



SNAP GEOSPATIAL

CAPABILITY STATEMENT

Company Details

ABN 56 285 085 970. Established 2020.

Contact Details

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Company Overview

We're a small business here to assist you with GIS analysis, development, mapping products and advice. Specialising in natural resource management and ecological analysis. We have both GIS and environmental management experience within the public and private sectors. We value innovation, quality and value for investment.

Capabilities

At Snap Geospatial we work with you to provide innovative and cost-effective solutions and services for your GIS and mapping needs. We typically utilise ArcGIS or QGIS software to assist with your solution.

GIS Analysis

We undertake data exploration, spatial analysis and visualisation of location-based data to explore relationships, uncover and quantify patterns, make predictions and provide answers to real world questions that you have.

GIS Advice, support & training

We provide advice and support to you regarding GIS platforms, applications, new developments and business improvement. We develop and provide tailor made training programs for specific GIS operations, typically associated with data collection, cleaning, attribution, editing, visualisation or processes involved with mapping and analysis.

Web mapping & application development

We can build custom apps, interactive maps (enabling sharing and collaboration) and publishing of content. We also assist with the production and licensing of data and generation of metadata for internal and external content. We are experienced in data collection / generation, spatial editing and topological checking.

Map Products

We design and provide digital (pdf, georeferenced pdf, png, jpg and other formats) or hard copy (paper) format maps for any request you may have whether it be for a Farm / Property Management Plan; asset and/or risk management plan; or a product for a report or website.

Previous Experience

We are in Warrnambool (south-west Victoria) and Mount Gambier (south-east South Australia), but will go anywhere within and outside of Australia.

We are experienced at working with ecologists, nrm practitioners, hydrologists project managers, volunteers and community group members to develop appropriate, fit for purpose spatial outputs. We are also experienced with Environmental, Quality and Occupational, Health and Safety Management Systems.

Snap Geospatial has performed spatial analyses, geostatistical analyses (using ArcGIS extensions) and generated visualisation products for reports, presentations and media. Examples include:

Spatial Outputs - Characterization of changes in groundwater-surface water interaction over a 30-year time period and production of spatial products that describe the likelihood of gaining or losing conditions for wetlands, watercourses and drains with the South-East NRM region.

Exploration and use of LIDAR data using tools such as Spatial Analyst, 3D Analyst and 3D rendering to investigate volumes and impacts of weir heights for wetland restoration projects.

Data Management - cleaning, attribution and management of spatial inundation data associated with weir pool operations within the SA River Murray.

Operational Products: Spatial analysis, tenure investigations and development of map products to assist National Parks, NRM Board land managers and pilots apply aerial baiting (flora and fauna) or undertake feral animal control on private and government land.

Mapping, Communications & Training – Production of maps to accompany the successful nomination of Piccaninnie Ponds Ramsar site.

Production of mapping products for Bushfire risk assessments.

We are experienced at delivering training to people with a range of experience levels from little prior knowledge to advanced users.

Professional Indemnity - \$ 5 million
 Public Liability - \$ 20 million

Insurances

