

POSITION DESCRIPTION

Position: Geospatial Specialist

Location: Wellington

Reporting to: Geospatial Manager

Date: October 14th 2025

Duration: Permanent

Background

Herenga ā Nuku Aotearoa, the Outdoor Access Commission, is the Crown agent responsible for providing leadership on outdoor access issues. Our role is to advise on and advocate for free, certain, enduring, and practical access to the outdoors.

Our defining legislation, the Walking Access Act 2008, stipulates that we shall compile and publish information about land over which the public has walking access.

Geospatial team

The geospatial team supports the organisation to achieve its goals. We provide our staff with mapping products and capabilities. We collate, manage and publish our data responsibilities (Public Access Areas) to staff and to the public.

We are an ESRI organisation, running ArcGIS Enterprise, delivering solutions through both ArcGIS Portal and ArcGIS Online. We create physical and digital maps to support the business, which we display through our Local Maps front end.

We have three public-facing mapping systems that we develop and maintain as delivery points for our data and the associated mapping functionality.

- WAMS: Local Maps – desktop
- Pocket Maps: Web App builder – mobile
- Open Data Portal: ArcGIS Online

Strategic geospatial projects

Our strategic direction is to automate data flows. We have three important work areas that sit alongside our everyday work.

- Supporting and maintaining our monthly automated processes. Monitoring the schedule, ensuring the processes work and troubleshooting any variations.
- Re-development of our mobile application, Pocket Maps. Working with our preferred supplier to provide access to our data in the form that they need. Optimising the data delivery mechanism.
- Facilitating a national tracks dataset under the LINZ project; Key National Datasets for Resilience and Climate Change.

Position summary

The Geospatial Specialist role reports to the Geospatial Manager and works with the Senior Geospatial Specialist to deliver our organisation's geospatial function.

What you will do

- Create maps using ArcGIS Pro for internal and external use
- Create webmaps, dashboards and other visualisations, as requested
- Respond to queries, provide support and training in geospatial tools and support the public in their use of our systems
- Liaise with stakeholders to ensure data supplies are maintained and updated
- Monitor and manage our automated data flows and work to develop new ones
- Support the maintenance of production data REST services to a variety of end users
- Be an active team member for our strategic projects
- Provide geospatial analysis to support our communications and reporting functions
- Bring new ideas to the team that could improve the way we do things.
- Work alongside the Senior Geospatial Specialist to provide map production, web/field app development and data maintenance on the ArcGIS Online platform for Te Araroa.
- Work with customers and stakeholders to identify and implement priorities through the mapping system
- Create and manage technical documentation to ensure processes and systems are captured.

General

- Support the work of the Geospatial Manager, as required
- Know and comply with health and safety policies and procedures
- Implement and adhere to all Commission policies and legal obligations

Key relationships

Within the organisation

- Geospatial team
- Corporate staff
- Regional field advisors
- Te Araroa staff

Outside the organisation

- Toitū Te Whenua Land Information New Zealand
- The Department of Conservation (DOC)
- Herenga ā Nuku geospatial stakeholders: (such as QEII National Trust, Fish & Game, local authorities)
- Eagle Technology
- The geospatial industry

Person specification

Required

- A tertiary qualification in GIS or related geospatial discipline.
- Four or more years' experience working in the geospatial industry.
- Demonstrable Python skills and be keen to improve and refine them with real geospatial data projects.
- Experience and demonstrable knowledge of ArcGIS Enterprise (ArcGIS Online, ArcGIS Portal and ArcGIS Pro).

- Experience of, and an interest in the LINZ data model. LINZ cadastral data are our primary building blocks.
- Proven ability to develop effective networks and manage relationships.
- Enthusiasm for spatial data and its potential, with a technical mindset and a can-do attitude.
- Self-disciplined and organised, with experience in creating technical documentation.
- Willingness to engage with and develop skills in te Reo, tikanga and te Ao Māori.
- You are a NZ resident or NZ citizen and able to work.

Desirable

- Specific experience in NZ survey and land systems.
- Experience in FME programming.
- Experience of working with LocalMaps

Dimensions of the positions

Staff

Number of direct reports: none

Financial delegation

None

Competencies

Interpersonal savvy

- Demonstrates emotional intelligence in your professional life.
- Relates well at all levels, inside and outside the organisation
- Builds constructive and effective relationships – understands how to resolve problems when they arise

Technical learning

- Picks up on technical things quickly
- Can learn skills and knowledge, including new industry, product, or technical knowledge

Communication

- Writes clearly and succinctly in a variety of communication settings and styles
- A personable but professional verbal communicator.

Creativity

- Comes up with new and valuable ideas
- Easily makes connections among previously unrelated notions
- Adds value to group discussions and planning sessions

Drive for results

- Can be counted on to meet goals successfully
- Steadfastly pushes yourself and others for results

Peer relationships

- Can quickly find common ground and solve problems for the good of all

- Is seen as a team player and is cooperative

Professional development

- Actively works to improve yourself
- Seeks feedback
- Identifies and acts upon areas for professional growth and development
- Sets an example as sensible and professional