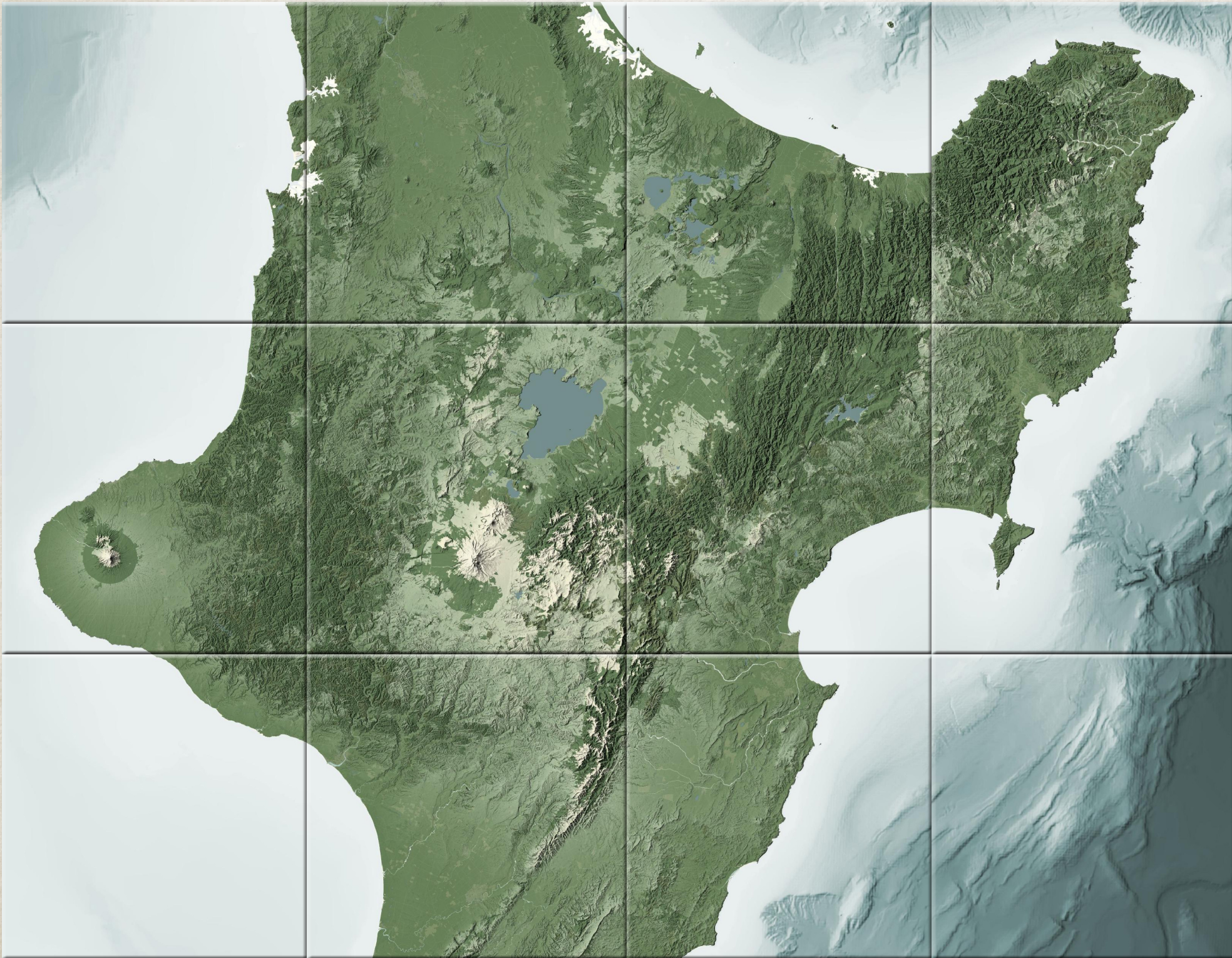




Stylized
COGs: QGIS to
GTiff

<https://dragonfly-science.github.io/qgis-cog-tiler/>

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*Geospatial Developer
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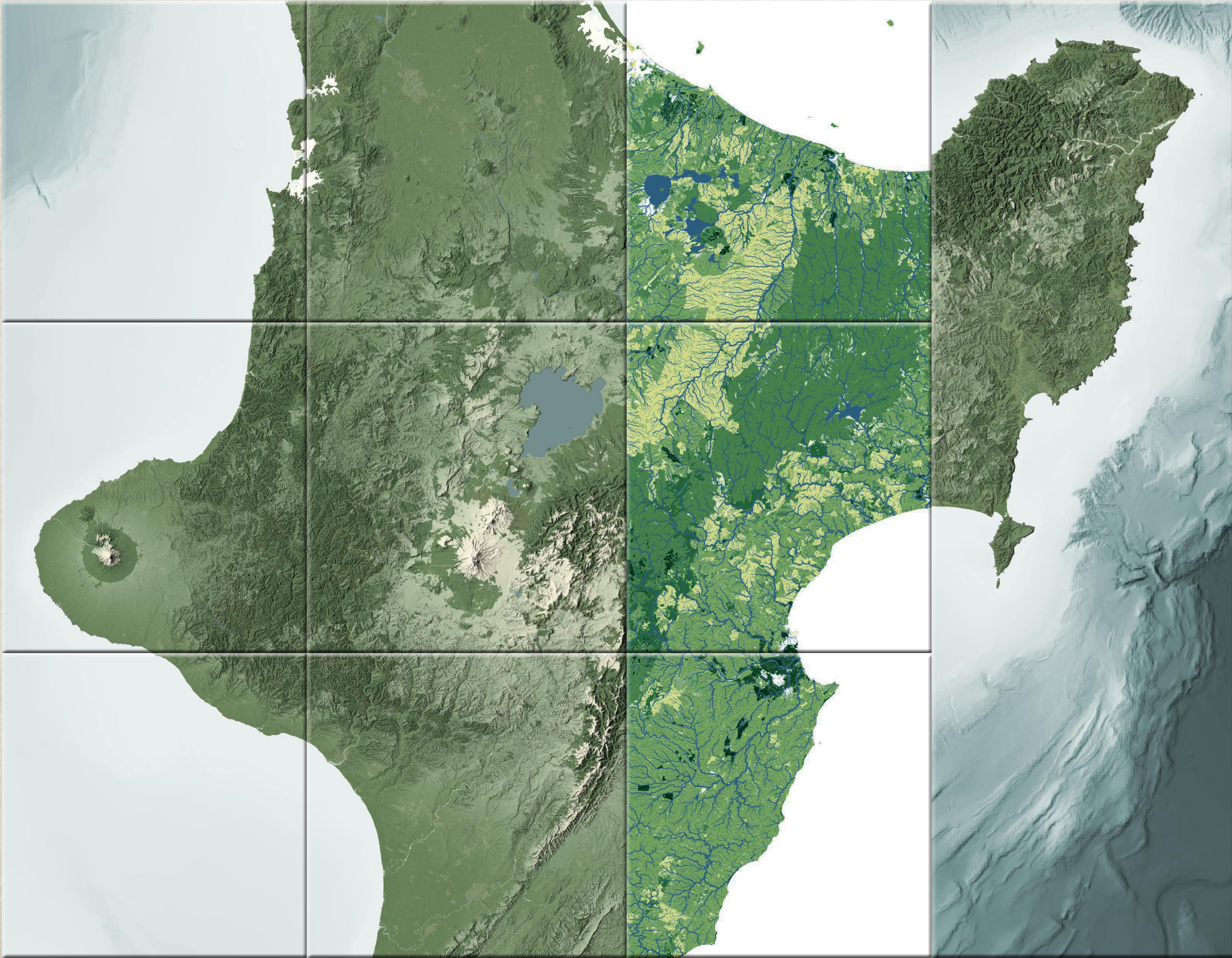
Intro

- whoami
- Acknowledgements

Goal

- Offer a method to regain lost methods in base mapping for the web and QGIS using well supported, widely available tools.

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History

- Raster Tiles
- Vector Tiles
- COG

Why a New Method?

- Raster data valuable
- Blending
- Story Telling
- Cross Platform
- Modern Formats

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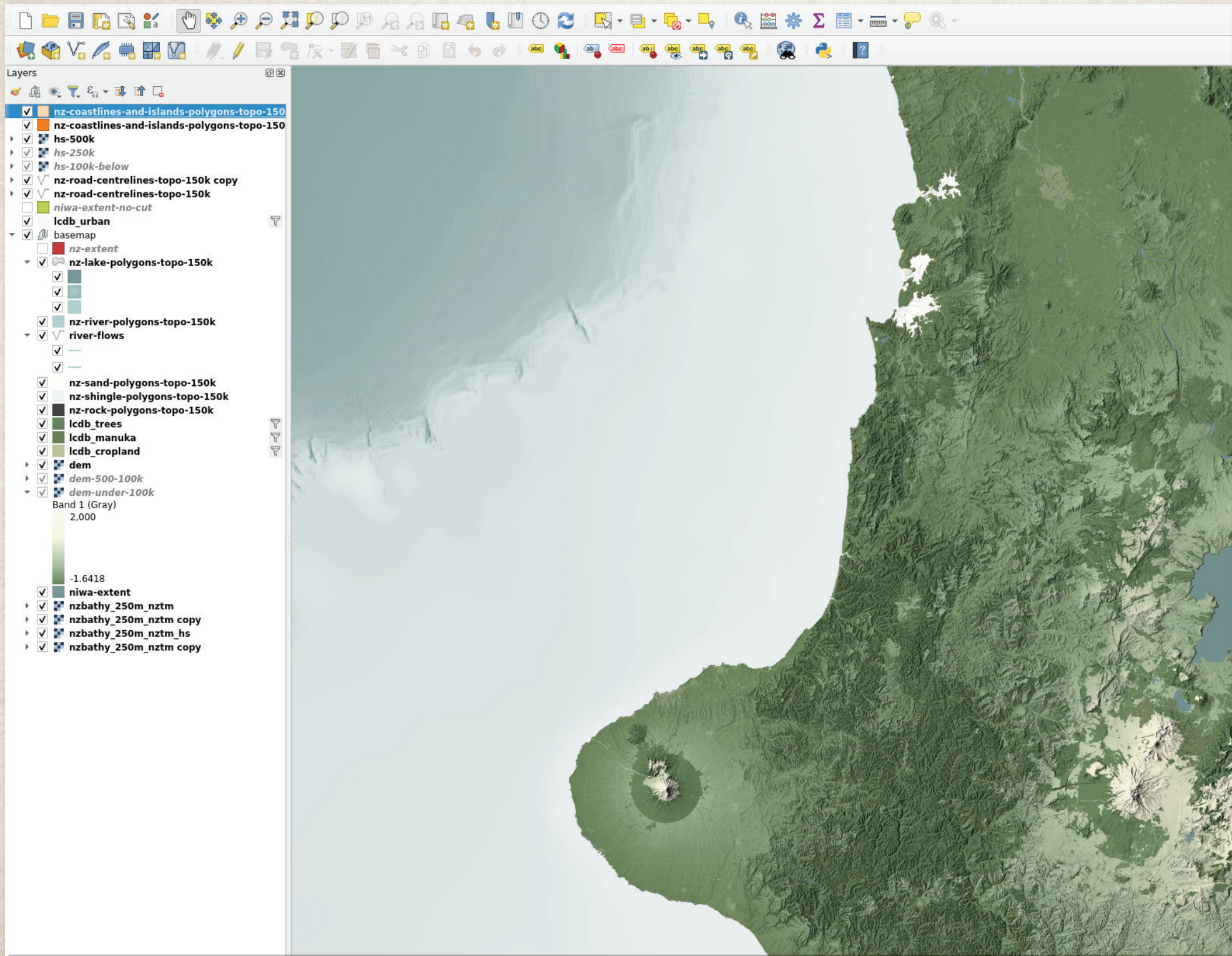
The Old

- GDAL
- Tilemill
- MapProxy
- Tile cache

The New

- QGIS
- PyQGIS
- GDAL
- COG

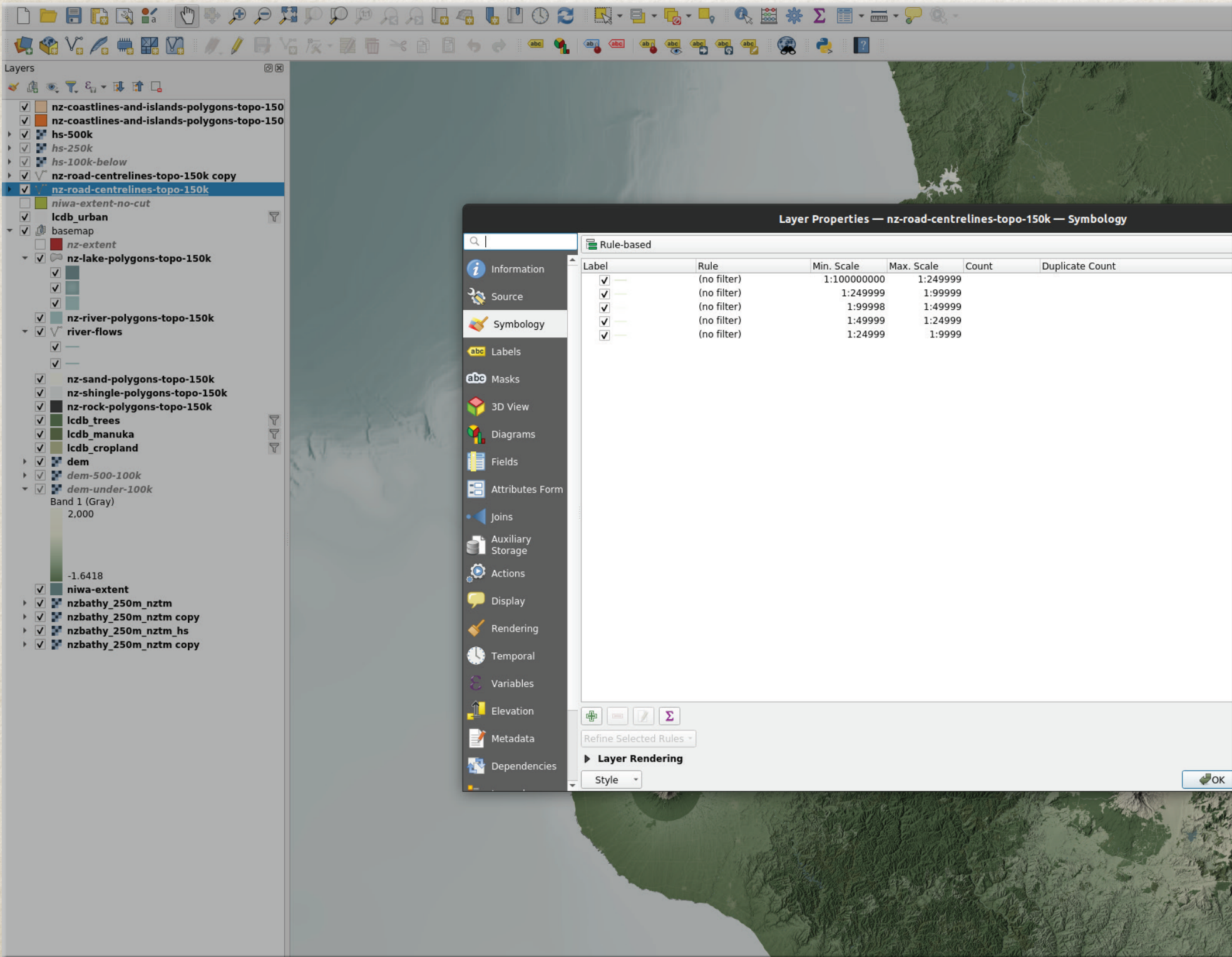
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Process
- QGIS

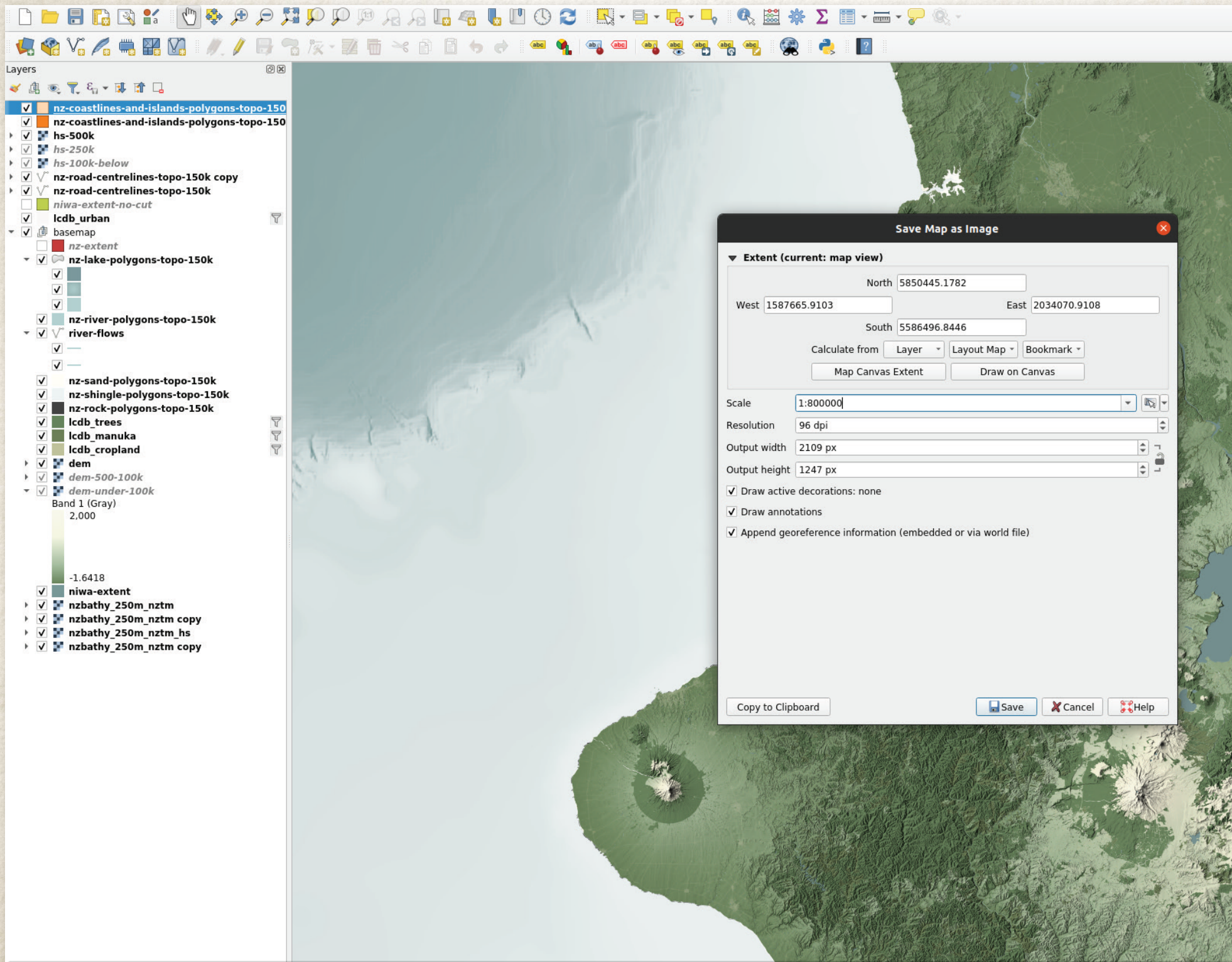
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Stylized COGs: QGIS to GTiff

Process
- QGIS

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Stylized COGs: QGIS to GTiff

Process











- QGIS
- Tile Matrix

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Name

-  50000-full-nz.tif
-  100000-full-nz.tif
-  250000-full-nz.tif
-  500000-full-nz.tif
-  1000000-full-nz.tif
-  2000000-full-nz.tif
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-  8000000-full-nz.tif
-  16000000-full-nz.tif
-  32000000-full-nz.tif

Name

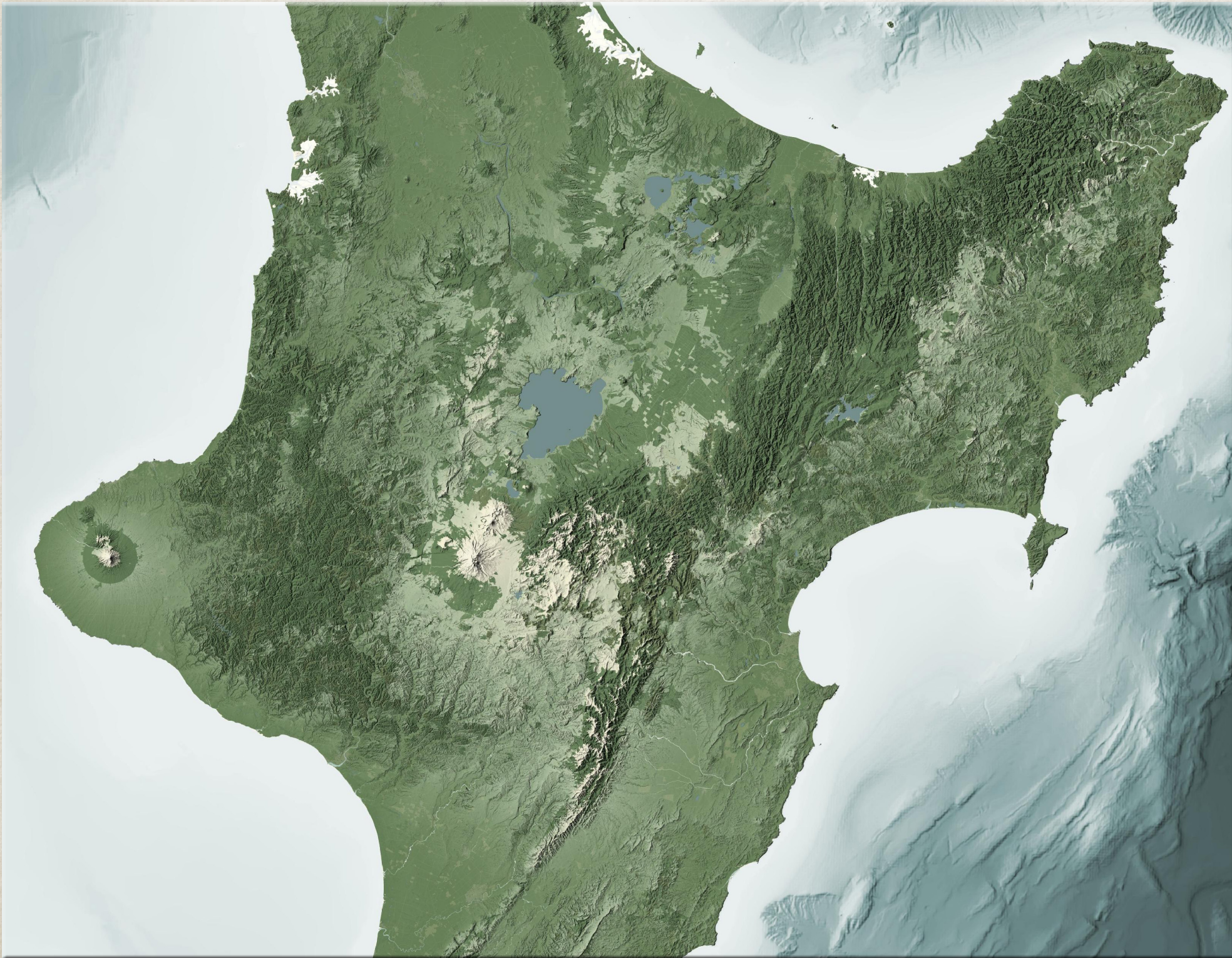
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Process

- Tile Matrix
- pyQGIS
- GDAL

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What's the Point?

- Raster in Base Maps
- Portability
- Cloud Use
- QGIS, Geotiff.js

[/viscurl/https://tile-service-raster.s3.us-east-1.amazonaws.com/cogs/as-raster-tile/50000-cog.tif](https://tile-service-raster.s3.us-east-1.amazonaws.com/cogs/as-raster-tile/50000-cog.tif)

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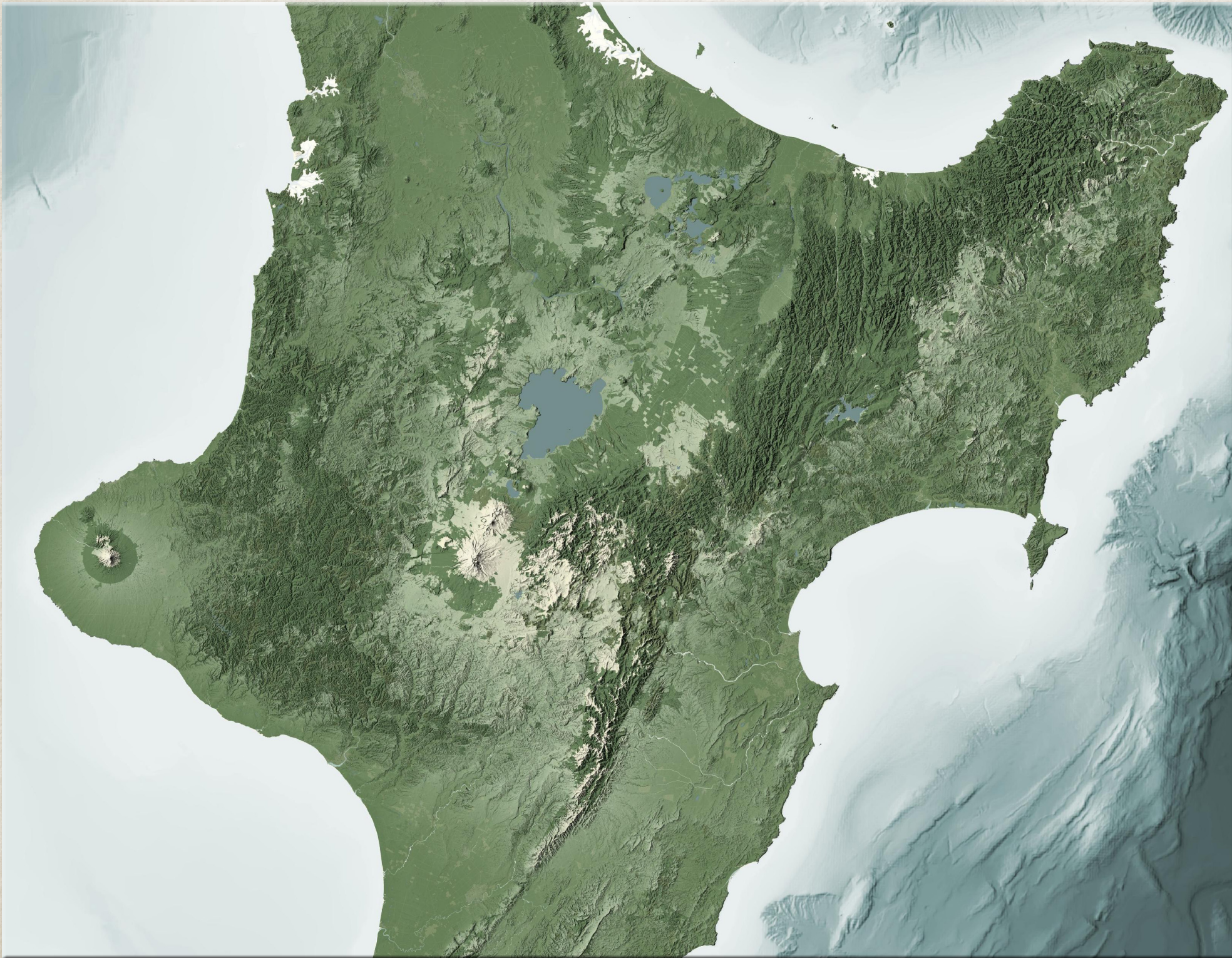
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Where are we?

- 50k
- Automation
- VRT-like delivery
online
- Serverless

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To the Future

- Rendering Speed
- CartoCSS
- QGIS Plug-In
- 1:5K Scale
- GDAL Support
- Projection Support
- Repo Coming

<https://dragonfly-science.github.io/qgis-cog-tiler/>

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Thank You

- Dragonfly Data Science
- North Road
- GDAL
- LINZ
- OSGeo

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