



ECOLOGY
NEW ZEALAND



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1 About Us

Ecology New Zealand is a leading provider of professional ecological services throughout New Zealand. Our focus is on providing our government and private sector clients with the ecological expertise required to meet RMA requirements as efficiently as possible. We are driven by our core passion to protect New Zealand's unique biodiversity and environment for future generations, while providing for sustainable growth and development.

Our team boasts ecologists with specialist expertise in terrestrial, aquatic and restoration ecology. As a result we are able to provide lead support from the initial project feasibility stage through to preparing ecological assessments, and both developing and implementing site specific management plans. We have developed significant expertise in assessing and managing the environmental effects of land and infrastructure development from small-scale subdivisions up to roading projects of national significance.

Ecology New Zealand have the necessary Department of Conservation permits, qualifications and experience to design and implement fauna assessments, management plans and mitigation programmes. Our team are able to cover off highly specialised project requirements involving native birds, bats, lizards, frogs and fish.

We are future thinkers who develop pragmatic solutions to environmental challenges. Our team seek to utilise modern technological advances, and have such embraced the new age of drone technology (Unmanned Aerial Vehicles or UAV's). This technology has proven to provide us with new insight into ecological assessments, access areas inaccessible by foot, and provide high resolution mapping of key ecological features.

2 Terrestrial Ecology

Ecology New Zealand's terrestrial ecologists are leaders in their field and have extensive experience undertaking all means of terrestrial vegetation and wildlife assessments, surveys and management. Our ecologists are permitted by the Department of conservation to undertake specialist wildlife surveys, monitoring and relocations.

- Ecological Assessment of Effects
- Feasibility and due diligence investigations
- Botanical assessments, surveys and mapping
- DOC recognised and permitted herpetologists and bat ecologists
- Wildlife habitat assessments and Management Plans
- Wildlife monitoring, surveys and relocations
- Threatened species management
- Conservation lot subdivision assessments



3 Aquatic Ecology

Ecology New Zealand's aquatic ecologists tackle aquatic assessments and management following developed industry best practice methodologies. Our team utilise their national and international skill set to develop practical aquatic solutions.

- Ecological Assessment of Effects
- Feasibility and due diligence investigations
- Stream Ecological Valuations (SEV)
- Water quality assessment and management
- Wetland assessment and management
- Ecosystem service assessment
- Flood management
- Fisheries modelling and mapping
- Fish monitoring, surveys and relocation
- Fish pass design and implementation

4 Restoration Ecology

Ecology New Zealand utilises our teams expertise across the ecology and biosecurity industry, to develop practical site-specific restoration plans aimed to deliver robust biodiversity outcomes. We offer a seamless integration to both prepare and manage the in-house implementation of all plans.

- Ecological Management Plans
- Pest animal / plant surveys
- Pest plant mapping
- Monitoring
- Planting / Revegetation Plans
- In-house implementation of all plans



5 Drones

Ecology New Zealand have experienced ecologists with developed drone piloting capabilities. We aim to utilise this technology to provide new and accurate insights of a sites ecological features. High resolution site imagery enables us to accurately map the extent of key ecological features, determine the extent of potential impacts and prioritise management areas on a landscape level.

- High resolution site mapping
- Aerial imagery of key points of interest
- Visual access into difficult areas such as mangrove swamps, dense gully's, high forest canopies and steep ridges



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