

Senior GIS Research Officer - new Urban Growth Model

Directorate	Planning	Department	Strategic Planning and Place Making
Reports To	Coordinator new Urban Growth Model	Direct Reports	No

Position Purpose

This position will provide senior Geographical Information Services (GIS) research and specialised advice, including complex urban planning data analysis, to support the delivery of a new Urban Growth Model for Moreton Bay Regional Council.

Key Responsibilities and Outcomes

Operational

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

- Act as a technical expert and provide specialist GIS advice and guidance to team members to support the development and implementation of the new Urban Growth Model.
- Develop and implement innovative, best practice methodologies and processes to obtain, maintain, engineer and analyse 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 and stakeholders of the new Urban Growth model.
- Lead the delivery of spatial and non-spatial data analytics solutions utilizing a range of products and tools for data analysis, modelling, database design, data visualization and 2D/3D modelling s for the new Urban Growth model
- Support the development of a high performance, professional, supportive and customer focused team culture, encouraging collaboration and innovation to deliver agreed project outcomes.
- Provide senior technical input into the development and implementation of key policies and procedures relating to the new Urban Growth model.
- Contribute to a positive team environment in order to achieve a high performance, continuous improvement and customer focused culture.
- Build high level relationships across a range of diverse internal and external stakeholders to ensure projects and service deliverables are achieved.
- Act as a department delegate, providing a source of professional advice to key stakeholders.

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.



**A THRIVING REGION OF OPPORTUNITY WHERE OUR COMMUNITIES
ENJOY A VIBRANT LIFESTYLE**

Decision Making

Budget - Nil

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

Knowledge & Experience

- Considerable 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 practical, pragmatic and 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.