

JUDITH LOUISE RAWLING Managing Director

Certified Practising Ecological Consultant (ECA NSW)

BA • DipEd • Dip EnvStud • MEnvStud • MAIBiol • MEIANZ • MESA • ECA (NSW) Certified Practising Ecological Consultant (ECA NSW)

PERSONAL DETAILS

Name: Judith Louise Rawling
Citizenship: Australian/Canadian
Address: "St Clements", 1238 Bells Line of Road
KURRAJONG HEIGHTS NSW 2758
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CURRENT POSITION

1990 – Present: *Managing Director* – UBM Ecological Consultants Pty Ltd

- Set up *Urban Bushland Management Consultants (UBMC)* in 1990 – a company specialising in planning and consultancy in the field of natural resource management along with “hands-on” contractual work rehabilitating degraded bushland remnants in the urban environment. UBMC was divided in 2000 into UBM Projects (contracting) and UBM Ecological Consultants.
- Management of consultancy and contracting services.
- Provision of consultancy services on bushland management. This includes survey design and implementation, mapping, report writing, advice on the impact of government policies, etc.
- Planning and supervision of the work of 60 field staff, on an average of 30 concurrent projects in Sydney/Wollongong/Central Coast/Blue Mountains.
- Liaison and negotiation with municipal and shire councils and other landholders on contracts and continuing work.
- Preparation and implementation of project budgets, including salaries, equipment purchase, costing of special tasks, etc.
- Course design, field exercise planning and teaching, and other participation in training courses for bush regenerators (NSW TAFE, Adult Education University of Sydney).
- Publicity activities – preparation of newsletter and other publications, displays, speeches to community groups.
- Extensive experience teaching biology and environmental studies in Australia, Canada and Britain and part-time lecturing at a number of universities in Australia.
- Author of numerous publications and conference papers.
- Contributing editor to TAFE publication *Bush Regeneration – recovering Australian Landscapes* (1989)
- Member Accreditation Committee TAFE Bushland Management Courses for former Dept Education & Training

- Employed as a specialist consultant to a number of large firms and corporations, including Sydney Water, Sydney Catchment Authority, Roads and Maritime Service, Landcom & Office of Strategic Lands. Associate consulting to Landscan/DEM, EDAW (Australia), Hyder Consulting, Gutteridge Haskins & Davey, AMBS, Pittenridgh, Shinkfield and Bruce, Brown Smart Consulting, Carson Group, Murlan Consulting, Clouston Associates, Rookwood Necropolis Trust & Bidjigal Reserve Trust.
- Expert Witness Status: NSW Land & Environment Court
- 2000 Winner of Hills Excellence in Business Award for Excellence in Environmental Management & Contribution.
- Nominee for the Eureka Prizes (Excellence in Scientific Research), an honour which recognises contribution to the field of Restoration Ecology.

COMMITTEE AND OTHER MEMBERSHIPS

Professional Memberships

- Member, Environment Institute of Australia and New Zealand 1993 – present
- Member, Australian Institute of Biology, 1991 – present
- Member, Ecological Society of Australia 2006– present
- Member, Weed Society (NSW) 1986 -2000
- Member, National Trust of Australia (NSW) 1986 –present
- Member, Australian Garden History Society 2000 - present
- Ecological Consultants Association (NSW), Council Member 1999–present, 2008/10 Vice-president, Member of the Executive Council 2003 -2010, 2012.



Committee Memberships

- Member, Hawkesbury–Nepean Catchment Trust: Revegetation Steering Committee 1994 – 1996
- Member, Lane Cove Catchment Management Committee – 1990 – 1996
- Member Cattai Catchment Management Committee 1998 – 2000
- Discovering Alternatives to Garden Escapes ('Grow Me Instead') Steering Committee, for Nursery & Garden Industry Association 2003 - 2005
- Member, Hawkesbury Rainforest Network – Executive Member 2001-2015
- Member, NSW Noxious Weeds Advisory Committee to the Minister, Department Primary Industries, 1993 – 2012

EMPLOYMENT HISTORY

1989 – Present **Various TAFE Colleges**

Guest Lecturer

1995 **University of Western Sydney**

Part Time Teacher

1993 – 1995 **University of Sydney**

Part–time Teacher, Continuing Education

1986 – 1990 **National Trust of Australia (NSW Division)**

Bush Management Officer

- Responsible for the planning and management of the Trust's Bush Management Program.

1989 **University of Technology, Sydney**

Guest Lecturer, School of Biological Sciences

1985–86 & 1988–89 Macquarie University

Part-time Tutor Environmental Studies.

1964–1985 Sydney, Canberra, Oxford, London and Montreal

Teacher, Senior Biology and Science

- Design and implementation of new courses in the ACT secondary system, including those for tertiary accreditation
- Environmental education field trips throughout the ACT and the Sydney region, and to the Barrier Reef, the Snowy Mountains area, and Central Australia
- Supervision of graduate teacher trainees. Mentor program.

EDUCATIONAL QUALIFICATIONS

1989 Macquarie University Sydney

▪ **Master of Environmental Studies**

Thesis title: The Ecology and Distribution of Pampas Grass (*Cortaderia selloana*) in Sydney Bushland

- **Concurrently** with Masters Degree studies (1984–87) undergraduate courses at Macquarie University: Introductory Statistics, Plant Structure and Function, Introductory Ecology.

1982 – 1983 Macquarie University Sydney

▪ **Diploma in Environmental Studies**

- Courses completed: Principles of Environments, Chemicals in the Environment, Aspects of Urban Ecology, Natural and Managed Ecosystems, Environmental Impact Assessment, Environmental Policy and Law, Social Impact on Environments, Australian Ecosystems

1971–72 Canberra College of Advanced Education Canberra

▪ **Graduate Diploma in Education**

1969–70 and 1976 Australian National University Canberra

- Courses completed: Vertebrate Ecology, Animal Ecology, Theoretical Zoology, Animal Behaviour and Human Ecology.

(NOTE: All the above studies were completed part-time while in full-time employment)

1961 – 1964 University of Ottawa Canada

▪ **Bachelor of Arts**

- Studies in English, French, Philosophy, Biology, Classics, Mathematics

LICENSES

- National Parks & Wildlife Scientific License Section 132C, NP Act 1974. Licence No. SL100315
- Class C Drivers License

ADDITIONAL TRAINING

- Bush Fire Personnel Basic Training Program – ACT Bush Fire Council
- Alpine Ecology Course – Department of Conservation and Natural Resources, Falls Creek, Victoria
- Human Resource Management – University of Sydney, Centre for Continuing Education
- Botany and Ecology of the Sydney Region – University of Sydney, Centre for Continuing Education,
- Chainsaw Use and Maintenance
- Seed Collection Workshop, Ku-ring-gai Municipal Council
- Eucalypt Identification Course, OEH

JACQUELINE BRITTON Ecologist

PERSONAL DETAILS

Name: Jacqueline Britton
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Email: jacqueline@urbanbushland.com.au



CURRENT POSITION

2017 – Current: *Ecologist* – UBM Ecological Consultants Pty Ltd – Kurrajong Heights, NSW

- Collaborative flora and fauna surveys and habitat assessment;
- Desktop analysis and background research;
- Report preparation;
- GIS mapping and spatial data analysis;
- Operation of monitoring equipment in the field, including camera traps, acoustic recorders, and ultrasonic recorders.

LICENCES

- Construction Induction - White Card

EDUCATION

2007-2011 B Env Sci (Land & Water), Charles Sturt University, Wagga Wagga
1996-1997 Advanced Diploma in Graphic Design

ADDITIONAL TRAINING

2022 Senior First Aid Certificate
2020 Identification Intensive: plant communities associated with Sydney Shale (Peter Mobbs)
2019 Biodiversity Offsets Scheme Accredited Assessor Training (Muddy Boots)
2018 ArcGIS for Environmental Management (TAFE NSW)
2018 Eucalypt Identification Workshop (Van Klaphake)
2018 Cumberland Plain Vegetation and Site Assessment for Monitoring (Teresa James)
2018 Threatened Species of The Hills Shire Council (Theresa James)
2018 Grass Identification Workshop (Harry Rose)
2012 Botanical Intern for The Australian National Herbarium (Centre for Australian National Biodiversity Research), Canberra

RECENT EMPLOYMENT HISTORY

2020-2021– Research Assistant/Team Leader (part-time), Hawkesbury Institute for the Environment, Western Sydney University

- Study on the recovery of Western Sydney bushland (Castlereagh Woodlands) from fire.
- Undertaking plot-based floristic surveys (20 x 50m) per the NSW Biodiversity Assessment Method.

2020 – Cattai Aware Project Officer (part-time), Cattai Hills Environment Network / Western Sydney University (6-month government grant)

- Writing environmental educational resources;
- eDNA platypus water sampling: organise volunteers, site selection, eDNA sampling, habitat assessment;
- Report preparation.

VOLUNTEERING

Current – Bushcare

2011-Current – Capertee Valley Regent Honeyeater Recovery Group, NSW

Tree planting to restore habitat for endangered Regent Honeyeater

AWARDS

Dr Robert Ballantyne Australian Entomological Supplies Prize for the highest aggregate mark in Animal Systematics, Charles Sturt University.

Rebecca Sutton Ecologist

PERSONAL DETAILS

Name: Rebecca Sutton
Phone: 0434 147 539
Email: rebecca@urbanbushland.com.au



CURRENT POSITION

2021 – Current: *Ecologist* – UBM Ecological Consultants Pty Ltd – Kurrajong Heights, NSW

- Collaborative flora and fauna surveys and habitat assessment;
- Desktop analysis and background research;
- Report preparation.

EDUCATION AND TRAINING

2021 AQFIV Chemical Risk Management, *ChemCert*
2021 Certificate IV in Work Health and Safety, *The Change Network*
2017 Certificate III in Conservation and Land Management, *McLeod Training*
2016 Ecological Bushfire Management, *TAFE NSW*
2015 Identification - Birds of Western Sydney, *TAFE NSW*
2015 WHS White Card, *Aveling*
2011-2014 Bachelor of Science: Environmental Science,
Double major in General Biology and Conservation Biology,
University of Western Sydney

EMPLOYMENT HISTORY

March 2020 - Nov 2021: *Bush Regenerator Project Manager and Ecologist* – Undercover Group – Greater Sydney, Blue Mountains and South Coast, NSW

Preparation of progress and monitoring reports, attending tender meetings, compiling quotes for new works and variations, flora/fauna surveys as well as managing communication and collaborating with various stakeholders such as clients, community members and colleagues.

Managing and guiding a small team of natural area regenerators in a variety of projects involving creek restoration, bank stabilisation, erosion control, APZ works, large scale revegetation, flora and fauna surveys and general bush regeneration.

2015 - 2020: *Supervising Bush Regenerator* – Total Earth Care – Western Sydney and Blue Mountains, NSW

Team leader of a bush regenerator crew for a variety of projects and sites throughout Western Sydney.

Active member of the Work Health and Safety Committee which involved in developing, implementing, reviewing and updating WHS policies, plans and procedures.

Feb - Aug 2015: *Bush Regenerator* – Green Army – Hawksbury, NSW

Six-month project as bush regenerator mainly focusing on Cats Claw Creeper (*Dolichandra unguis-cati*) and Lantana (*Lantana camara*) on various private and public properties throughout the Hawksbury.

MARK SHERRING Botanist

PERSONAL DETAILS

Name: Mark Sherring
Email: marksherring2@gmail.com



EDUCATIONAL QUALIFICATIONS

- NPWS Licence B2174
- Certificate of Permaculture (Hazelbrook)
- Senior First Aid Certificate (TAFE NSW)
- Bushfire Assessment Certificate (Planning Institute of Australia)
- Bushfire Operations Modules (Mt Riverview Fire Brigade)
- Certificate of Rural Operations (TAFE NSW)
- Certificate of Bush Regeneration (TAFE NSW)
- Certificate of Horticulture (TAFE NSW)
- Bachelor of Mathematics (Statistics), University of Newcastle

MEMBERSHIPS

- Member of Australian Association of Bush Regeneration (MAABR)
- Previously member of Ecological Society of Australia (ECA)

EMPLOYMENT HISTORY

1999 - Current **Abel Ecology Pty Ltd**

Ecological modelling, statistician and botanist.

1999 - Current **Royal Botanic Gardens, Sydney**

Extensive flora surveys of Sydney Basin and Blue Mountains.

1996 - 1999 **A & S Bushcare Services, North Katoomba**

Regeneration contractor and vegetation mapping.

1991-1995 **National Trust, Greening Australia**

Bush Regeneration.

PROFESSIONAL DEVELOPMENT

2017 – Biodiversity Assessment Method (BAM) Course, Dubbo

2007 – Annual Conference of the Ecological Society of Australia, Perth

2006 – The ins and outs of Biobanking, ECA Conference, Katoomba

2006 – Wildlife Corridors, ECA Conference, Sydney

2006 – Conservation and Restoration of the Cumberland Plain, CPW Symposium, Western Sydney University

2005 – Meeting the Challenge: Understanding Endangered Ecological Communities, ECA Conference, Sydney

2005 – Symposium on Cumberland Plain Habitats

2004 – ESA Conference, Adelaide

2004 – Survey Techniques: Towards Industry Standards for Flora & Fauna, ECA Conference, Sydney.

2003 – ESA Conference, Armidale

2003 – Training course for planning consultants for accreditation with the NSW Rural Fire Service as a bushfire protection consultant. (Jointly held by the Planning Institute Australia & RFS)

2002 – Conservation of Ecological Communities, Mt. Annan Botanic Gardens

2001 – Threatened Species & Eight-part Test Guidelines Conference, NPWS, Canberra

JAYDEN WALSH Wildlife Ecologist

PERSONAL DETAILS

Name: Jayden Walsh
Mobile: 0412 088 754
Email: jaydenwalsh98@gmail.com

EDUCATION AND TRAINING

Bachelor of Biodiversity and Conservation, Macquarie University

EMPLOYMENT HISTORY

Casual Wildlife Ecologist EMM Consulting: February 2018-present

In February 2018 I was hired as a casual wildlife ecologist for a large national Consultancy. The first project I was involved with was surveying for Threatened amphibian species for the Mona Vale Road Upgrade (Red-crowned Toadlet and Giant Burrowing Frog) and providing expert advice for impact mitigation. The second project I have been heavily involved in was conducting threatened Amphibian, Bird, Mammal, Reptile and Flora surveys for Snowy Hydro 2.0. I completed 10 weeks of 10+ hour days on the Snowy Hydro 2.0 project with 3 weeks focused exclusively upon the Booroolong Frog. This highlights that I am well recognised in the field to be offered a position at such a young age and I have industry experience in fauna surveying at a professional level. Other recent projects have included the multi-billion dollar Moorebank Intermodal Terminal Project and Amphibian surveys at Luddenham Quarry.

Casual Wildlife Ecologist Ecologique – June 2018-present

Initially, I was contracted to undertake fauna surveys on behalf of Ecologique for Sydney Airport including Avian, Herpetofauna, spotlighting and Anabat surveys. In the 2 days I assisted many new species were found that had not been recorded in the previous 3 years of surveying. I have since worked on projects in Western Sydney undertaking Biodiversity surveys involving Hair traps, Microchiropteran Surveys, Spotlighting transects, Bird Surveys, Amphibian Surveys and Endangered Snail Surveys which resulted in the finding of several individuals of the Endangered Cumberland Plain Land Snail.

Casual Wildlife Ecologist Narla Environmental – March 2019-present

I have undertaken many surveys of Biodiversity stewardship sites, RFS trail alignment sites and other small-scale developments and successfully found new populations of the Cumberland Plain Snail, Red-backed Buttonquail, Dusky Woodswallow, Glossy-black Cockatoo, Little Lorikeet along with other declining fauna such as the Thick-tailed Gecko and Bibron's Toadlet.

Freelance Ecologist October 2019-present

I have an ABN and have recently completed the first comprehensive long-term fauna survey on Bangalley Headland for Pittwater Natural Heritage Association. In October 2020 I was sub-contracted to complete comprehensive baseline surveys for the Cumberland Plain Restoration Project jointly managed by Greater Sydney Landcare, NSW NPWS, Hawkesbury Council, Liverpool Council and Conservation Volunteers Australia at various sites across Western Sydney.

Casual Educator Coastal Environment Centre: February 2019-April 2020

This role involved delivering presentations and leading tours for Northern Beaches council to many Community Groups, Families and School Groups. This role is crucial as community engagement plays a huge role in species conservation, by delivering memorable experiences that forge a connection

between People, Wildlife and wild places. I have conducted both Spotlighting and Birdwatching tours since February 2019 in addition to tours led and co-led prior to being an employee.

Wildlife Tour Guide: 2014-present

I've assisted with and run over 100 Paid and Voluntary Birdwatching and Spotlighting tours on behalf of numerous conservation groups all across NSW including Conservation Volunteers Australia, Taronga Zoo, Pittwater Council, Warringah Council, Birding NSW, CBOC, Coastal Environment Centre, Friends of Narrabeen Lagoon Catchment and Pittwater Natural Heritage Association providing me with organisational, quick thinking, public-speaking and people skills and demonstrating my ability to find wildlife and present the relevant information in an engaging and enthusiastic manner.

Wildlife Lecturer/Educator: 2015-present

I've been contracted to present multiple lectures regarding wildlife across Sydney both as a freelance and through Gumnut Naturalist – a wildlife education organisation that I co-direct. Most notable of these was the presentation on "The Wildlife of Ku-ring-gai Chase National Park" which was a fully booked out event with 90 people attending. I have been contracted to lecture to: Manly Selective Campus, Pittwater Natural Heritage Association, Taronga Zoo, Wildthings NSW, Northern Beaches Council, Birding NSW (Sydney and Central Coast Chapter), Australian Plants Society (Northern Beaches + North Shore Chapter), Friends of Narrabeen Lagoon Catchment, Stony Range Volunteers and have presented evidence at a Land and Environment Court onsite meeting at Beacon Hill.

VOLUNTEERING

Taronga Zoo/Birdlife Australia Regent Honeyeater Captive Release Program

In 2014 I assisted with the release of approx. 40 captive bred Regent Honeyeaters at Chiltern-Mt Pilot National Park in Victoria. The small team that I was a part of was responsible for the installation and maintenance of soft-release aviaries, UHF radio-tracking of the birds once released and community engagement to raise awareness of Threatened Woodland Birds.

Friends of Narrabeen Lagoon Catchment Committee Member 2017-present

I am on the committee of FONLC in order to negotiate with LGA councillors and other community groups in order to have the best outcomes possible for the catchment primarily focused around conservation of wildlife and habitats. This is primarily done through the use of LEP guidelines.

NSW National Parks & Wildlife Service (Volunteer): 2016-present

I regularly volunteer with NSW National Parks and Wildlife Service assisting them with installation and monitoring of Infrared Cameratraps to detect endangered species. This gives me experience in working in a small group for extended periods – up to 8 hours at a time - of time.

Office of Environment and Heritage (Volunteer): 2017-present

This position requires me to meet deadlines in analysing and correctly identifying images. I am required to work for extended periods of time in a formal office setting providing me with skills to mould into any work environment and take responsibility for my own work and actions.

Mullet Creek Herpetofauna Surveys

During February 2018 I assisted as a fieldwork volunteer for *Coastwide Marine Consulting Environmental Management and Ecological Services* in the Upper Mullet Creek Herpetofauna surveys. We conducted both diurnal and nocturnal transects over 4 separate days finding several locally significant species and 1 Threatened Amphibian species – namely the Giant Burrowing Frog.

Birdlife Australia Regent Honeyeater and Swift Parrot Survey Leader

Since 2016 I have participated as a volunteer in the Regent Honeyeater and Swift Parrot survey weekends on the Northern Beaches of Sydney assisting other volunteers to learn about Threatened Woodland Birds.

Taronga Zoo Bird Festival Leader (Volunteer): September 2014 and 2015

This involved leading guided Tours around Taronga Zoo. This allowed me to utilise organisational skills by ensuring the group got the most out of the tour. From it I gained approachability, planning skills and an ability to meet time requirements.

YATZ member at Taronga Zoo (Volunteer): April 2013- April 2017

I was a member of Taronga Zoo YATZ for 4 years recruiting over 500 hours of service. This volunteer work covered a broad spectrum of activities including leading days, making presentations, interacting with the public and helping out with directions requiring me to be confident and quick thinking.

Fauna Surveying Experience

I regularly travel for Wildlife Watching all over Australia and have experience in finding over 1000 Australian Tetrapods. I am the current NSW Big Year record holder surpassing the previous record by 30 species. In addition to previously listed specific surveys, since 2013 I have personally conducted targeted fauna surveys for numerous fauna species in the Sydney Basin. Surveys for threatened species have been conducted numerous times per week for the past 7 years and have led to the successful detection of all 4 large forest owls, numerous new breeding sites for Red-crowned Toadlet & Giant Burrowing Frog, 60+ records of Eastern Pygmy Possum through active searching, Black Bittern on 200+ occasions, 5 new sites for Large-footed Myotis, all Threatened Raptor species of the Sydney Basin, 150+ records of Glossy Black-cockatoo, 3 records of Southern Brown Bandicoot, 4 records New Holland Mouse and many more. I am well known and respected for my ability to detect wildlife often overlooked by others due to my acute hearing, passion and willingness to go where others physically can't. I have been involved in many systematic surveys during this time using transects and area searches as well as many informal and opportunistic surveys.

Bionet NSW and Mapping Skills

I have been regularly submitting records to Bionet NSW since 2015, predominantly of Threatened Species but also species which are locally uncommon. When I'm not searching for threatened species in the field, I search through records of species on Bionet NSW and the Atlas of Living Australia. To find likely new populations of species I use SIX Maps and NearMaps to locate the most high-quality habitat for the desired target species. This has resulted in me successfully finding new populations of both State and Federally listed Threatened Species & range extensions for numerous species.

I am also a member of Frog and Tadpole Study Group, Australian Herpetological Society, Pittwater Natural Heritage Association, Wildthings NSW and Friends of the Narrabeen Lagoon Catchment.

AMANDA LO CASCIO Anabat Analyser

PERSONAL DETAILS

Name: Amanda Lo Cascio
Mobile: 0423 629 084
Email: mandalocascio@gmail.com



EDUCATIONAL QUALIFICATIONS

- **Masters of Environment (Conservation), Melbourne University**
- **Bachelor of Science (Zoology), Melbourne University**

MEMBERSHIPS/LICENCES

- Ecological Consultants Association (NSW)
- Scientific Licence QLQ (EPA) & NSW (DECC)
- Australian Bat Society
- NPWS Scientific Licence Section 132C, NPW Act 1974
- Environment Protection Agency Queensland Scientific Licence NCA and the Forestry Act 1959

EMPLOYMENT HISTORY

2010 - Current Ecological Support (under own ABN)

GIS Support, Anabat echolocation call data interpretation, report writing, flora and fauna database design and analysis, background research.

2012 - Current Melbourne University

Research Assistant Grade 1; Data interpretation and coding, discourse analysis, research paper writing and editing, literature and data review.

2009-2010 AECOM

Field Biologist

2007-2009 University of Queensland

Research Officer – Academic Research Level A1

2005-2007 UBM Ecological Consultants Pty Ltd

Research Officer

PUBLICATIONS

Martine Maron, McAlpine, Clive, Smith, Carl, Smith, Geoff, Bowen, Michiala and Lo Cascio (2009). Bayesian networks for restoration planning: Can they be extrapolated to the bioregional scale?. In 10th International Congress of Ecology, 16-21 August 2009, Brisbane, Australia.

Lo Cascio, A and Beilin, R, 2010. Of Biodiversity and boundaries: a case study of community-based natural resource management practice in the Cardamom Mountains, Cambodia. *Environmental Conservation*. 37 (3): 347-355.

PROFESSIONAL DEVELOPMENT

2009-2010 – Database & GIS Training (ESRI)

2008 – GIS Training (University of Queensland)

2008 – Plant Identification Training (University of Queensland)

2008 – Advanced Remote Sensing (Centre for Remote Sensing and Spatial Information Science, University of Queensland)

2007 – Access Database Staff Training Course (University of Queensland)

2006 – Microbat Anabat Workshop (ECA)

2006 – Wildlife Corridor Concepts (ECA)

2005 – Threatened Species Reforms Presentation (Department of the Environment and Conservation, NSW)

2005 – Meeting the Challenge: Understanding Endangered Ecological Communities (ECA)

2005 – Rehabilitation of Native Vegetation Workshop (Australian Network for Plant Conservation)

2005 – The Ecology and Management of Cumberland Plain Habitats: A Symposium (Western Sydney University)

2004 – Fauna and Flora International, Cardamom Mountains Cambodia: Community researcher, an investigation of the potential of Community Based Natural Resource Management for livelihood improvement and biodiversity conservation

2004 – Prey Veng, Cambodia: Science and English teacher Faculty of Agriculture

2003-2004 – Melbourne University Zoology Department: volunteer

2003 – National Woodlands Summit Sydney, representative

2003 – ‘Up Skill’ Courses (Melbourne University)

2002-2004 – Friends of the Earth (FoE) Melbourne: Volunteer, Barmah-Millewa Campaign

2002 – Cities as Sustainable Ecosystems, assistant scribe

2000 – Camper Outreach Program East London: Organic Gardening Teacher