

GeoRURAL GIS database system

GeoAMS

Asset management systems

GeoFEP

Farm environmental plans

GeoAUDITOR

paperless FEP
auditing

GeoFARM

Corporate farming
AMS systems

GeoNUTRIENT

Fast nutrient budgets

What is GeoRURAL

Spatial database
Collaborative environment
Set of tools for collecting/viewing data
Third party datasets

What tools does it use?

Geo**MOBILE** (maps/data in the field)
Geo**WEB** (interactive web maps)
Geo**PHOTO** (geo-tagged photos)

Multiple ways to view/modify data

PC/laptop
Tablet in the field
Interactive web maps
Printed maps and wall plans



GeoRURAL Features

STANDARD SYSTEM

Most major Canterbury irrigation schemes using the system
Avoids 'reinventing the wheel'
Lowers costs

FUTURE PROOF

Industry standard data formats will still work in 20 years time
Software widely used (10M+ users)
Not reliant on custom software or hardware

CONTROL

Client in control of their data
Integrates with existing systems
Cloud synchronisation across multiple computers

Who uses GeoRURAL

IRRIGATION SCHEMES

GeoRURAL is used to manage multiple aspects of irrigation schemes including:

- Asset management
- Farm Environmental Plans
- Spatial share registers
- Maintenance, race cleaning and race spraying
- Paperless recording of gate changes and seepage monitoring
- Spatial database of historic maps and construction drawings
- Farm water use maps from water records
- Nutrient management
- Spatial database of consents and easements

FARMING CORPORATES

GeoRURAL is used by some of NZ's largest corporates. Uses include:

- Asset management (particularly water infrastructure)
- Operations and maintenance
- Land management
- Farm Environmental Plans
- Farm purchase Due Diligence

Using GIS for Environmental Management and Reporting

Accessing individual farm information
Easy access to scheme consent information
Irrigated areas and irrigation types at a glance or in detail
Farm Environment Plans
Environmental Risk Assessment
Integrating GIS photos
Management planning
Using GIS and cloud storage is a robust and flexible way to manage environmental recording and reporting
All data immediately available



Ross Bishop
Operations Manager
Lower Waitaki Irrigation Company

"The QGIS system has become an invaluable tool for us and is used on a daily basis not only for managing scheme assets but as a useful operational tool for tracking maintenance and working on scheme development projects. I can't imagine not having it."

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