

**GIS PROFESSION  
SALARY RANGES  
For  
GISUser listing**

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## **Disclaimer**

Information provided by individual GIS professionals, who are GISUser Email listing contributors

This summary has been compiled to assist contributors to compare and analyze positions, duties, skills, salary ranges etc. In addition, it is to help you compare salaries, job descriptions etc against surveys undertaken by salary consultants (e.g. PA which could be used by your employer)

The Hawke's Bay Regional Council whilst compiling this information in good faith, accepts no responsibility for any errors, omissions etc.

## **General**

This summary is organised by "as received", and each position will be given a unique ID. These ID's will be known by only individual contributor and myself. The idea being that if and when components of the job description changes, the contributor just needs to quote his ID, followed by the changes necessary and I will update that position, together with an appropriate amendment number etc.

## **GIS\_001**

**Position:** GIS Consultant

**Organisation:** Self Employed

**Duties and Responsibilities:**

GIS programming and design. GIS Consulting -strategic and application consulting.  
Project Management. Marketing,

Client liason etc.

**Qualifications:**

MSc (Geography)

**Skills:**

ARC/INFO + AML, ArcView + Avenue, MapObjects, Visual Basic,  
PowerBuilder, MapInfo, GenaMap. Six years industry experience across a  
wide range of GIS application areas, local and central government,  
Forestry, Health, Transport. Application Design. Project Management.

**Salary Range:** \$80,000+ but related to available work etc

## GIS\_002

**Position:** GIS administrator/analyst/developer/digi slave

**Organisation:** CRI

**Duties and Responsibilities:**

Data capture, data management, application development, cartographic design, Unix admin, ...

**Qualifications:**

BSc, part way through DipGrad in Info Science, most Eagle A/I courses, Unix Sys admin course. 3 years experience

**Skills:**

A/I data capture, manipulation, analysis and output (cartography), AML, ArcView customisation (Avenue), database design and admin, programming - Delphi, C++, Java, network management, Unix sys admin.

**Salary Range:** \$35,000 - \$40,000

## GIS\_003

**Position:** Manager GIS / Remote Sensing.

**Organisation:** Central Government.

**Duties and Responsibilities:**

Develop and maintain GIS / Remote sensing capability to meet key Ministry objectives

**Qualifications:**

Tertiary Qualification in GIS and Remote Sensing.

**Skills:** Sufficient to meet duties and responsibilities

**Salary Range:** \$48,000 - \$73,000

## GIS\_004

## GIS\_005

**Position:** GIS Analyst/Modeller

**Organisation:** CRI

**Duties and Responsibilities:**

**Deleted: Position:** Information Systems Technical Support

**Deleted: Organisation:** Local Government

**Deleted: Duties and Responsibilities:**

- . Network administrator :-
- . 90+ PCs,
- . 3 Unix Servers,
- . 4 NT servers,
- . 6 remote sites (1 - 4 PCs);
- . Technical Support of Unix & NT servers;
- . PC administrator - Hardware & Software;
- . Help desk support;
- . GIS everything - analyst, administrator, data entry,....etc.
- . User Support and training in use of PC systems (including GIS)

**Deleted: Qualification and experience:**

- . Some Experience in planning, construction and administration of
- . TCP/IP based network
- . Sufficient technical knowledge of PCs to undertake hardware
- . support
- . A sound knowledge of DOS and windows environment in order to
- . undertake software support.
- . Some experience in the UNIX operating system and related database
- . systems, including a knowledge of SQL.
- . An appreciation of GIS fundamental and its use in the Local
- . Government environment, or alternatively a knowledge of a related
- . discipline such as mapping or CAD.

**Deleted: Skills:**

- . + See 4) above.
- . + Good multi-disciplined problem solving skills.
- . + Ability to work to deadlines with little supervision
- . + Able to multi-task many varied requests in short time frames.

**Deleted: Salary Range:**

- . Salary to be negotiated in accordance with qualifications and
- . experience along with employment terms and conditions of appointment'
- . \$23,000 - \$35,000

Develop techniques to model earth processes within GIS; manage commercial GIS projects; development of scripts; maintenance of GIS hardware and software; design and output of maps for press printing; design and management of databases.

**Qualifications:**

BA (Geography); BSc (Geology); 5 years ArcInfo experience.

**Skills:**

All those required to meet the job description plus allied skills in CAD, Excel, etc.

**Salary Range:** \$41,000-\$54,000

GIS\_007

**Position:** GIS Officer

**Organisation:** Local Government

**Duties and Responsibilities:**

Implement, develop and manage a GIS.

Provide technical advice on GIS.

Train staff in data capture and use of GIS.

Provide user help and assistance.

**Qualifications:**

Tertiary Qualifications in relevant discipline (I have a BSc in Geology!

and post grad Diploma of Science in Environmental Science!!)

1-2 Years experience in GIS field.

Competant and effective communication skills.

Project Management skills.

Customer and organisational focus.

Computer literate (other than GIS)

Flexible

**Skill:**

GIS literacy and understanding.

Project managerial skills.

Communication skills.

Self motivated.

Team player.

Able to make appropriate decisions.

Flexible.

Researcher and analyst.

Willingness to learn new skills.

Computer Literacy and able to train others.

Organisational ability (able to meet deadlines)

Forward thinker.

**Deleted: GIS\_006¶**

¶  
· **Position:** Process manager - CAD/GIS¶

¶  
· **Organisation:** Private enterprise¶

¶  
· **Duties and Responsibilities:**¶  
· Assists with the design of data capture/conversion processes.¶  
· Documentation and implementation of all data capture processes.¶  
· Provides training/retraining as necessary.¶  
· Co-ordinates and supervises field and office based capture operations.¶  
· Examines operator/process problems and defines corrective actions.¶

· Documents all corrective actions and provides training in their¶ application.¶  
· Manages the projects local area network and other project computer¶ operations.¶  
· Performs any of the office based data capture/conversion processes as¶

· required to achieve the project objectives.¶  
· Monitors/provides training as required.¶  
· Backs up the Office Teams Manager in the event of his absence.¶  
· Backs up the Project Manager in the event of his absence.¶  
· Performs other project related duties from time to time as requested¶  
· by the Project Manager or Project Director.¶

¶  
· **Qualifications:** ¶  
· Some professional or semi professional (eg engineering), GIS software,¶  
· process management. I have NZCE Electrical.¶

¶  
· **Skills:** ¶  
· include ARC/INFO & PC AI, ArcView, lots of Avenue, AV user¶  
· application and interface development, AutoCAD and AutoLISP, other assorted¶  
· software and GPS knowledge for processing data into a GIS. Day to day¶  
· management of tasks for up to 10 staff.¶

¶  
· **Salary Range:** \$40,000 - \$50,000¶

**Salary Range:** no range I take whatever I can get. Started \$38 000, now on \$40 000

### **GIS\_008**

**Position:** GIS Technical Assistant

**Organisation:** Local Government

**Duties and Responsibilities:**

Capture all Services data (both textual and spatial) from paper and digital plans and put into GIS.

Provide maps to internal and external customers.

Any other projects as may be required.

**Qualifications:**

Draughting or GIS Qualification.

Computer Literate.

Able to read maps effectively.

High standard of accuracy and workmanship.

Good communication skills.

**Skills:**

GIS literacy and understanding.

Project managerial skills.

Communication skills.

Self motivated.

Team player.

Flexible.

Willingness to learn new skills.

Organisational ability (meet deadlines)

Able to work unsupervised.

**Salary Range:** - no range Started on \$23 000. Now on \$25 000

### **GIS\_009**

**Position:** GIS officer

**Organisation:** Local Government

**Duties and Responsibilities:**

Day to day running of council the council GIS

Data entry into the council GIS and to maintain accuracy

Development of database design, data capture and maintenance procedures of datasets

Development of GIS applications using AML, Avenue, HTML and small amount of Java

In house training in the use of GIS

To provide support for some of the councils other computer systems

**Qualifications:** A tertiary degree in Computer Science or Geography 2 years

**Skills:**

Experience with ESRI products ARC/INFO, Arcview, Arcview IMS. Programming  
Experience in AML and Avenue. Some knowledge of UNIX and Windows NT  
Systems administration. Good communication and interpersonal skills.

**Salary Range:** \$40,000??

**GIS\_010**

**Position:** GIS Co-ordinator

**Organisation:** Local Government

**Duties and Responsibilities:**

Efficient and effective development of the GIS system  
Efficient and effective promotion of GIS  
Operation of the GIS  
Efficient and effective management of the GIS

**Qualifications:** Tertiary qualification, preferably with experience in GIS

**Skills:**

Good working knowledge of GIS & use of computers  
Minimum 2 years CAD experience  
Graphics presentation and cartographic skills  
Ability to work with both GIS users & Senior management  
Good oral & written communication skills  
Ensure maintenance & integrity of the GIS is maintained  
Be customer focused  
Have a high level of initiative, judgement & accuracy  
Develop working solutions to technical & production problems

**Salary Range:** \$45,000 - \$63,750

**GIS\_011**

**Position:** Senior scientist, with speciality: GIS modelling and analysis

**Organisation:** CRI

**Duties and Responsibilities:**

To initiate, plan, develop, implement and/or disseminate GIS-based  
research outputs and capabilities.

**Qualifications:** M.Sc. and minimum 5 years experience

**Skills:**

Technical: programming, software & DSS design and implementation, Arc/Info AML (and other languages e.g. C), database design

Science related: understanding of scientific approach, communication with scientists, writing skills

Also some experience in project management.

**Salary Range:** \$50,000 - \$70,000

**GIS\_012**

**Position:** Forest GIS Officer.

**Organisation:** Private Forestry Company.

**Duties and Responsibilities:**

Develop and maintain GIS and Forest Operations Database.

Coordinate training of, and migration of GIS to forestry operations staff.

Staff: 1 direct

**Qualifications:**

Tertiary Qualification in GIS or Forestry with practical GIS experience.

**Skills:**

Experience in ArcInfo GIS, programming, training and troubleshooting.

Awareness of plantation forestry operations.

Project management.

**Salary Range:** \$45,000 - \$68,000

**GIS\_013**

**Position:** GIS Administrator

**Organisation:** Regional Government

**Duties and Responsibilities:**

Develop and maintain council GIS and related databases

**Qualifications:** Tertiary related degree & 2+ years experience

**Skills:**

Experience in ESRI GIS software, programming, training & troubleshooting

**Salary Range:** \$35,000 - \$45,000

**GIS\_014**

**Position:** GIS Officer

**Organisation:** Local Government

**Duties and Responsibilities:**

Develop & maintain GIS databases  
Application development  
Map production

**Qualifications:**

NZCE minimum plus several years experience in GIS

**Salary Range:** \$40,000 - \$50,000

**GIS\_015**

**Position:** GIS technical support

**Organisation:** Regional Council

**Duties and Responsibilities:**

Database maintenance  
Map production,  
Data capture

**Qualifications:** M.Sc (geog). Data capture and cartography experience

**Skills:**

ArcInfo  
ArcView,  
MS Office  
GPS use  
AML  
Avenue

**Salary Range:** \$32,000 - \$39,000

**GIS\_016**

**Position :** Corporate GIS Officer

**Organisation:** Local Government

**Duties and Responsibilities:**

To Manage, maintain, develop and support the GIS in Council

**Qualification:**

A bachelor of Social Science and three years local government experience.

**Skills:**

AutoCAD and FMS  
Arcview and MapInfo

**Salary range:** \$30,000 – \$36,000

**GIS\_017**

**Position:** GIS Administrator

**Organisation:** Local Government

**Duties and Responsibilities:**

- Management and maintenance of GIS data, structure and standards.
- Management and support of GIS systems including ArcGIS, ArcSDE, SQL Server, ArcIMS and client, including training.
- Management of GIS data, software and hardware related contracts.
- Management of related hardware being servers & plotter etc.
- Assisting with Customer enquiry

**Qualifications:**

- Tertiary Qualification BA (Geography), DipGrad in Information Science including relational databases
- Formal training in ArcView, ArcGIS, preferably: MS Certification Windows/Server OS

**Skills:**

- Understanding of RDBMS, Windows/NT Server, ArcGIS, ArcIMS, ArcSDE, SQLServer, MS Access, MS XL & Word
- Knowledge property & rating data systems e.g. Torrens Land Title, Valuation
- Knowledge & use of other data in combination with GIS base data for specialised analysis, queries and reports.
- Good communication & excellent customer service

**Salary Range:** \$42,000 - \$57,000

**GIS\_018**

**Position:** GIS Administrator

**Organisation:** Regional Council

**Duties and Responsibilities:**

- Management and maintenance of GIS data, structure and standards.

- Support customers including technical support, GIS user training & documentation.
- Provide services relevant for customer planning & decision making.
- Ensure a coherent strategic direction for GIS including integration.

**Qualifications:** A completed tertiary qualification (BA Geography, DipGrad InfoSci)

**Skills:**

- Understanding of GIS concepts & practises
- Ability to interpret policies & procedures
- Knowledge property & rating data systems & data management systems
- Understanding of technical specifications
- Knowledge & use of systems for specialised analysis, queries and reports.
- Computer literate
- Excellent oral & written communication skills

**Salary Range** \$48,000 - \$54,500

**GIS\_019**

**Position:** GIS Analyst

**Organisation:** CRI

**Duties and responsibilities:**

- Data capture (incl digitising)
- Data management and analysis
- GIS technical advice and support for other staff
- Database development and maintenance
- Map production
- Converting scientific ideas/data into working GIS systems
- 

**Qualifications:**

- B.Soc.Sc (Hons) Environmental Planning
- 6 years experience

**Skills:**

- Good working knowledge of ArcView
- Some understanding of Avenue programming
- Good general all-round computer skills
- Ability to work unsupervised

- Ability to work on multidisciplinary projects
- Good communication skills
- 

**Salary Range:** \$26,000 - \$34,000

**GIS\_020**

**Position:** GIS Administrator/Analyst

**Organisation:** Local Government

**Duties and responsibilities:**

- Administer GIS server and desktop app.
- Development of Corporate and Desktop applications.
- DB Admin for GIS datasets
- Maintenance and devt of MSAccess DB's
- Maintenance of GIS links to other datasets

**Qualifications:** A tertiary qualification related to GIS

**Skills:** Heaps. Great communication skills, excellent interpersonal skills, problem solving skills, adaptable, Great team player, Exceptional customer service skills.

**Salary Range:** \$45,000-55,000

**GIS\_022**

**Position:** Consultant

**Organisation:** Consultancy

**Duties and Responsibilities:**

Member of IT Consultancy, required to use ArcInfo skills on a daily basis developing large, complex ODE application.

**Qualifications:**

BSc (Geography); 5 years ArcInfo experience, 1 yr ArcInfo ODE developer with SDE, etc. Over 10 years in IT industry.

**Deleted: GIS\_021¶**  
 . **Position:** Research Analyst (specialising in Spatial Analysis/GIS)¶  
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 . **Organisation:** Research Trust¶  
 ¶  
 . **Duties and Responsibilities:**¶  
 . . General:¶  
 . . - provide research assistance to senior staff members¶  
 . . - consultancy work¶  
 ¶  
 . . Specific:¶  
 . . - gis (using ArcView) and statistical analysis¶  
 . . - computer programming (inc. Avenue)¶  
 . . - presentation of work (through papers, conferences and seminars etc.)¶  
 ¶  
 . **Qualifications:**¶  
 . - BSc in Geography¶  
 . - MSc in GIS¶  
 ¶  
 . **Skills:** (see duties and responsibilities above)¶  
 ¶  
 . **Salary Range:** \$35,000 - 45,000.¶

**Skills:**

Expert ArcInfo developer using the ODE.

Also required to use Powerbuilder, Visual Basic, MapObjects, ArcView perl, awk ,  
unix shell scripts, SQL and anything else as needed.

**Salary Range:** \$55,000-\$65,000

**GIS\_023**

**Position:** Business Analyst

**Organisation:** Utility

**Duties and Responsibilities:**

Support the business in the development cycle of Information System from requirements through to delivery.

Lead GIS Business Analyst. To review and evaluate the GIS and related systems processes ensuring they continue to meet user and business needs.

**Qualifications:** Strong business analysis skills are required with good knowledge of the full software development cycle.

**Skills:**

Analysing business requirements from different user groups and making connections across groups as part of developing options

Awareness of a range of technologies and their practical applications in supporting business requirements

Understanding of business process mapping and linkages to system development methodologies and experience with relevant toolsets

Ability to communicate at both a general business requirement and technical level

Experience in using project management techniques and methodologies

Exceptional communication skills, knowledge of systems development life cycles and the ability to turn user requests into system solutions

**Salary Range:** \$60,000 - \$110,000

**GIS\_024**

**Position:** GIS Analyst / CAD Operator

**Organisation:** Regional Council

**Duties and Responsibilities:**

Ensure that a Geographic Information Service and a Computer Aided Design / Analysis and Drafting Service is provided to the Council

Assist in the operation of the Information Technology Help Desk and

provide support as required for the Information Technologists

**Qualifications:**

Tertiary qualification, similar to a New Zealand Certificate in Drafting, Surveying or Engineering or a relevant GIS related qualification,  
or  
a broad range of practical experience with either Civil / Survey Drafting or Geographic Information Systems

**Skills:**

WORD, EXCEL, Avenue, MapInfo,  
ArcView, some MS SQL, Crystal (Report Writing software), Computer Aided Drafting using AutoCAD and  
AutoLISP (programming language)

**Salary Range:** \$49,000 - \$58,000

**GIS\_025**

**Job A**

**Position:** GIS Technician

**Organisation:** Forestry

**Duties and Responsibilities:**

Maintain ArcInfo database, produce survey, map & report outputs.  
Wholly responsible within district office with support from HQ.

**Qualifications:** BSc Geography

**Skills:**

ArcInfo  
Also requiring survey & Aerial photography skills

**Salary Range:** \$20 - \$25 per hour .....=\$45000 pro rata

**Job B**

**Position:** GIS/mapping Consultant

**Organisation:** Forestry

**Duties and Responsibilities:**

Set up, operate and run GIS database & map production using own hardware & ArcView software.

**Qualifications:** BSc Geography

**Skills:**

ArcView skills  
Marketing, negotiating & tendering skills

**Salary Range:** \$35 - \$40 per hour when engaged in direct production work.....say \$40000 pro rata.

## **GIS\_026**

**Position:** GIS & Land Info Administrator / developer/ digi slave/ and Graphics Draughtsman

**Organisation:** Central Govt.

**Duties and Responsibilities:**

Establish and maintain GIS system for area covering 2 million ha and maintain a comprehensive and accurate Land Register.

Establish and maintain standards; design and prepare layout maps and graphics for publications, displays, interpretive panels ,signs etc.

Liaison with internal clients and outside organisations

Local Area Network support

Train non GIS specialists to use GIS tools in their work.

**Qualifications:**

NZCD (Survey) and Part completed Dip GIS

**Skills:**

ArcView + Avenue,

Access DB

Project managerial skills.

Communication skills.

Self motivated.

Team player.

Able to make appropriate decisions.

Flexible.

Willingness to learn new skills.

Computer Literacy and able to train others.

Organisational ability (able to meet deadlines)

Forward thinker.

Windows NT and Banyan Vines Systems administration.

Graphics presentation and cartographic skills

20 yrs Survey/Graphics Draughting including 6yrs GIS experience

**Salary Range:** \$17680 - \$41391

## **GIS\_027**

**Position:** GIS Database Analyst

**Organisation:** Technology Manufacturing Company

**Duties and Responsibilities:** Sourcing and evaluating data suppliers. Processing and manipulating large GIS datasets into spatially enabled databases. Debugging errors. Quality control. Improvement of entire process to increase speed and efficiency etc.

**Qualifications:** Engineering/IT/Science degree

**Skills:** GIS analysis/development, database development, general IT - UNIX etc.

**Salary Range:** \$50,000 - \$70,000

**GIS\_029**

**Position:** GIS Analyst / Technician

**Organisation:** Public Sector

**Duties and Responsibilities:**

GIS programming and application design. Consulting on commercial projects. GIS support to organisation.  
Develop and maintain datasets  
Commercial GIS development

**Qualifications:**

Tertiary (postgraduate) qualifications in GIS and resource management  
3 years ARC/Info experience

**Skills:**

Technical programming (Avenue, VB, delphi, MO, Fortran, AML)  
Knowledge of science related concepts / mathematic problem solving  
Resource Management knowledge

**Salary Range:** \$40,000 +

**GIS\_030**

**Position:** GIS Consultant

**Organisation:** Research Organisation with Commercial Consultancy leanings

**Duties and Responsibilities:**

GIS programming and application design. Consulting on commercial projects. GIS support to organisation.  
Database Design, Data Manipulation  
Commercial GIS development

**Deleted: GIS\_028**  
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**Position:** GIS Officer¶  
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**Organisation:** Local Government¶  
¶  
**Duties and Responsibilities:**¶  
Development, maintenance, security and integrity of GIS database¶  
Provide GIS advise, analysis and services¶  
Operation of GIS helpdesk¶  
Promote and train GIS within the organisation¶  
¶  
**Qualifications:** ¶  
BSc(Geology and Geography)¶  
At least 1 years experience in ArcInfo Workstation¶  
¶  
**Skills:** ¶  
A Working knowledge of both ArcView and ArcInfo¶  
Competency in AML, Avenue, and ArcObjects¶  
Knowledge of TIN and GRID extensions¶  
Experience in Microsoft Office products ¶  
Work with minimal supervision¶  
Ability to work with a variety of people and requests¶  
Well-developed communication skills¶  
¶  
**Salary Range:** \$50,000 - \$60,000¶

**Qualifications:**

MSc – Computing and Geography

10 years GIS experience, including ARC/INFO, ArcView, MapInfo, IDRISI

**Skills:**

Technical programming (AML, Avenue, Java)

RDBMS background

Mathematical problem solving

**Salary Range:** \$50,000 +

**GIS\_031**

**Position:** GIS Systems Analyst

**Organisation:** Regional Council

**Duties and Responsibilities:**

- Supporting the suite of ESRI supplied software products
- Configuring the application suites to meet business process requirements, while allowing for business process improvements
- Working with the IT Systems Analysts to ensure that critical data/information is available to staff, team leaders and managers as necessary.
- Investigating opportunities for developing the integrated system to meet the future needs of the Council
- Design and manage projects to achieve annual plan measures.
- Contribute to identifying business synergies, changing business processes and improving information flows across the organisation to meet Council strategic endeavours
- Ensuring maximum system availability to users
- Providing responsive customer-focused support and
- Provide GIS services to operational divisions as required

**Qualifications:** Pref. IT or GIS degree or NZ Certificate is desirable but is not mandatory, subject to the required level of practical experience

**Skills:**

- Several years IT experience with at least two years specialising in GIS development and systems analysis.
- Experience with a SQL server.
- The ability to supply high quality support services to internal and external clients.
- Demonstrated aptitude for supporting computer solutions.

- Communication and interpersonal skills that foster working relationships both internally and externally.
- Self-motivated and innovative; an ability to persevere and stay focussed when the going gets tough.
- Significant negotiation and mediation skills, particularly when managing suppliers and consultants.
- Keeps up to date on information technology that is relevant to the present and future needs of the organisation.
- A disciplined and organised approach to managing own workload and defined priorities.
- Able to explain and write about technical issues in a clear, succinct and persuasive manner to a non-technical audience.

**Salary Range:** \$50200 - \$57850

#### **GIS\_034**

**Position:** GIS Officer

**Organisation:** Local Government

**Duties and Responsibilities:**

- \* Management and Development of the Councils' GIS
- \* Supervision of 2 Staff
- \* Customised mapping for users.
- \* User support for GIS and associated databases..
- \* Provide technical advice on all aspects of spatial data use.
- Maintain air photo library.
- Train staff on customized GUI use
- Develop and implement Web based GIS/Mapping
- Database Design (Access)
- District Plan (Layers + mapping)
- GIS/IMS integration (Asset Management)

**Qualifications:** M.Sc (Hons 1stClass) in Geography

**Skills:**

Arcview/Ave + ArcInfo/Aml  
 Remote sensing  
 Management of systems/people  
 Technical writing (user manuals)  
 Can do attitude (always helps)  
 People person  
 Team player/ work unsupervised

Contract negotiation/writing  
planning

**Salary Range:** \$35,000 - \$45,000

#### **GIS\_035**

**Position:** GIS Analyst

**Organisation:** Local Government

#### **Duties & Responsibilities:**

Maintenance of GIS databases and completion of a broad range of GIS projects  
Provision of GIS technical support, training and services to other staff and

GIS users

Development of mobile GIS solutions and maintenance of ArcIMS service

IT Help Desk duties and other LAN network administration tasks

Project management for PC operations

#### **Qualifications:**

MSc (Geography), DipBC

5 years GIS experience

3 years AutoCAD

1,5 years IT support

1,5 years Telecommunications industry

#### **Skills:**

ArcInfo, ArcView, ArcGIS, ArcPad, ArcIMS, Erdas & AutoCAD

IT skills in LAN networking, Internet technologies, VB programming, DBMS &

IT support

**Salary Range:** \$40,000 - \$47,000

#### **GIS\_036**

**Position:** GIS Analyst

**Organisation:** Local Gov.

#### **Duties and Responsibilities:**

GIS Data Maintenance & quality assurance on Relational DB engine for intranet delivery.

Production of map requests. GIS Analysis & delivery of one-off special requirements.

**Qualifications:**

Diploma/Degree in GIS or related fields (Geography, Surveying) or work experience in the GIS field with preferable experience in the ESRI GIS software suite.

**Skills:**

All the skills required to meet the job description.

**Salary Range:** \$35 504-\$41 769

**GIS\_037**

**Position:** Senior GIS Spatial Analyst

**Organisation:** Local Gov.

**Duties and Responsibilities:**

Complex GIS Analysis and modelling of data to provide integrated data models. Developing processes to ensure maximum accuracy of data is maintained. Conversion & validation of data.

**Qualifications:**

Degree in GIS or related fields (Geography, Surveying) or substantial work experience in the GIS field with preferable experience in the ESRI GIS software suite.

**Skills:**

All the skills required to meet the job description.

**Salary Range:** \$43 487-\$51 161

**GIS\_038**

**Position:** GIS Developer

**Organisation:** Local Gov.

**Duties and Responsibilities:**

GIS RelationalDatabase analysis, designing, developing, testing and implementing. Providing application development and GIS enhancements. Ensuring GIS SQL/SDE system is operational and efficient. Create work-around solutions for GIS tool limitations.

**Qualifications:**

Degree in GIS or related fields (Programming, Geography) or work experience in the GIS field with preferable experience in the ESRI GIS software suite.

**Skills:**

All the skills required to meet the job description.

**Salary Range:** \$37 814-\$44 487

### **GIS\_039**

**Position:** GIS Team Leader

**Organisation:** Local Gov.

**Duties and Responsibilities:**

GIS Staff management. Develop GIS strategic element for Council. Project management of complex GIS development projects

**Qualifications:**

Degree in GIS or related fields (Geography, Surveying, Geology) or work experience in the GIS field with preferable experience in the ESRI GIS software suite.

**Skills:**

All the skills required to meet job description.

**Salary Range:** \$49 238-\$57 927

### **GIS\_040**

**Position:** GIS Administrator

**Organisation:** Local Government

**Duties and Responsibilities:**

GIS administration & development  
GIS strategy, advice & promotion  
Project management  
User liaison & support

**Qualifications:**

Postgraduate qualification in GIS

**Skills:**

High level of knowledge and expertise in GIS technology and methodology  
Understanding of databases used by Local Authorities  
Data analysis  
Project management

**Salary Range:** - \$50,000 - \$60,000

### **GIS\_041**

**Position:** GIS Analyst

**Organisation:** Local Government

**Duties and Responsibilities:**

GIS mapping & analysis  
Data management & development  
Tools development  
User support

**Qualifications:**

Tertiary qualification in GIS

**Skills:**

High level of knowledge and expertise in GIS technology and methodology  
GIS Analysis  
Programming AML, VBA, etc  
Understanding of databases used by Local Authorities

**Salary Range:** - \$39,000 - \$45,000

**GIS\_042**

**Position:** Regional Gis Team Leader

**Organisation:** Large consultancy

**Duties and Responsibilities:** Manage Consultancys Gis requirements and manage Gis staff, oversee new gis implementations and alike

**Qualifications:** Management and Technical Skills, some marketing

**Skills:** Esri packages, VBA, database skills, Management Skills

**Salary Range:** \$50,000 - \$70,000

**GIS\_043**

**Position:** GIS Officer

**Organisation:** Utility Company

**Duties and Responsibilities:**

Train & support users, manage spatial databases and websites.

**Qualifications:**

BSc.

**Skills:**

SQL, ArcSDE, ArcIMS, Oracle, GPS, Microsoft Office

**Salary Range:** \$48,000 - \$55,000

**GIS\_044**

**Position:** GIS Administrator

**Organisation:** Local Government

**Duties and Responsibilities:**

Administer the GIS servers

Supervise staff

Manage all GIS in Council (Intranet, website, power users, contracts for services)

Training

Contract administration

**Qualifications:**

Degree in Computing/Engineering/GIS

Geography/GIS papers and/or qualification

Local government/computing/GIS experience

**Skills:**

Computer skills in Databases , GIS software (ESRI, all components) , Excel, Access, SQL

Great people skills

**Salary Range:** \$52-000 - \$59-000

**GIS\_045**

**Position:** GIS Technical Assistant

**Organisation:** Local Government

**Duties and Responsibilities:**

Support other Council users of GIS

GIS standard tasks -à specialized tasks

Special GIS projects

Dataset maintenance

Training

**Qualifications:**

Computing/Engineering/GIS/CAD tertiary certificate

Geography/GIS papers and/or qualification

Local government/computing/GIS experience

**Skills:**

Computer skills in Databases , GIS software (ESRI, most components) , Excel, Access

**Salary Range:** \$39-000 - \$49-000

**GIS\_046**

**Position:** GIS Special Projects

**Organisation:** Local Government

**Duties and Responsibilities:**

Special GIS projects : RAPID numbering

Specific dataset maintenance

**Qualifications:**

Computing/Engineering/GIS/CAD tertiary certificate or experience

Local government/computing/GIS experience

**Skills:**

Computer skills in Databases , GIS software (ESRI, some components) , Excel

**Salary Range:** \$31-000 - \$40-000

**GIS\_047**

**Position:** GIS Coordinator

**Organization:** Local Gov, Utility

**Duties and Responsibilities:**

Ensuing GIS is meeting business need via development enhancements, project management, service level agreements, financial budgeting & reporting, ensuring uninterrupted system access, staff management & system administration.

**Qualifications:**

BSurv, 6 years Industry experience.

**Skills:** Experience with various GIS platforms, CAD, Survey, Utility Networks, Infrastructure Engineering, DB Mgmt, Project Mgmt, People Mgmt.

**Salary Range:** \$55,000 - \$65,000

**GIS\_048**

**Position:** GIS Developer

**Organization:** Local Gov, Utility

**Duties and Responsibilities:**

System Development, Procedure Automation, Scripting, Database Administration.

**Qualifications:**

DipInfoSyst, DipSurv, 15 years Industry experience.

**Skills:** Experience in various GIS platforms, CAD, Survey, Info Systems, Scripting, Macros, DB Mgmt.

**Salary Range:** \$45,000 - \$60,000

**GIS\_049**

**Position:** GIS Technician

**Organization:** Local Gov, Utility

**Duties and Responsibilities:**

Data Capture, Map Production, IMS Administration

**Qualifications:**

BA (Geography) 1 year Industry experience.

**Skills:** ArcGIS, ArcIMS, XML, Cartography.

**Salary Range:** \$35,000 - \$50,000

#### **GIS\_050**

**Position:** Analyst

**Organisation:** Central Government

**Duties and Responsibilities:**

Contribute to policies and strategies for the sector;

Manage the collection and production of data and information for key systems

Research and analyse key information and publish results

**Qualifications:**

Some form of tertiary education in the spatial sciences and /or information management would be a good start. Sector experience also useful.

**Skills:**

Spatial analysis

Information management

IT system administration

Project management

Cartography

**Salary Range:** \$50,000-\$70,000

#### **GIS\_052**

**Position:** GIS Technician

**Organisation:** GIS consultant

**Duties and Responsibilities:**

Design map, assisting work for consultants, data

quality assurance

**Qualifications:** MSc(Hons) 2 years mapping experience.

**Skills:** Microsoft suite, ArcInfo, VB, report writing

**Salary Range:** \$35,000 - \$40,000

#### **GIS\_057**

**Position:** Geospatial Policy

**Organisation:** Central Government

**Duties and Responsibilities:** International agreements, standardisation, co-production.

**Qualifications:** Draughting or Survey Qualifications. Tertiary Degree in Geography. Recognised Management Course completion. Cartographic Qualifications.

**Skills:** Experienced Geo professional: A sound understanding of mapping, charting, cadastral and geodetic production, concepts and current issues, preferably combined with policy development or practical working experience in one of the fields.

**Salary Range:** \$63,586 - \$77,716

## GIS\_058

**Position:** GIS Operator

**Organisation:** Regional Council

**Duties:** Cartography work, Training staff, Digitising, maintaining and updating the GIS database

**Qualifications:** GIS Diploma or Degree

**Skills:** Familiar with all GIS products and extensions (don't do programming)

**Salary Range:** \$40,000 - \$45,000

## GIS\_059

**Position:** Senior Information Technician

**Organisation:** Local Government

**Duties and Responsibilities:**

The purpose of this position is to produce and maintain high quality, customer responsive, geospatial, graphical and textural data in a timely manner and to enable the provision of electronic access to the resulting information products by internal and external customers.

**Customer Service**

Proactively support customers/clients and prospective project developers by providing relevant and timely information Maintain a close and effective working relationship with other Council Units and staff Demonstrate true interest in client needs Offer innovative alternative solutions where needed Consultation with internal/external customers to ensure best outcomes Develop strong business relationships with existing and new customers, and partnerships with internal and external service providers Deal with customer queries with regard to data accuracy, data usage and data integrity (this requires

a thorough understanding of core data and the relevant legislation to which the management and usage of this data applies.)

#### Team Membership

Planning and monitoring work to meet the needs of clients  
Developing and maintaining a personal value plan (PVP)  
Seek support from colleagues to increase knowledge and skills  
Work effectively and efficiently in a cost-accountable manner  
Seek feedback and initiate appropriate constructive actions  
Being open to the influence and ideas of others  
Practice proactive listening  
Offer support to colleagues to assist with workloads and development of skills/knowledge  
Share and celebrate success

#### Data Maintenance

Effective data maintenance on behalf of internal/external customers including both graphical and textual data  
Documentation of processes for the maintenance of graphical and textual data

#### Data Management

Proposing improvements, leading and participating in collaborative projects at the CCC and with other organisations to enhance the quality, completeness and usefulness of data for which Data Intelligence is responsible  
Defining and documenting the roles and standards for monitoring and auditing data maintenance activities  
Testing core systems to ensure data integrity is maintained  
Monitoring and documenting Data Intelligence Team processes and relationships to ensure effective data maintenance  
Provide support and training to users of the data  
Involvement in the development and testing of new products and strategies that move the organisation forward in terms of data management e.g. case tools, public works, geomedia add-ons)

#### Reporting

Generate reports, both graphical and textual, from Corporate systems in response to customer requests  
Analyse corporate data in response to customer requests  
Assist customers in defining their reporting and analysis requirements  
Define and document reporting processes

#### Contract Management

Monitor contracts to ensure data supply and equipment maintenance schedules are met e.g. cost/timeframe/quality  
Report contract activities to customer and stakeholders  
Liaise with contract partners e.g. NIWA, Headway, etc.

#### Project Management

Develop and implement project scopes  
Monitor project to ensure the project scope is met e.g. cost/timeframe/quality  
Report project progress to customers, stakeholders and sponsor  
Consult with project partners

#### Health & Safety

Employees: Responsible for keeping yourself and others safe while at work, complying with CCC health and safety systems and wearing protective clothing and using equipment provided.

#### **Qualifications & Training:**

Current experience in five or more of the following applications: GEMS, Geomedia, SAP, Microstation, WebMap, MapInfo, Spatial overlay, Valuation Data Hub, SQL, SMMS, Power Designer, Flosys/ Tideda (Hydrometrics), MS Access, Crystal Reporting, Web Publisher An understanding of all data sets maintained by the Team and an awareness of their various applications Experience in managing projects including design, planning and reporting.

Experience in the documentation of policies, procedures and processes. An awareness of key local government legislation (e.g. Local Government Act, Rating Act) and its applicability to the maintenance, management and reporting of data and information.

**Skills:**

Consultation skills  
Change adaptability  
Continuous improvement  
Creative thinking

**Salary Range:** \$42,000 - \$58,000

**GIS\_060**

**Position:** GIS Team Leader

**Organisation:** Local Government

**Duties and Responsibilities:**

- Provide leadership/direction to small GIS team
- Creation and implementation of GIS related solutions to council's "problems"
- Administration and development of/in ArcIMS
- General GIS analysis and map production
- Responsible for data accuracy and integrity
- Promotion of GIS within council

**Qualifications:** Tertiary Qualification in GIS or related

**Skills:**

- 5+ years experience with ESRI suite
- Programming skills
- Project management
- Leadership experience
- Excellent Communication

**Salary Range:** \$55,000 - \$65,000

**GIS\_061**

**Position:** GIS Technician

**Organisation:** Aerial Ag

**Duties and Responsibilities:**

Purchasing of aircraft GPS systems, updating GPS and receiver software. Troubleshooting GPS units and accessories.

Extract aircraft GPS data, convert to ESRI standard and apply to map/boundary for printout purposes as required.

Take client GIS boundary, exclusion zone and spread pattern data and convert into aircraft GPS format as required.

Digitize boundary files from varied sources for input into aircraft GPS.

**Qualifications:**

Understanding of pilot and end-user requirements.

**Skills:**

Good PC skills, some programming, GIS understanding, sense of humour

**Salary Range:** \$38,000 \$43,000

**GIS\_062**

**Position:** GIS Analyst

**Organisation:** Local Government

**Duties and Responsibilities:** analysis, map production, data supply, data maintenance, training.

**Qualifications:** Bachelors in Science typically Geography/GIS/IT

**Skills:** ArcGIS Training with Eagle

**Salary Range:** \$48,000 to \$55,000

**GIS\_063**

**Position:** Information Technician

**Organisation:** Local Government

**Duties and Responsibilities:**

The purpose of this position is to produce and maintain high quality, customer responsive, geospatial, graphical and textural data in a timely manner and to enable the provision of electronic access to the resulting information products by internal and external customers.

Customer Service

Proactively support customers/clients and prospective project developers by providing relevant and timely information Maintain a close and effective working relationship with other Council Units and staff Demonstrate true interest in client needs Offer innovative alternative solutions where needed Consultation with internal/external customers to ensure best outcomes Develop strong business relationships with existing and new customers, and partnerships with internal and external service providers Deal with customer queries with regard to data accuracy, data usage and data integrity (this requires a thorough understanding of core data and the relevant legislation to which the management and usage of this data applies.)

#### Team Membership

Planning and monitoring work to meet the needs of clients Developing and maintaining a personal value plan (PVP) Seek support from colleagues to increase knowledge and skills Work effectively and efficiently in a cost-accountable manner Seek feedback and initiate appropriate constructive actions Being open to the influence and ideas of others Practice proactive listening Offer support to colleagues to assist with workloads and development of skills/knowledge Share and celebrate success

#### Data Maintenance

Effective data maintenance on behalf of internal/external customers including both graphical and textual data  
Documentation of processes for the maintenance of graphical and textual data

#### Data Management

Proposing improvements, leading and participating in collaborative projects at the CCC and with other organisations to enhance the quality, completeness and usefulness of data for which Data Intelligence is responsible Defining and documenting the roles and standards for monitoring and auditing data maintenance activities Testing core systems to ensure data integrity is maintained Monitoring and documenting Data Intelligence Team processes and relationships to ensure effective data maintenance Provide support and training to users of the data Involvement in the development and testing of new products and strategies that move the organisation forward in terms of data management e.g. case tools, public works, geomedia add-ons)

#### Reporting

Generate reports, both graphical and textual, from Corporate systems in response to customer requests Analyse corporate data in response to customer requests Assist customers in defining their reporting and analysis requirements Define and document reporting processes

#### Health & Safety

Employees: Responsible for keeping yourself and others safe while at work, complying with CCC health and safety systems and wearing protective clothing and using equipment provided.

Generic accountabilities: customer service, leadership, learning, culture, achieving community outcomes

#### **Qualifications & Training:**

Current experience in three or more of the following applications: GEMS, Geomedia, SAP, Microstation, WebMap, MapInfo, Spatial overlay, Valuation Data Hub, SQL, SMMS, Power Designer, Flosys/ Tideda (Hydrometrics), MS Access, Crystal Reporting, Web Publisher An awareness of most data sets maintained by the Team and an awareness of their various applications Attention to detail Ability to plan and monitor own work An awareness of key local government legislation (e.g. Local Government Act, Rating Act) and its applicability to the maintenance, management and reporting of data and information.

**Skills:**

Learning  
Team Working  
Change adaptability  
Creative thinking  
Process

**Salary Range:** \$37,000 - \$50,000

**GIS\_064**

**Position:** Assistant Information Technician

**Organisation:** Local Government

**Duties and Responsibilities:**

The purpose of this position is to produce and maintain high quality, customer responsive, geospatial, graphical and textural data in a timely manner and to enable the provision of electronic access to the resulting information products by internal and external customers.

**Customer Service**

Proactively support customers/clients and prospective project developers by providing relevant and timely information Demonstrate true interest in client needs Deal with customer queries with regard to data accuracy, data usage and data integrity (this requires a thorough understanding of core data and the relevant legislation to which the management and usage of this data applies.)

**Team Membership**

Planning and monitoring work to meet the needs of clients Developing and maintaining a personal value plan (PVP) Seek support from colleagues to increase knowledge and skills Work effectively and efficiently in a cost-accountable manner Seek feedback and initiate appropriate constructive actions Being open to the influence and ideas of others Practice proactive listening Offer support to colleagues to assist with workloads and development of skills/knowledge Share and celebrate success

**Data Maintenance**

Effective data maintenance on behalf of internal/external customers including both graphical and textual data

#### Data Management

Proposing improvements, and participating in collaborative projects at the CCC and with other organisations to enhance the quality, completeness and usefulness of data for which Data Intelligence is responsible Implementation of defined processes for updating data (see data maintenance above). Involvement in the testing of new products and strategies that move the organisation forward in terms of data management (e.g. public works, geomeia add-ons)

#### Health & Safety

Employees: Responsible for keeping yourself and others safe while at work, complying with CCC health and safety systems and wearing protective clothing and using equipment provided.

Generic accountabilities: customer service, leadership, learning, culture, achieving community outcomes

#### **Qualifications & Training:**

Current experience in one or more of the following applications: GEMS, Geomeia, SAP, Microstation, WebMap, MapInfo, Valuation Data Hub, MS Access, Crystal Reporting Attention to detail Ability to plan and monitor own work An awareness of key local government legislation (e.g. Local Government Act, Rating Act) and its applicability to the maintenance, management and reporting of data and information.

#### **Skills:**

Learning  
Team Working  
Change adaptability  
Process

**Salary Range:** \$31,000 - \$43,000

### **GIS\_065**

**Position:** Analyst Programmer

**Organisation:** Local Government

#### **Duties and Responsibilities:**

Programming with ArcObjects to automate routine process or aid in data capture process and integration, Underground services. Training. Too many to list.

Qualifications: Bachelor degree in Computing / Programming

#### **Skills:**

Experience with ESRI suite of products, programming background, ability to work in a team as well as self managed. Good oral and written communication. Problem solving and analytical skills. Understanding of Engineering, plans, specifications etc.

**Salary Range:** \$48,000 – \$52,000

### **GIS\_066**

**Position:** GIS Technician

**Organisation:** Private Organisation

**Duties and Responsibilities:** Digitizing, calibrating, database management

**Qualifications:** Bachelor of Science

**Skills:**

**Salary Range:** \$20,000-\$25,000

#### GIS\_067

**Position:** GIS Technician

**Organisation:** Crown Research Institute

**Duties and Responsibilities:**

Data processing and analysis, chart and graphics output, report writing

**Qualifications:** MSc

**Skills:** ESRI ArcView 3.x, ArcGIS 8.x, scripting (PERL/PYTHON), AVENUE Programming

**Salary Range:** \$40,000 - \$45,000

#### GIS\_068

**Position:** GIS Analyst

**Organisation:** Consultancy.

**Duties and Responsibilities:** Production of maps and figures. Customisation of ArcMap environment using VBA for ArcObjects.

**Qualifications:** Qualification required (in my opinion) would be an undergrad degree.

**Skills:** Required for job - use of ArcGIS 9, ArcView 3.2, some geoprocessing, minimal spatial analysis, drafting of figures, use of graphics packages, programming of ArcObjects with VBA.

**Salary Range:** \$48,000 – \$58,000

#### GIS\_069

**Position:** GIS Technician

**Organisation:** Research Company

**Duties and Responsibilities:** Collect, analyse and map agricultural data. Handle Excel files and produce outputs for others in company, compare current and previous years results.

**Qualifications:** GIS degree

**Salary range:** \$35,000-\$40,000

## GIS\_070

**Position:** Senior Tutor (GIS)

- **Organisation:** Tertiary Education provider

**Duties and Responsibilities:** Course development, teaching, lecturing, online tutoring and problem resolution. Research, academic writing and seminars.

**Qualifications:** Postgraduate diploma in GIS related discipline.

**Skills:** Internal and extramural teaching and course development. Use of online teaching tools such as WebCT. Familiarity with GIS software, particularly ESRI based products. Ability to undertake research and publish results in GIS related journals. Ability to forge links with the wider community about GIS education and availability.

**Salary Range:** \$47,000 - \$57,000

## GIS\_071

**Position:** GIS Analyst

**Organisation:** Central Government

**Duties and Responsibilities:**

- Provide authoritative spatial information/solutions for the analysis of the primary sectors
- Provide specialist GIS capability to key reporting, statistical and database management programs
- Undertake annual planning for the organisations geospatial commitments/responsibilities
- Assist in meeting national and international reporting obligations

**Qualifications:** MSc (Geographic Information Science)

**Skills:**

- Competency in the application of spatial information to policy analysis
- Demonstrates competency in the ESRI suite of GIS software
- Demonstrates the capacity to build and sustain positive working relationships with staff at all levels, contacts in both the public and private sectors, industry professionals/researchers, and both national and international stakeholders

**Salary Range:** \$43,500 - \$76,100

**GIS\_072**

**Position:** GIS Analyst

**Organisation:** Local Government

**Duties and Responsibilities:**

**Gis analysis**

Manipulate, model and analyse spatial and non spatial data to provide integrated information and solutions for customers as required. Research,

**GIS Data Management/Maintenance**

Convert, capture, maintain and validate data from external and internal sources. Database administration and maintenance.

**GIS Support**

Provide GIS services to support business output and information analysis.

Provide technical services and support.

Customisation of GIS software for Council applications.

**Relationship Management**

Identify and understand the business needs of internal customers and external business partners.

Mentor, train, support and consult staff's GIS usage.

**Qualifications:**

Computing/Engineering/GIS/CAD tertiary certificate

Geography/GIS papers and/or qualification

Local government/computing/GIS experience

**Skills:**

Computer skills in Databases , GIS software (ESRI, most components) , Excel,Access

**Salary Range:** \$44,000 - \$55,000

**GIS\_073**

**Position:** Cartographer I

**Organisation:** Regional Council

**Duties and Responsibilities:** Provide mapping services, having regard to scale and cartographic conventions

**Qualifications:** A Tertiary Degree in Geography, GIS or equivalent.

**Skills:** Well-developed knowledge of cartography practices and computer based mapping processes.

**Salary Range:** \$44,010 - \$53,790

#### **GIS\_074**

**Position:** Cartographer II

**Organisation:** Regional Council

**Duties and Responsibilities:** Provide mapping services

**Qualifications:** A Tertiary Degree in Geography, GIS or equivalent.

**Skills:** Well-developed knowledge of cartography practices and computer based mapping processes.

**Salary Range:** \$39,990 - \$45,210

#### **GIS\_075**

**Position:** GIS Analyst I

**Organisation:** Regional Council

**Duties and Responsibilities:** Provide interpretive products (maps and reports) from analytical review of appropriate datasets, which are complete and accurate for both internal and external customers.

**Qualifications:** A tertiary degree in Geography, GIS or equivalent.

**Skills:** Well-developed knowledge of GIS theory and application, spatial information processing, and geospatial data processing tools.

**Salary Range:** \$44,010 - \$53,790

## GIS\_076

**Position:** GIS Analyst II

**Organisation:** Regional Council

**Duties and Responsibilities:** Provide interpretive products (maps and reports) from analytical review of appropriate datasets, which are complete and accurate for both internal and external customers.

**Qualifications:** A tertiary degree in Geography, GIS or equivalent.

**Skills:** Well-developed knowledge of GIS theory and application, spatial information processing, and geospatial data processing tools.

**Salary Range:** \$39,456 - \$48,224

## GIS\_077

**Position:** GIS Analyst Programmer

**Organisation:** Regional Council

**Duties and Responsibilities:** Maintain and develop applications in conjunction with GIS analysts and data programmers ensuring clearly documented developments and modifications.

**Qualifications:** A tertiary degree in Geography, GIS, Information Sciences or equivalent.

**Skills:** Knowledge of GIS theory and application, spatial information processing, geospatial data processing tools as well as programming and development.

**Salary Range:** \$58,050 - \$70,950

## GIS\_078

**Position:** Spatial Applications Specialist

**Organisation:** Regional Council

**Duties and Responsibilities:** To provide effective and efficient spatial data services, through the processing of data and extraction of information to create products, and the provision of training in GIS internally.

**Qualifications:** A tertiary degree in Geography, GIS or equivalent

**Skills:** Knowledge of Spatial information processing, and geospatial data processing tools, and additional expertise in surveying and GPS technologies.

**Salary Range:** \$41,400 - \$50,600

#### **GIS\_079**

**Position:** Principle Geospatial Analyst

**Organisation:** Regional Council

**Duties and Responsibilities:** Provide interpretive products (maps and reports) from analytical review of appropriate datasets, which are complete and accurate for both internal and external customers.

**Qualifications:** A tertiary degree in Geography, GIS or equivalent. Preferably a Master's degree or post graduate diploma in the same fields.

**Skills:** Advanced knowledge of GIS theory and application, spatial information processing, and geospatial data processing tools, and additional expertise in surveying and GPS technologies.

**Salary Range:** \$58,050 - \$70,950

#### **GIS\_080**

**Position:** Project Manager GIS and Spatial Information related projects

**Organisation:** Local Government

**Duties and responsibilities:** Provide GIS Consultancy across Organization, Project Manage the GIS Integration and implementation of GIS applications within the Organisation

**Qualifications:** Tertiary or Post Graduate qualification in GIS, Surveying, Information Management, Business Systems or a related discipline and equivalent experience

**Skills:** Project management tools and methodologies, Risk & Issue management, Experience in managing project budgets, identifying costs and ROI, sound understanding of the GIS industry

**Salary Range:** \$51,750 - \$75,900

#### **GIS\_081**

**Position:** Senior GIS Consultant

**Organisation:** Private Company

**Duties and Responsibilities:**

Resolving technical issues

Leading development

Scoping out projects

ArcSDE development

SQL Server database development

ArcGIS development

ArcPad development

**Qualifications:**

Civil Engineering Diploma

**Skills:**

ArcGIS, ArcSDE, SQL Server, Oracle, Visual Studio (VB, C++), ArcPad, AML, SQL,

**Salary Range:** \$65,000 - \$75,000

**GIS\_082**

**Position:** Data/GIS Analyst

**Organisation:** Crown/Farming

**Duties and Responsibilities:**

SDE Administration, Data Modeling, Data/GIS Analyst, GIS System Designer

**Qualifications:**

BA. Various GIS Courses incl SDE admin, ER Mapper

**Skills:**

SDE Admin, Spatial Analysis

**Salary Range:** \$60,000 - \$70,000

**GIS\_083**

**Position:** GIS Analyst

**Organisation:** Consultancy

**Duties and Responsibilities:**

Undertake GIS tasks as required for various projects, assist in fee offers, client liaison, support junior staff.

**Qualifications:** BSc (Earth Science), GradDipAppSc.

**Skills:**

Data analysis (various – basic to more complicated tasks), map production, management and client liaison skills.

**Salary Range:** \$55,000 - \$60,000.

**GIS\_084**

**Position:** Senior Technical Support Officer (GIS)

**Organisation:** DOC

**Duties and Responsibilities:**

Provide national GIS support for recreation planning, develop spatial models in support of Conservation Management Strategies, support Conservancies in completing spatial data capture

**Qualifications:**

Minimum of a tertiary qualification + experience

**Skills:**

Sound understanding of GIS theory and competence in its application, especially ESRI products, MS word, excel and access

**Salary Range:** \$45,000 - \$74,000

**GIS\_085**

**Position:** Forest GIS Officer.

**Organisation:** Private Forestry Company.

**Duties and Responsibilities:**

Develop and maintain GIS and Forest Operations Database.  
Coordinate training of, and migration of GIS to forestry operations staff.

**Qualifications:**

Tertiary Qualification in GIS or Forestry with practical GIS experience.

**Skills:**

Provide and maintain an effective internal Spation Information database. Experience in GIS, ARCVIEW and ARCINFO. Experience with GPS. Training staff and troubleshooting GIS issues. An awareness of plantation forestry operations is preferable.

**Salary Range:** \$45,000 - ??

**GIS\_086**

**Position:** IS Manager

**Organisation:** Private Plantation Forestry Company

**Duties and Responsibilities:**

Administer the management and provision of all technological support services for the entire companies systems. Staff administration, Quality control, Programming, Development, IT Capital acquisitions and disposals, Reporting, System evaluation.

**Qualifications:**

NZCertificate Draughting (Not applicable to the role)

**Skills:**

GIS Administration, SQL Administration, Python, VB Scripting, AML, Network Administration, People Management, Reporting, Communications, Project Management.

**Salary Range:** \$67,500 ~ 110,000.

**GIS\_087**

**Position:** GIS Analyst

**Organisation:** Local Government

**Duties and Responsibilities:**

GIS Data provision  
Efficient and effective development of the GIS system  
Efficient and effective promotion of GIS  
Operation of the GIS  
Efficient and effective management of the GIS

**Qualifications:** Post Graduate Diploma in Science/GIS

**Skills:**

Good working knowledge of GIS & use of computers  
Minimum 2 years GIS software experience  
Graphics presentation and cartographic skills Ability to work with both GIS users & Senior management  
Good oral & written communication skills  
Ensure maintenance & integrity of the GIS is maintained  
Be customer focused  
Have a high level of initiative, judgement & accuracy  
Develop working solutions to technical & production problems

**Salary Range:** \$48,000 - ??

**GIS\_088**

**Position:** GIS Officer

**Organisation:** Public Service

**Duties and Responsibilities:**

Provide and maintain spatial information service in accordance with staff and business requirements

Provide spatial information advice and coaching on use and benefits of technology, improve GIS, GPS technology uptake

Provide overall management of spatial information systems and databases

Provide GIS, GPS, IT services, information and advice to customers, maps for reports and plans, technical support for projects

Maintain information systems, databases

Input into national systems

Input into improving local outcomes with GIS

Identify and understand the business needs of internal customers

**Qualifications:**

Formal qualification with papers in GIS / spatial systems or equivalent experience

**Skills:**

Works within organisation's systems, follows best practice

Sound understanding of GIS theory and competence in its application

Competence in Word, Excel

Understanding of organisation's business

Advice given is correct, tactical, prioritised

Internal customer focus

Relationship skills

Comprehensive communication/presentation skills

Analytical skills

**Salary Range:**

\$32,000 - \$61,000