

Spatial modeling, geographic information systems and data analysis

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ACIL Tasman has substantial experience in applying Geographic Information Systems (GIS) to spatial modelling in economic assessment and data analysis and to assessing the impact of spatial information in national economies.

The ability to map and explore spatial links between economic, social, demographic and physical data has numerous benefits. Almost any economic problem that contains the question "Where?" can be addressed with enlightening results through the use of GIS based techniques.

ACIL Tasman has combined geospatial and GIS capabilities with Tasman Global to assess the overall impact of changes in economic activity and/or productivity in a regional economy. Typical consultancy tasks include:

- urban and regional planning
- natural resource management
- infrastructure planning
- market supply and demand analysis
- policy impact studies
- identification of priority areas for service provision.

ACIL Tasman has also undertaken major projects in assessing the value of geospatial information in Australia and New Zealand. It has advised geospatial firms on market developments and industry policy.

See our spatial modelling and Geographic Information Systems case studies.

Contact us to find out more about the application of spatial modelling to your issues.