Luca Berginvale

Remote Sensing Technician · Land Cover Mapping

remote-sensing-technician@example.test · Wellington, New Zealand

Summary

Remote sensing technician preparing imagery for land cover and restoration monitoring. Aligns image records with field observations and documents coverage gaps for ecologists and GIS analysts.

Experience

2022-01 – Present **Remote Sensing Technician**
Tōtara Reach Mapping Cooperative

- Screened 42 satellite scenes for a seasonal wetland survey. Logged rejected scenes and retained the reason for each decision.
- Compared cloud masks against image previews. Marked suspect coverage and recorded which areas needed a different acquisition date.
- Checked image alignment using surveyed control points. Referred boundary offsets to the GIS lead before updating the map series.
- Maintained a metadata register with scene dates, resolution and review status so the team could reproduce the published map.

2019-03 – 2021-12 **Geospatial Field Assistant**
Miro Coast Restoration Trust

- Reconciled field photographs with survey locations. Resolved mismatched site references with the field team before ingest.
- Prepared an index of repeat survey stations and marked inaccessible sites for the next field visit.

Education

2018 **BSc Geography · Geospatial Science**
Rata Harbour University

Skills

QGIS · Satellite imagery review · Georeferencing checks · Land cover mapping · Spatial metadata

Languages

English