Senior GIS Research Officer

Division	Planning	Department	Strategic Planning and Place Making
Reports To	Coordinator Regional Planning and Growth Monitoring	Direct Reports	No

Position Purpose

This position will provide specialised advice and undertake complex spatial, data and demographic analysis, to support the delivery a regional growth monitoring program and provide an evidence-base to inform strategic land use and infrastructure planning decision-making processes to meet the needs of the community within the Moreton Bay Regional Council area.

Key Responsibilities and Outcomes

Operational

As a Senior GIS Research Officer within the Strategic Planning and Place Making team you will:

- Provide specialist Geographical Information Services (GIS) advice and guidance to support the delivery of the regional growth monitoring program to inform decisions and ensure project outcomes are achieved.

- Lead key regional growth monitoring program projects such as land supply/demand and development activity monitoring to achieve strategic and business outcomes.

- Implement innovative, best practice methodologies and processes for obtaining, maintaining, engineering and analysing data, maintaining high standards of data integrity, data governance (including archiving and version control of data), metadata creation and data visualisation for a varied audience of customers.

- Develop, maintain, and manage the program's spatial information data, data methodologies and governance processes including strategic planning datasets, Council's planning scheme maps and associated planning scheme products.

- Lead the delivery of spatial and non-spatial data analytics solutions utilising a range of products and tools for data analysis, modelling, database design, data visualization, 2D/3D modelling, cartographic and planning scheme outputs and demographic, trend and statistical analysis to ensure program outcomes are achieved.

- Undertake improvement activities associated with data capture, maintenance and verification of strategic and urban planning related information in Council's spatial systems to drive best practice outcomes.

- Contribute to a positive team environment in order to achieve a high performance, continuous improvement and customer focused culture.

- Build strong relationships across a range of diverse internal and external stakeholders to ensure projects and service deliverables are achieved.

Values

At Moreton Bay Regional Council we are on a journey to creating a great culture. Our values shape the way we behave and how we interact with each other to deliver the best service to the community. The safety of you and the community is our number one priority and we are all responsible for creating an inclusive, safe workplace and protecting our environment. As a team member you will take individual accountability for demonstrating the values expectations and behaviours.

Decision Making

Budget - Nil
Delegations - Delegations under the Local Government Act 2009 and as directed and published in Council's Delegation Register

Knowledge & Experience

- Comprehensive knowledge and experience in relevant technical tools for spatial, data and demographic analysis, specifically in relation to urban research and growth monitoring.

- High level investigative, analytical and research skills including proficiency in the use of a range of software applications used to record, manipulate and present planning and project programming data.

- High level proficiency in the use of data modelling tools, programming languages such as Python and R and other data analysis products such as 3D modelling and ArcGIS Online/Enterprise with the ability to plan and deliver training to end users.

- Ability to service client data requests with a high level of technical rigour in uncertain or emergent circumstances and in a rapidly changing environment

- High level people and relationship skills with the demonstrated ability to work in a team environment, contributing to a positive work environment with a strong focus on provision of quality customer service and to mentor and facilitate professional development and competencies of other team members.

- Excellent communication skills with an ability to communicate complex planning and data analysis concepts and matters in a simple and concise manner (both verbally and in written form) and negotiate sustainable outcomes.

Qualifications

- Degree in spatial science, geographical information and data analysis or equivalent.

- Current C class driver's licence.

This position description reflects a summary of the key accountabilities of the position, it is not intended to be an all-inclusive list of duties, steps and tasks.   Leaders may direct team members to perform other duties at their discretion.