

Southern Geophysical Limited Environmental Management Policy August 2025



Southern Geophysical conducting a GPR survey on a wind farm site

Southern
Geophysical

3/28 Tanya St, Bromley,
Christchurch 8062
Tel. 03 384 4302

www.southerngeophysical.com

Environmental Management Policy

Southern Geophysical Limited recognises that it has a responsibility to the environment beyond legal and regulatory requirements. Southern Geophysical is committed to reducing environmental impacts and continually improving environmental performance as an integral part of our business strategy and operating methods.

This is achieved by:

1. Complying with the Resource Management Act 1991 and use this Act as a primary source for regulations and laws relating to environmental management for any work conducted in New Zealand.
2. Identifying and complying with any other relevant regulatory requirements and environmental laws, in addition to voluntary commitments to which Southern Geophysical follow.
3. Minimise our impact by continually reducing and assessing environmental impacts in our all our operations and by engaging and encouraging feedback from staff in our monthly meetings.
4. Involve staff in our environmental policies and providing appropriate environmental training.
5. Incorporate environmental factors into our business decisions, including focusing on working with renewable energy projects.

This policy will be reviewed every two years as a minimum.

Signed:

Michael Finnemore
Position: Managing Director

Date: 14 August 2025

General Environmental Policies

Paper

- We will minimise paper usage by reading online where appropriate, printing on both sides, and in black and white where possible.
- We will recycle paper as much as possible.

Energy

- Lights and electrical equipment are to be switched off when not in use. Computers and monitors are switched to energy saving mode.
- Heating and cooling will be adjusted with energy consumption in mind.
- Electrical appliances are to be maintained to ensure their efficiency.
- Reduce water usage by using the dishwasher when full or at the end of day
- Garden plants are to be low water users.

Purchasing and disposal of products

- We will favour more environmentally friendly and efficient products, including cleaning products, and paper.
- We will reuse and recycle packaging and other materials where possible.
- We will only use licensed and appropriate organisations to dispose of waste, including batteries and chemicals.
- We will donate or sell unused or replaced items/equipment to reduce waste.

Transportation

- We will calculate carbon emission of the fleet and flights and plant the equivalent number of native trees.
- We will use EV or hybrid vehicles if possible. Future fleet replacement will be EV or hybrid vehicles.
- We will reduce any unnecessary travel by holding online meetings and group trips together if possible.
- We will use established tracks wherever possible when travelling offroad.

Culture

- We will involve staff in the implementation of this policy, for greater commitment and improved performance and by engaging and encouraging feedback from staff in our monthly meetings.

Environmental impact of survey methods

Non-intrusive survey methods

Most geophysical operations conducted by Southern Geophysical are non-intrusive. Environmental impacts of these systems are generally caused by towing equipment across the ground, striking the ground with hammers or weights, planting sensors in the ground, or using boreholes or excavations that have been installed by other parties.

Systems that fall under this category include ground penetrating radar (GPR), electromagnetic systems, multi-channel analysis of surface waves (MASW), seismic refraction and reflection, and resistivity systems.

The environmental management of non-intrusive methods involves discussion of environmental impacts with the client and stakeholders prior to conducting survey works, and remediation of any adverse impacts if possible. Where systems emit noise from machinery or striking plates with weights, Southern Geophysical will work with clients and local authorities to meet prescribed noise emission standards.

Any waste material produced by survey works will be removed by Southern Geophysical staff prior to the completion of the project.

Intrusive survey methods

Intrusive methods generally fall under the categories of manual and mechanical. Manual methods involve excavations of small pits or holes, less than 1.5 m depth, for the purposes of planting sensors, geological correlation, or installation of other equipment.

Environmental management procedures involve returning the site as close to its pre-survey condition as possible. This will be undertaken by collaborating and working with clients and other stakeholders.