

DANIAL Lawton

ENVIRONMENTAL ENGINEER & CONSULTANT

0404 887 452



daniel@daniallawton.com



Brisbane, Australia



Linkedin.com/in/daniallawton-56062b61



EDUCATION

MASTER OF ENGINEERING

MAJOR IN ENVIRONMENT

Griffith University, 2012

MASTER OF ENVIRONMENTAL MANAGEMENT

Griffith University, 2006

BACHELOR OF ENVIRONMENTAL SCIENCE

MAJOR IN ECOLOGY &
CONSERVATION BIOLOGY | LAND &
WATER MANAGEMENT
Griffith University, 2005

CERTIFICATES

Diploma of Permaculture

Awarded in Site Development,
Site Design & Research
Permaculture *Institute of Australia*
2000

Permaculture Design Certificate

Permaculture Institute of Australia
1997

Permaculture Design Certificate

*CIBT Rainforest Information
Centre, Ecuador*
1994

PROFILE

Motivated by my passion for the environment. I am experienced in delivering high quality, highly technical, timely environmental solutions.

An environmental leader instilling vision and collaboration. Growing communities and creating positive change through project planning, project approvals, assessments, environmental management techniques, legislative compliance and reporting.

PROFESSIONAL EXPERIENCE

Present

2012

SENIOR ENVIRONMENTAL & PERMACULTURE

CONSULTANT | ENGINEER / *Permaculture Consultancy*

A visible leader, experienced in delivering valuable environmental impact assessments. Leading a team, engaging with industry through open dialogue, building relationships while establishing common understandings of submission expectations.

- Developed 5000Ha Central Asia, Kazakhstan, property site into a sustainable community and an environmental water harvesting earthworks. Designing dam, swales and gabion site specifications. Preparing tree species documentation for the revegetation of the disturbed earthworks.
- Yemen project, Ministry of Agriculture and Irrigation. Budget of \$3.5Million US over three years. Combatting desertification and land degradation, with fully integrated natural systems strategy. As Plant Specialist I was responsible for developing plant species list. While designing planting guidelines, planting strategy, planting timeframes over a quarter of the country. Developing the plant systems for implementation after earthworks from high land to sea level. Using a minimum five layer and twelve species tree system.
- Aboriginal Hostel in Wadeye N.T for the Australian Government, implementing Earthworks hydrology.
- Developed 15Ha Organic Pig Farm. Inland Maclean, NSW. Project planning the implementation of edible plants for pigs. Driving the five-year plan to achieve 95% food self-sufficiency. Developing over 80 species for the food forest system.
- Specialist in advanced environmental statistics, earthworks hydrology, solid waste management, hazardous waste management, water and waste treatment, renewable energy systems, geographic information systems and wetland systems management.

LICENSES

Heavy Rigid Truck License
2001

Forklift License
2001

Recreational Boat License
1996

TECHNICAL SKILLS

Registered Teacher
The Permaculture Research
Institute of Australia
PRI Teacher Number 35

ISO 14001
Trained

PUBLICATIONS

THE TOOLS BOOK BY DK
The Australian artesian specialist in
agricultural hand tools
www.penguin.com.au/books/the-tool-book-9780143769866

**THE PERMACULTURE STUDENT &
THE PERMACULTURE STUDENT 2**
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Permaculture earthworks specialist
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VOLUNTEERING

Costa Rica
Earthworks, Hydrology, Erosion
Control, Plant Systems Research
Ecuador
Sustainable Communities

PROFESSIONAL EXPERIENCE (CONTINUED)

Present
2012
DIRECTOR / *Permaculture Tools*

Founder of Permaculture Tools. Developer of handmade agricultural hand tools, supplied globally. Working in third world countries on environmental projects developed my passion to commercialise marketable third world style handmade agricultural tools.

- Key stakeholder engagement developing collaborations with Permaculture Research Institute, Permaculture Association, Permaculture Australia and GeoffLawtonOnline. Developing brand awareness, increasing sales through a detailed marketing plan and sales pipeline.
- Entered the US marketplace through franchisee model
- Doubling online sales, using student discount and GeoffLawtonOnline collaboration
- Manufacturing commercial product offshore. Planning and directing actives.

2012
2008
FARM MANAGER / *Zaytuna Farm Permaculture Research Institute Australia*

Shaping multi-disciplinary teams as Farm Manager. Overseeing sustainable farming and environmental education farming. Responsible for teams of 10 to 30 people. Managing daily farm operations while directing workers, volunteers and students.

- Teaching select courses to groups of students. Courses included four, 2-week courses and three, 3 month courses per year.
- Commercial management. Developing procedures and techniques for solving agricultural problems and improving the efficiency of production
- Teaching techniques for improving the production of crops, livestock and alternative agricultural options.
- Studying environmental factors affecting commercial crop production, pasture growth and animal breeding.
- Investigating, planning and implementing management procedures to cope with the effects of fire, floods, drought, soil erosion, insect pests and diseases.



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[INSTAGRAM.COM/permaculturetools](https://www.instagram.com/permaculturetools)



[TWITTER.COM/PermaTools](https://twitter.com/PermaTools)



[PINTEREST.COM/PERMATOOLS](https://www.pinterest.com/PERMATOOLS)

PROFESSIONAL REFERENCES

CHRIS CAMERON
Director

Rockcote Enterprises Pty Ltd
0407 694 696

BOB CAMERON
Director

Rockcote Enterprises Pty Ltd
0412 713 180