



FRIDRIK BJARNSON

GIS & DATA SPECIALIST

*Bachelor of Science
(Geography)*

PROFILE

Fridrik Bjarnason is a geographer with over 8 year working experience, both in the government and private sector. He specialises in cartography, geographic information systems (GIS) and data analysis. Fridrik has experience with multiple GIS platforms including ESRI ArcGIS and Pitney Bowes MapInfo. He has also done extensive work on economic modelling, demographics profiling and remote sensing. Fridrik has worked in planning consultancy as the main GIS staff member of SGS Economics and Planning Brisbane office. During his time there he participated in multiple planning related projects such as the Macleay Island Centres Study Review, the Gold Coast Activity Centres Strategy Review, the Mareeba and Cook Shire Priority Infrastructure Plan, the Tweed Shire Cultural and Community Facilities Plan, the Macleay Island Centres Study.

Fridrik has worked as a sub-contractor for Thao Ashford Planning Consultant for the last 4 years and during that time he was involved in the City of Perth Community Infrastructure Plan, Keralup Community Needs Assessment, City of Belmont Community Infrastructure Plan as the GIS and data analysis specialist. He is also currently working on the Mid West and Gascoyne Social Infrastructure Requirements Study and Greater Geelong Social Infrastructure Plan with Thao Ashford Planning Consultant.

CAREER HISTORY

- Contractor for GIS, cartography and data analysis - Thao Ashford Planning Consultant 2011 - Current
- Geographer staff working on GIS and Land management - Register Iceland
- Contractor for cartography, GIS, demographics and data analysis - Queensland Police Service, GIS Section
- Consultant working on cartography, GIS, demographics and data analysis - SGS Economics and Planning

EXPERIENCE

- Geographic Information Systems
- Cartography
- Demographic analysis
- Demographic projections
- Geo-economic analysis
- Geo-economic projections
- Land management
- Cadastre data management
- Remote sensing

PROJECT EXPERIENCE

[Greater Geelong Social Infrastructure Plan | City of Greater Geelong](#) **Current:** Thao Ashford Planning Consultant has been commissioned by the City of Greater Geelong to prepare a Social Infrastructure Plan for the Municipality. The purpose of this Plan is to guide investment into the future provision of social infrastructure for the next 20 years. Fridrik's role on this project will be data analysis and GIS mapping.

[Mid West & Gascoyne Social Infrastructure Requirements Study | WA Department of Planning](#) **2014:** The Department of Planning has recently appointed Thao Ashford Planning Consultant as the principal consultant to undertake the Mid West & Gascoyne Social Infrastructure Requirements Study'. The aim of the study is to examine social infrastructure needs within the Mid West and Gascoyne regions and develop recommendations of social infrastructure investment to meet the needs of the population to 2051. Fridrik's role on this project was data analysis and GIS mapping.

[Community Infrastructure Plan for City of Belmont | City of Belmont](#) **2012:** In 2012, Council engaged a consortium of consultants led by Thao Ashford Planning Consultant to undertake a community infrastructure needs assessment and prepare the Community Infrastructure Plan for the City of Belmont. The project required extensive thematic mapping and Fridrik's role was to undertake this mapping as well as baseline demographic and data analysis.

[Community Infrastructure Plan for the Central Perth Area | City of Perth and Metropolitan Redevelopment Authority](#) **2012:** In 2010, the City of Perth (CoP) and the Metropolitan Redevelopment Authority embarked on a comprehensive study to identify the social infrastructure requirements for the Central Perth Area to 2031. Thao Ashford Planning Consultant was engaged to build on the work completed to date to identify future social infrastructure requirements for the Central Perth Area. Fridrik's role on this project was data analysis and GIS mapping.

[Keralup Community Needs Assessment | WA Department of Housing](#) **2011:** The Department of Housing have identified the need to undertake a Community Needs Assessment to inform current and future planning of Keralup to clearly articulate future community infrastructure needs resulting from the proposed development (both internal and external to Keralup). Thao Ashford Planning Consultant was the lead consultant and the Project Manager for this project. Fridrik's role on this project was data analysis and GIS mapping.

[Housing Affordability Programme Liveable Compact Cities Project | Council of Mayors](#) **2011:** The Liveable Compact Cities Project focuses on the role of medium density residential development in improving housing affordability. It forms a critical element to contributing to the achievement of broader regional objectives under the South East Queensland Regional Plan. Thao Ashford Planning Consultant is providing advice and input into the technical aspects of this project. Fridrik's role on this project was data analysis and GIS mapping.