



Land & Fire Assessments Pty Ltd

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Company Profile – Ecology Expertise

Land & Fire Assessments Pty Ltd (LFA) specialises in **ecological assessments, environmental constraints identification and monitoring, and ecosystem management and restoration.**

Qualifications

LFA staff have **34 years of combined experience in the ecological assessment & management industry.** Tony Coyle holds a Bachelor of Applied Science and Certificate II: Natural Area Restoration. Paola Rickard holds a Bachelor of Applied Science and Bushland Regeneration Certificate.

High Quality Expertise

Expertise gained over many years working on **ecosystem restoration projects and flora and fauna surveys,** allows LFA staff to provide a broad range of ecosystem assessment and management services including the following:

- Detailed flora and fauna surveys
- Identification of threatened species and their habitat, and Endangered Ecological Communities (EECs)
- Pre-clearing surveys
- Tree removal supervision
- Ecological monitoring and reporting
- Assessment of findings according to relevant planning controls and environmental legislation



In NSW, assessment of impacts concerning threatened species is required to comply with s.5AA of the *Environmental Planning and Assessment Act 1979*, also known as Assessments of Significance. Under the Commonwealth *Environmental Protection and Biodiversity Conservation Act 1999*, a similar threatened species test of significance is prescribed. LFA staff **have undertaken numerous threatened species assessments pertinent to NSW and/or Commonwealth legislation.**

LFA staff have many years of experience preparing **ecological restoration management plans**, and can also develop **landscape plans** that blend ecological restoration principles with landscape planting design. Examples of ecological assessment projects undertaken by LFA staff include:

- **Richmond Valley Council** – Establishment of Salty Lagoon Ecosystem Monitoring Program; Review of Environmental Factors (REF) for installation of a table drain at Evans Head.
- **RMS** – Ecological assessments/REFs; upgrade of the Pacific Highway at Martells Road intersection (south of Urunga), Karangi Quarry (west of Coffs Harbour), Quipolly Creek Bridge abutment Repairs (south-west of Tamworth)
- **Southern Cross University** – Flora and fauna assessments for 60 ha site for a proposed residential subdivision, Lismore, NSW; and 2 ha site for a proposed commercial development, Gold Coast, QLD.
- **South Ballina Group** – Rehabilitation and Offset Management Plan (ROMP) for 30ha compensatory habitat and ongoing Monitoring and Evaluation reports of the ROMP, South Ballina, NSW.
- **Tweed Shire Council** – Compilation of Remediation & Rehabilitation Plan Charles Bay Foreshore Reserve, Terranora Broadwater, South Tweed Heads.



Industry Membership and Networks

LFA staff hold **relevant NSW & QLD licences to undertake Flora and fauna surveys** and are members of the Ecological Consultants Association of NSW (**ECA**), Australasian Network for Ecology and Transportation (**ANET**), Australian Association of Bush Regenerators (**AABR**), Birdlife Australia (including various subgroups) and **WIRES**. LFA staff have a well-established network of industry professionals that can be draw upon when required.

Staff Profile and Contact Details

Tony Coyle



Environmental Scientist/Ecologist

*Bachelor of Applied Science, Major: Environmental Resource Management
Certificate II: Natural Area Restoration*

Managing Partner - Land & Fire Assessments Pty Ltd

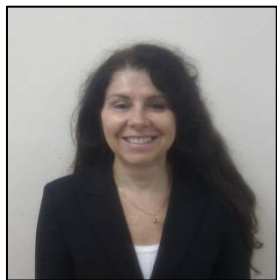
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Tony has over **fourteen years' experience** in the environmental resource management industry, during which time he has developed and maintained a range of skills and expertise. Tony has extensive experience in **ecological impact assessment, monitoring and natural area restoration**.

Tony has also worked for four years as a **ranger for Western Australian Department of Environment and Conservation**. He has worked on **large, long-term projects** such as the development of the Coffs Harbour Water Supply Project, and a number of **ongoing monitoring projects associated with various mines and quarries** in north-eastern NSW and south-eastern QLD. Tony has undertaken various **ecological assessments for small infrastructure upgrades** for RMS, Essential Energy and local councils, as well as undertaking **ecological assessment work** on various sections of the **Pacific highway upgrade**, including the Ballina Bypass project where Tony undertook specific assessments for specific threatened species. More recently, Tony was involved in **pre-clearing surveys** on the Devils Pulpit Upgrade, south of Woodburn targeting a range of **threatened species including the Koala, Yellow-bellied Glider, Powerful Owl and a number of threatened frogs**.

Paola Rickard



Senior Environmental Planner/Project Manager

*Bachelor of Applied Science, Major: Environmental Resource Management (Dist.)
Bushland Regeneration Certificate (with Distinction)
Graduate Diploma in Design for Bush Fire Prone Areas with Distinction
Accredited Bushfire Practitioner BPAD-Level 3*

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Paola has had over **twenty years** of experience in the environmental resource management and assessment industry, specialising in **Environmental Planning (environmental legislation), Environmental Impact Assessment and Management**, Bushfire Assessment and Bushfire Prone Areas Design, **compilations of REFs**, landuse/property management planning, **ecosystem management and restoration, bush regeneration and vegetation assessment**.

Paola has thorough and **extensive knowledge of ecological surveys, ecological impact assessments and revegetation works monitoring and reporting**. She has also written many **restoration management plans and lead teams undertaking restoration work** in High Conservation Value (HCV) areas. For instance, she has prepared **21 Summary Action Plans** for selected HCV properties in the Tweed undertaking restoration works and **Rivercare management plans** for two headwater tributaries of the Clarence River. Paola, prior to working in private consultancy practices, has worked in several positions with the former Department of Natural Resources including as **Vegetation Planner**, Community Liaison Officer and Project Officer and with Lismore City Council preparing **landscaping plans and undertaking Species Impact Statement**.

