2000)
Greg Foliente	GEN 57	Environmental Design and Assessment Tools – <i>A Guide</i> (February 2004)
Perry Forsythe	GEN 30	Project Waste Management Plans – <i>Costing and Quantifying Construction Waste</i> (November 1999, reviewed 2004)
Elizabeth Fox	DES 10	Renewable Energy Generation (February 1996, reviewed November 2001)
	CAS 5	Nemingha Public School (February 1996)
	CAS 6	Design Faculty Building, University of Newcastle (May 1996)
Stephen Frost	CAS 30	Restoring the Waters Project (February 2003)
Trevor G Fuller	GEN 47	Urban Freight Systems (May 2007)
Claire Fulton	CAS 25	Urban Water Conservation, Harvesting, and Reuse – <i>Selected Case Studies South Australia</i> (November 2001)

## G

Vyt Garnys	TEC 22	Indoor Environment Quality, Design, and the Value of Facility Ecology (August 07)
Detlev Geard	CAS 49	Pemberton House, Hobart – Implementing Thermal Design Principles for Housing in a Cool Temperate Climate (May 2008)
Phillip Geary	DES 24	Domestic Wastewater – <i>On-site Treatment and Reuse</i> (February 2005)
John Gelder	GEN 23	Educational Facilities – <i>Using School Buildings to Teach Environmentally Sustainable Design</i> (November 1998, reviewed November 2003)
	GEN 24	Light Pollution (February 1999, reviewed February 2004)
	GEN 32	Contaminated Land (May 2000, reviewed August 2005)
	GEN 50	Legionella (August 2002)
	DES 56	Birds and Buildings (August 2003)
	PRO 4	Chemical Risks in the Built Environment – <i>An Introduction</i> (February, 1996, revised and rewritten February 2001)
	PRO 5	Chemical Risks in the Built Environment – <i>A Survey</i> (February 2001)
	PRO 6	Chemical Risks in the Built Environment – <i>Reduction Strategies</i> (February 2001)
	PRO 10	Renewable Resources – <i>An Introduction to Building Materials</i> (August 1996, reviewed August 2001)
	PRO 11	Renewable Resources – <i>Materials Survey</i> (November 2002)
	PRO 13	Polyvinyl Chloride – <i>Manufacture</i> (May 1997, reviewed May 2002)
	PRO 14	Polyvinyl Chloride – <i>Products, Use and Disposal</i> (May 1997, reviewed May 2002)
	PRO 17	Green Specifying – <i>The Role of National Master Specification Systems Part 1</i> (November 1997, reviewed November 2002)
	PRO 18	Green Specifying – <i>The Role of National Master Specification Systems Part 2</i> (November 1997, reviewed February 2003)
	PRO 23	Subterranean Termites – <i>Management Strategies for New Buildings</i> (May 2000, reviewed 2005)

John Gertsakis	PRO 22	Waste Minimisation – <i>A Guide for Materials Selection</i> (November 1999, reviewed November 2004)
	PRO 25	Water Conservation in Buildings (November 2001)
	PRO 27	Office Furniture – <i>Key Issues and Specification Guidelines</i> (November 2002)
	PRO 29	Office Furniture and Fitouts – <i>Recent Case Studies</i> (May 2003)
Leigh Gesthuizen	PRO 1	Sustainable Housing Using Lightweight Cellular Concrete (May 2009)
Guy Gibson	GEN 73	Urban Greenfield Communities – <i>Addressing Sustainability in New Developments</i> (November 2005)
Peter Graham	GEN 31	Education for the Next Industrial Revolution – <i>Teaching Resource Efficiency and Effectiveness in Environmental Literacy</i> (November 1999, reviewed November 2004)
	GEN 66	Design for Adaptability – <i>An Introduction to the Principles and Basic Strategies</i> (February 2005)
	TEC 1	Waste Minimisation – <i>Source Reduction</i> (November 2002)
Tim Grant	DES 33	Building Performance Assessment – <i>The Role in Design</i> (May 2000, reviewed May 2005)
	GEN 51	Life Cycle Assessment – <i>Application in Buildings</i> (November 2002)
	PRO 7	The Environmental Impact of Building Materials (May 2007)
	PRO 8	Strategies and Resources for Material Selection (May 2007)
Paul Gray	PRO 22	Waste Minimisation – <i>A Guide for Materials Selection</i> (November 1999, reviewed 2004)
	DES 47	Windsor Court Redevelopment, Tasmania (August 2002)
Deni Greene	NOT 4	Websites on Built Environment Sustainability – <i>Part 1</i> (August 2003)
	NOT 6	Websites on Built Environment Sustainability – <i>Part 2</i> (August 2003)
John Greenwood	GEN 35	Solar Ultraviolet Radiation – <i>Protective Measures</i> (November 2000, reviewed November 2005)
	DES 32	Shade Audit – <i>NSW Cancer Council</i> (May 2000, reviewed May 2005)

## H

Murray Hall	PRO 37	Life Cycle Assessment of Forest and Wood Products in Australia (May 2009)
Nina Hamilton	GEN 69	Tourism Architecture in Special Places (August 2005)
Andrew Hammonds	CAS 39	Kelvin Grove Urban Village (November 2005)
Charlie Hargroves	GEN 14	The Philosophy and Practice of Water Sensitive Urban Design – <i>Is it Consistent with a Whole System Approach?</i> (August 2007)
Glenn Hedges	GEN 78	Building the Scheme to Deliver Sustainable Infrastructure Solutions (May 2008)
Dominique Hes	GEN 51	Life Cycle Assessment – <i>Application in Buildings</i> (November 2002)
	PRO 31	Concrete – <i>An Introduction</i> (November 2003)
Maria Heffernan	DES 71	Adjusting Building Thermostats for Environmental Gains – Understanding the Issues (November 2008)
	DES 72	Adjusting Building Thermostats for Environmental Gains – A Pilot Study (November 2008)
Peter Ho	DES 53	Roof and Facade Gardens (February 2003)
Darren Holloway	DES 53	Roof and Facade Gardens (February 2003)
David Hood	GEN 60	Energy Efficiency and ESD – <i>Implementation from a Development Perspective</i> (November 2004)
	GEN 78	Building the Scheme to Deliver Sustainable Infrastructure Solutions (May 2008)
Hemayet Hossain	TEC 15	Transport, Land Use, Site Planning and Landscape Planning – <i>GIS and Remote Sensing</i> (February 2004)
Nigel Howard	PRO 9	Comparative Service Life Assessment of Window Systems (November 2007)
Richard Hyde	CAS 21	Cotton Tree Housing Project (November 2000)

## I

Gillian Isoardi	DES 63	Daylighting and Buildings – <i>A Guide</i> (November 2004)
Tony Issacs	DES 23	AccuRate – <i>Second Generation Nationwide House Energy Rating Software</i> (May 2005)
Usher Iyer-Raniga	DES 70	Sustainability Rating Tools – <i>A snapshot study</i> (February 2007)

## J

Peter James	GEN 63	Green Star – <i>A User's Perspective</i> (November 2004)
Helen Jennings	GEN 46	Changing the Signs, Making the Connections (May 2002)
Chris Jensen	CAS 41	Filter House, Broome, Western Australia (November 2006)
David Jones	DES 54	Water and Landscape Design in Arid Climates (May 2003)
Evan J Jones	GEN 71	Towards Sustainable Urbanism (November 2005)
Petar Johnson	PRO 28	Architectural Coatings – <i>Managing Environmental Impacts</i> (February 2003)
Lindsay Johnston	DES 38	Residential Buildings – <i>Retrofitting to Reduce Greenhouse Gas Emissions</i> (August 1999, reviewed August 2004)

## K

Misheck Kapambwe	PRO 36	Timber use in Residential Construction and Demolition (November 2008)
Elizabeth Karol	DES 22	Thermal Performance of an Energy Efficient House in a Dry Temperate Climate (February 2009)
	CAS 44	Energy Performance of New Project Homes, Perth, Western Australia (February 2007)
Allen Kearns	DES 68	An Ecological Design Strategy for the Planning and Development of Healthy Urban Habitat (November 2006)
Rodney Keenan	PRO 36	Timber use in Residential Construction and Demolition (November 2008)
Rosemary Kennedy	DES 71	Adjusting Building Thermostats for Environmental Gains – Understanding the Issues (November 2008)
	DES 72	Adjusting Building Thermostats for Environmental Gains – A Pilot Study (November 2008)
Steve King	DES 8	Residential Sites – <i>Analysis for Sustainability</i> (November 1995)
	DES 9	Residential Sites – <i>Sustainable Developments</i> (November 1995)
	CAS 10	Sustainable Energy Development Authority (SEDA) Office Fitout (May 1997)
	CAS 37	Prasad House (May 2005)
Roger Kluske	CAS 52	Office Building Retrofit at 55 St Andrews Place, Melbourne – <i>Turning a Sparrow into a Peacock</i> (August 2008)
M Kragh	DES 49	Building Services Systems – <i>An Integrated Design Approach to Building Performance</i> (August 2002)
George Kuczera	DES 44	Stormwater – <i>Strategies for Use</i> (November 2002)

## L

Chris Lamborn	CAS 34	Building T, Deakin University (February 2004)
Craig Langston	GEN 10	Life-Cost Studies (November 1996, reviewed November 2001)
Bill Lawson	PRO 2	Embodied Energy of Building Materials (August 2006)
	PRO 15	Timber Resources and Sustainability (August 1997)
	CAS 9	Bowali Visitor Centre (February 1997)
Yves Lemoine	GEN 38	Energy Performance Contracting – <i>An Introduction</i> (February 2001)
Lea Lennon	DES 18	Cohousing and Rethinking the Neighbourhood – <i>The Australian Context</i> (May 2008)
Susan Loh	TEC 26	Living Walls – <i>A Way to Green the Built Environment</i> (August 2008)
	DES 71	Adjusting Building Thermostats for Environmental Gains – Understanding the Issues (November 2008)
	DES 72	Adjusting Building Thermostats for Environmental Gains – A Pilot Study (November 2008)
	TEC 27	Green Roofs – Understanding Their Benefits for Australia
	TEC 28	Towards Prefabricated Sustainable Housing: An Introduction (August 2009)
Nicholas Low	GEN 72	Planning the Green City (November 2005)
Mark B Luther	TEC 10	Building Envelopes – <i>Emerging Technologies</i> (August 2001)
	TEC 12	Ventilation – <i>Emerging Technologies</i> (November 2002)
	TEC 23	Air Leakage in Buildings – <i>Review of International Literature and Standards</i> (November 2007)
	TEC 24	Realising Air Leakage in Australian Housing (November 2007)
	TEC 28	Towards Prefabricated Sustainable Housing – An Introduction (August 2009)
	DES 21	Building Energy Performance Software – <i>An Introduction</i> (May 2004)
	DES 57	Comfort in Buildings – <i>Applying an Adaptive Model</i> (August 2003)
	DES 62	Lighting – <i>Incorporating an Integrated Design Process</i> (August 2004)
	DES 69	Mobile Architecture and Built Environment Laboratory (MABEL) – <i>a Building Performance Evaluation Tool</i> (November 2006)
	CAS 34	Building T, Deakin University (February 2004)
Peter Lyons	PRO 3	Windows in Building Design – <i>Energy Impacts</i> (November 1995, reviewed February 2001)
	PRO 32	Glazing, Windows, Skylights and Atria – <i>Properties and Rating Systems</i> (August 2004)

## M

Scott McAlister	PRO 7	The Environmental Impact of Building Materials (May 2007)
	PRO 8	Strategies and Resources for Material Selection (May 2007)
Danielle McCartney	GEN 62	Sustainable Communities (November 2004)
Craig McClintock	CAS 54	District Cooling Case Study – <i>James Cook University, Townsville</i> (February 2009)
Michael McCormack	GEN 58	Embodied Water of Construction (May 2004)

Robert McGauran	GEN 74	Metropolitan Planning – <i>Balancing Place and Sustainability</i> (November 2005)
Kirsty McGregor	GEN 42	Post Occupancy Evaluation (February 2002)
Peter McLean	DES 7	Artificial Lighting and Energy Efficiency (November 1995)
	DES 61	Lighting – <i>Design Techniques</i> (August 2004)
Terrance McMinn	DES 22	Thermal Performance of an Energy Efficient House in a Dry Temperate Climate (February 2009)
Bronwen Machin	GEN 46	Changing the Signs, Making the Connections (May 2002)
Caroline J Mackley	GEN 44	Economics of Sustainable Building (February 2002)
Don Maisch	GEN 76	Electromagnetic Fields in the Built Environment – <i>Design for Minimal Radiation Exposure</i> (August 2006)
Swee Mak	PRO 1	Sustainable Housing Using Lightweight Cellular Concrete (May 2009)
Paul K Marsden	GEN 30	Project Waste Management Plans – <i>Costing and Quantifying Construction Waste</i> (November 1999, reviewed November 2004)
David J Martin	TEC 9	Electric Lighting – <i>Emerging Technologies</i> (May 2005)
Kirsty Máté	PRO 27	Office Furniture – <i>Key Issues and Specification Guidelines</i> (November 2002)
	PRO 29	Office Furniture and Fitouts – <i>Recent Case Studies</i> (May 2003)
Steve Mathews	CAS 38	George Street Apartments (May 2005)
Barrie May	PRO 37	Life Cycle Assessment of Forest and Wood Products in Australia (May 2009)
Peter May	DES 58	Urban Freeway Vegetation Design and Management (November 2003)
Christie Medhurst	CAS 51	Santos Headquarters – 5 Star Green Star CBD Office Tower, Adelaide (May 2008)
Stephen Meyer	PRO 16	Durability of Building Materials – <i>An Introduction</i> (November 2002)
Kevin Miller	CAS 50	Australian Ethical Investment Headquarters, 6 Star Green Star Office Refurbishment, Canberra (May 2008)
Wendy Miller	DES 71	Adjusting Building Thermostats for Environmental Gains – Understanding the Issues (November 2008)
	DES 72	Adjusting Building Thermostats for Environmental Gains – A Pilot Study (November 2008)
Cynthia Mitchell	DES 27	Water Use (August 2005)
Pene Mitchell	PRO 37	Life Cycle Assessment of Forest and Wood Products in Australia (May 2009)
Elizabeth		
Morse-McNabb	TEC 15	Transport, Land Use and Site/Landscape Planning – <i>GIS and Remote Sensing</i> (February 2004)
Neil Mortensen	DES 4	Thermal Mass in Building Design (August 1995, revised May 2006)

## N

Lorina Nervegna	DES 5	Architects and Sustainable Design – <i>A Client Briefing</i> (May 2006)
	NOT 3	The Brundtland Report (1987): Revisiting the Report of the United Nations World Commission on the Environment and Development - <i>Our Common Future</i> (November 2006)
	NOT 11	Ecologically Sustainable Development – <i>Glossary of Terms</i> (May 2006)
	CAS 0	Summary of Case Studies CAS 1–39
Peter Newman	DES 15	Planning for Transit-Orientated Development in Australian Cities (November 2007)
Peter W Newton	GEN 11	2001 State of the Environment Report – <i>Human Settlements</i> (February 2003)
	GEN 77	2006 Australia State of the Environment – <i>Human Settlements</i> (February 2007)
	DES 73	Carbon Emissions from Domestic Appliances (August 2009)
	DES 74	Carbon Emissions from Built-In Appliances (November 2009)
	DES 75	Carbon Emissions from Domestic Local Energy Generation (November 2009)
	DES 76	Carbon Emissions from Dwellings - Transitioning to Zero Carbon Housing (November 2009)
Andrew Nolan	DES 68	An Ecological Design Strategy for the Planning and Development of Healthy Urban Habitat (November 2006)
Patrick Nolan	GEN 29	Waste Minimisation and Building Design Professionals (November 1999, reviewed November 2004)

## O

Andrew Olszewski	DES 46	Urban Forms – <i>The Impact of Transport</i> (May, 2002)
Lesley Onyon	PRO 4	Chemical Risks in the Built Environment – <i>An Introduction</i> (February 1996, reviewed February 2001)
David Oppenheim	GEN 61	Lighting – <i>Best Practice and Sustainability</i> (August 2004)
	DES 1	Energy Efficient Design – <i>A Participatory Approach</i> (May 1995, reviewed August 2000)
	DES 67	Commercial Building Refurbishment – <i>Government Programs</i> (February 2006)
	CAS 35	Lighting at the New Australian Greenhouse Offices (August 2004)

Ceridwen Owen	GEN 40	Implementing Ecologically Sustainable Development (August 2001)
	CAS 53	Conversion of a Heritage Listed Industrial Building – <i>UTAS School of Architecture and Design</i> (August 2008)

## P

Phillip J Paevere	GEN 79	Impact of Indoor Environment Quality on Occupant Productivity and Wellbeing in Office Buildings (August 2008)
Natasha Palich	GEN 20	Sustainability Assessment in the Planning Process – <i>a Local Perspective</i> (August 2007)
	NOT 11	Ecologically Sustainable Development – <i>Glossary of Terms</i> (May 2006)
Laurence Palmowski	GEN 58	Embodied Water of Construction (May 2004)
Harry Partridge	PRO 12	Straw Bale Construction (November 1996, revised, 2001)
Graeme I Pearman	GEN 68	Climate Change and Sustainability (August 2005)
Alan Pears	GEN 13	Greenhouse Gas Emissions and the Residential Sector (February 2007)
	GEN 80	GHG Emission Reduction in Buildings – <i>How Does Emissions Trading Relate?</i> (August 2008)
	GEN 81	GHG Emission Reduction in Buildings – <i>The Need for Further Policy Beyond Emissions Trading</i> (August 2008)
	DES 37	Energy Systems, Appliances and Equipment (August 2000, reviewed August 2005)
Neville Peterkin	CAS 26	Sellick House (February 2002)
Caroline Pidcock	DES 12	Perceived Comfort (November 1996, reviewed, November 2001)
	CAS 8	State Electricity Commission of Victoria (SECV) Headquarters (November 1996)
	CAS 11	Ridgeway Apartments, Adelaide (November 1997)
Don Podd	GEN 76	Electromagnetic Fields in the Built Environment – <i>Design for Minimal Radiation Exposure</i> (August 2006)
Brett Pollard	TEC 29	Double Skin Façades – More Is Less? (November 2009)
Deo Prasad	DES 2	Energy Efficiency in Commercial Buildings (February 2003)
	DES 10	Renewable Energy Generation (November 1996, reviewed November 2001)
	DES 28	Photovoltaics – <i>Architectural Applications</i> (August 2004)
Deo Prasad	CAS 1	Advanced Technology Centre, University of Newcastle (February 1995)
	CAS 2	Solar Energy Information Centre (May 1995)
	CAS 3	Brewarrina Aboriginal Cultural Museum (August 1995)
	CAS 4	Friendly Beaches Lodge (November 1995)
	CAS 5	Nemingha Public School (February 1996)
	CAS 6	Design Faculty Building, University of Newcastle (May 1996)
	CAS 7	Googong Dam Amenities Block (August 1996)
	CAS 12	Armstrong-Mobbs Sustainable House, Chippendale, New South Wales (May 1998)
	CAS 13	Capricorn 151 Display Home (May 1998)
	CAS 14	The Nursing Faculty Building, Callaghan Campus, University of Newcastle (August 1998)
	CAS 15	Newington Village Speculative Housing Development (November 1998)
	CAS 16	Royal Agricultural Society (RAS) Horse and Cattle Pavilions (February 1999)
	CAS 20	Australian Geological Survey Organisation (AGSO) Building (August 2000)
	CAS 37	Prasad House (May 2005)
Emilis Prelgauskas	TEC 21	Applying Expert Opinion to Domestic Building Energy Assessment (May 2007)
	DES 20	Arid Climates and Enhanced Natural Ventilation (February 2003)
	DES 59	Passive Cooling Building Systems (May 2004)
	NOT 12	Entry Portal for Newcomers to the Environment Design Guide (November 2008)
Kerrie Prescott	DES 42	School Buildings in Tropical Climates – <i>Thermal Comfort</i> (May, 2001)
Ray Prowse	TEC 8	Remote Area Power Supply Systems (May 2001)
John Provis	PRO 24	Low CO <sub>2</sub> Concrete: Are we making any progress? (November 2008)
Stephen Pupilli	DES 39	Non-Residential Buildings – <i>Designing, Managing and Retrofitting to Reduce Greenhouse Gas Emissions</i> (August 2005)
Brian Purdey	GEN 67	Green Buildings and Productivity (February 2005)

## Q

Mark Quinn	GEN 54	Quantity Surveying – <i>Understanding Quantification in Delivering Environmentally Sustainable Assets</i> (August 2003)
------------	--------	---

## R

Bruce Rapley	GEN 76	Electromagnetic Fields in the Built Environment – <i>Design for Minimal Radiation Exposure</i> (August 2006)
Allan Rodger	GEN 2	Environmental Design and Architecture (August 2000)
	GEN 7	The Greenhouse Effect – <i>General Considerations</i> (November 2000)
Briony Rogers	CAS 55 A	Urine-Separation and Dry Composting Toilet Trial – <i>Demonstration in a Secondary School</i> (August 2009)
	CAS 55 B	Urine-Separation and Dry Composting Toilet Trial – <i>Agricultural Use of Residues</i> (August 2009)
Rob Rouwette	PRO 37	Life Cycle Assessment of Forest and Wood Products in Australia (May 2009)
Nancy Ruck	DES 6	Daylighting of Buildings (August 2004)
David Rudder	DES 8	Residential Sites – <i>Analysis for Sustainability</i> (November 2000)
	DES 9	Residential Sites – <i>Sustainable Developments</i> (November 2000)
	CAS 4	Friendly Beaches Lodge (November 1995)

## S

Peter St Clair	DES 29	Low-Energy Design in the United Arab Emirates – <i>Drivers and Urban Design Principles</i> (February 2009)
	DES 30	Low-Energy Design in the United Arab Emirates – <i>Building Design Principles</i> (February 2009)
Hugh Saddler	GEN 52	Greenhouse Policy – <i>Implications for Buildings and Building Designers</i> (May 2003)
Vivian Salim	CAS 27	Australian Solutions – <i>Selected Case Studies of Sustainable Accessibility and Transport</i> (May 2002)
Simon Scally	DES 41	Remote Area Building and Ecologically Sustainable Development (May 2001)
Jan Scheurer	GEN 45	Urban Development, Accessibility and Transport in Australia – <i>Facing the Challenge</i> (May 2002)
Dirk A Schwede	DES 69	Mobile Architecture and Built Environment Laboratory (MABEL) – <i>a Building Performance Evaluation Tool</i> (November 2006)
Seongwon Seo	GEN 57	Environmental Design and Assessment Tools – <i>A Guide</i> (February 2004)
	PRO 1	Sustainable Housing Using Lightweight Cellular Concrete (May 2009)
	PRO 37	Life Cycle Assessment of Forest and Wood Products in Australia (May 2009)
Phil Sheppard	TEC 20	Phase Change Materials – <i>Overview</i> (August 2006)
David Shipworth	TEC 7	Operational Energy Minimisation Technologies – <i>An Overview from the Green Building Challenge 1998</i> (February 1999)
Nariida Smith	CAS 27	Australian Solutions – <i>Selected Case Studies of Sustainable Accessibility and Transport</i> (May 2002)
G Soulos	DES 32	Shade Audit – <i>NSW Cancer Council</i> (May 2000, reviewed 2005)
Rory Spence	CAS 29	Forest EcoCentre (November 2002)
Marcus Spiller	GEN 70	Liveable Communities – <i>Fostering Sustainable Cities and Regions</i> (November 2005)
Victor Sposito	GEN 37	Land Resource Assessment (February 2001)
	DES 50	Urban Containment and Sustainability (November 2002)
	DES 66	Vegetation and Habitat Conservation – <i>A Strategic Framework</i> (February 2006)
David Stafford	DES 24	Domestic Wastewater – <i>On-site Treatment and Reuse</i> (February 2005)
Renee Stephens	GEN 14	The Philosophy and Practice of Water Sensitive Urban Design – <i>Is it Consistent with a Whole System Approach?</i> (August 2007)
Jennifer Summerville	DES 71	Adjusting Building Thermostats for Environmental Gains – <i>Understanding the Issues</i> (November 2008)
	DES 72	Adjusting Building Thermostats for Environmental Gains – <i>A Pilot Study</i> (November 2008)

## T

Nicki Taylor	CAS 41	Filter House, Broome, Western Australia (November 2006)
Alan Thatcher	GEN 43	Salinity in Australia (February 2002)
Leena Thomas	DES 60	Commercial Building Facades – <i>Evaluating Advanced Systems</i> (May 2004)
	PRO 19	Commercial Buildings – <i>Advanced Glazing Systems</i> (August 1998, replaced by Des 60 May 2004)
	CAS 1	Advanced Technology Centre, University of Newcastle (February 1995)
	CAS 2	Solar Energy Information Centre (May 1995)
	CAS 3	Brewarrina Aboriginal Cultural Museum (August 1995)
	CAS 42	The Post-Occupancy Evaluation of Passive Downdraft Evaporative Cooling and Air Conditioned Buildings at Torrent Research Centre, Ahmedabad, India (November 2006)
	CAS 45	40 Albert Road, South Melbourne. <i>Designing for Sustainable Outcomes – A Review of Design Strategies, Building Performance and Users' Perspectives</i> (May 2007)

Martin H Thomas	TEC 17	Energy and Power Distribution (February 2005)
ND Thomas	DES 32	Shade Audit – <i>NSW Cancer Council</i> (May 2000, reviewed May 2005)
PC Thomas	DES 60	Commercial Building Facades – <i>Evaluating Advanced Systems</i> (May 2004)
	PRO 19	Commercial Buildings – <i>Advanced Glazing Systems</i> (August 1998, replaced by DES 60 May 2004)
Hedley Thomson	DES 51	Catchment Management – <i>Integrated Natural Resource Management</i> (February 2003)
Stephen Thorpe	DES 58	Urban Freeway Vegetation Design and Management (November 2003)
John J Todd	GEN 16	Environmental Assessment Management Tools – <i>An Overview</i> (February 1998, revised November 2003)
	GEN 34	Urban Air Quality (November 2005)
Jane Toner	GEN 75	Ecotourism Certification (February 2006)
Graham Treloar	GEN 22	Life Cycle Energy Analysis (November 2003)
	GEN 58	Embodied Water of Construction (May 2004)
	DES 35	Building Materials Selection – <i>Greenhouse Strategies</i> (August 2005)
Sarah Truscott	NOT 2	Annotated Bibliography of Environmental Design Publications February 2006)
Selwyn Tucker	GEN 57	Environmental Design and Assessment Tools – <i>A Guide</i> (February 2004)
	PRO 37	Life Cycle Assessment of Forest and Wood Products in Australia (May 2009)
	DES 73	Carbon Emissions from Domestic Appliances (August 2009)
	DES 74	Carbon Emissions from Built-In Appliances (November 2009)
	DES 75	Carbon Emissions from Domestic Local Energy Generation (November 2009)
	DES 76	Carbon Emissions from Dwellings - Transitioning to Zero Carbon Housing (November 2009)
Andrea Turner	DES 27	Water Use (August 2005)
Robert Turner	CAS 22	Energy Performance Contract – <i>Midwestern Area Health Service (MWAHS)</i> (February 2001)

## U

Matthew Ulterino	GEN 17	Urban Planning for Sustainability (February 2004)
------------------	--------	---

## V

Brenda Vale	GEN 18-19	Urban Autonomous Servicing (May 2003)
Robert Vale	GEN 18-19	Urban Autonomous Servicing (May 2003)
	GEN 56	The National Australian Built Environment Rating System (NABERS) (February 2004)
Monica Vandenberg	CAS 45	40 Albert Road, South Melbourne. <i>Designing for Sustainable Outcomes – A Review of Design Strategies, Building Performance and Users' Perspectives</i> (May 2007)
Wendy van Dok	DES 43	Water – <i>Minimising Use in Landscapes</i> (November 2001)
Judy van Gelderen	DES 19	Stormwater Recycling in Landscapes (February 2003)
Jason Veale	CAS 12	Armstrong-Mobbs Sustainable House (May 1998)
	CAS 13	Capricorn 151 Display Home (May 1998)
	CAS 14	The Nursing Faculty Building, Callaghan Campus, University of Newcastle (August 1998)
	CAS 15	Newington Village Speculative Housing Development (November 1998)
	CAS 17	New Directions in Timber – <i>Selected Case Studies</i> (August 1999)
Jason Veale	CAS 40	Clovelly House, East Sydney, New South Wales (August 2006)
	CAS 43	Newcastle CSIRO Energy Centre (February 2007)
Ignatius Verbeek	PRO 26	Steel – <i>An Introduction</i> (November 2002)

## W

Tim Waldock	DES 13	Water Sensitive Design – <i>An Introduction</i> (November 2001)
	DES 14	Water Efficiency – <i>Design Solutions</i> (November 2001)
Andrew Walker-Morison	PRO 7	The Environmental Impact of Building Materials (May 2007)
	PRO 8	Strategies and Resources for Material Selection (May 2007)
	PRO 30	Timber and Wood Products – <i>Applications</i> (November 2003)
	PRO 33	Timber and Wood Products from Environmentally Certified Forests and Plantations – <i>Overview</i> (Revised February 2008)
	PRO 34	Timber and Wood Products from Environmentally Certified Forests and Plantations <i>Background</i> – (February 2008)
	PRO 35	Timber and Wood Products from Environmentally Certified Forests and Plantations – <i>In Australia</i> (February 2008)
	CAS 18	Fairweather Homes – <i>Selected Case Studies Victoria</i> (November 1999)
	CAS 19	A Tale of Two Campuses (May 2000)

Che Wall	DES 36	Integrated Systems Design (August 2000)
Kendra Wasiluk	DES 70	Sustainability Rating Tools – <i>A snapshot study</i> (February 2007)
Chris Watkins	CAS 51	Santos Headquarters – 5 Star Green Star CBD Office Tower, Adelaide (May 2008)
Muriel Watt	TEC 4	Photovoltaic Cells – <i>How they Work</i> (Reviewed August 2003)
Stephen Webb	CAS 36	CH <sub>2</sub> (Council House 2) (February 2005)
John Webster	PRO 21	Timber Building for Durability (May 2005)
Bob Weir	TEC 3	Lighting – <i>Energy Management</i> (Reviewed May 2002)
Stuart White	GEN 41	Sustainable Water Use – <i>An Update</i> (November 2001)
	DES 27	Water Use (August 2005)
Joe Whitehead	DES 24	Domestic Wastewater – <i>On-site Treatment and Reuse</i> (Revised February 2005)
Grant Whitheridge	DES 52	Erosion and Sediment Control (February 2003)
George Wilkenfeld	GEN 33	Greenhouse Gas Emissions – <i>Reduction through Design</i> (Reviewed August 2005)
Dennis N Williamson	DES 64	Wind Farms – <i>Guidelines and Principles for Visual Assessment and Design</i> (May 2005)
Anne-Marie Willis	CAS 24	The Millennium Parklands (August 2001)
Peter Wilson	PRO 28	Architectural Coatings – <i>Managing Environmental Impacts</i> (February 2003)
Tony H F Wong	DES 11	Water Sensitive Urban Design – <i>the Journey Thus Far</i> (August 2007)
	CAS 46	Water Sensitive Urban Design in the Melbourne Docklands – <i>An Overview</i> (February 2008)
	CAS 47	Water Sensitive Urban Design in the Melbourne Docklands – <i>Raingardens and Bioretention Tree Pits</i> (February 2008)
	CAS 48	Water Sensitive Urban Design in the Melbourne Docklands – <i>Wetlands, Storage and Reuse System</i> (February 2008)
Scott Woodcock	GEN 41	Sustainable Water Use – <i>An Update</i> (November 2001)
Karen Wright	GEN 36	The Relationship between Housing Density and Non-Transport Energy Use (May 2007)

## X

Fabiano Ximenes	PRO 36	Timber use in Residential Construction and Demolition (November 2008)
-----------------	--------	---

## Y

John Zwar	DES 54	Water and Landscape Design in Arid Climates (May 2003)
M Zobec	DES 49	Building Services Systems – <i>An Integrated Design Approach to Building Performance</i> (August 2002)