

Position Title:	Imagery Analyst	Classification Level:	Level 6
Position Number:	3250009	Location:	Midland
Reports To:	Manager Earth Observation, L6	Positions Under Control:	0
Branch / Section:	Earth Observation	Job Families/	Science & Technical – Earth Sciences / Spatial Data
Business Unit:	Location Services	Leadership Context:	Leading others – Knowledge Leader

Business Area Overview

Location Services provides trusted location data and spatial services to support the management and development of Western Australia to benefit the community. Earth Observation creates and maintains the State's foundational location information, explores advanced earth observation and delivers remote sensing services to customers.

Role Summary

The Lead Imagery Analyst role provides expert SME support to CaptureWA and Spatial WA and other stakeholders with respect to capture, processing, delivery and use of high-resolution imagery datasets for 3D surface and 3D object creation for spatial digital twins and other purposes.

Responsibilities

- Applies expert knowledge to resolve highly complex and/or serious technical issues from customers and industry stakeholders related to high resolution imagery.
- Provide specialist advice to the Capture WA program including technical specifications, quality control processes, and guidance on the generation of solutions using high resolution capture activities (ground or airborne based)
- Research, analyse and undertake complex data transformations of imagery and LiDAR data to derive spatial features, including the generation of new datasets.
- Oversee the creation of 3D surfaces and objects for spatial digital twins, including developing specifications of quality assurance processes where these outputs are internally or externally sourced.
- Liaises with and provides subject matter expertise to Government programs and projects supporting the creation and maintenance of 3D surfaces, leveraging current and historical imagery and LiDAR datasets.
- Collaborates with the Manager Earth Observation to determine work programs and projects based on available resources. Coordinates the delivery of enhanced products and services, ensuring compliance with quality, technical and legislative requirements, while assessing team performance.
- Contributes to the development of business plans and budget forecasting.
- Maintains an expert level of skill and knowledge of emerging technologies and trends within the industry in addition to related legislation, regulation and policies.
- Provides expert information, advice and recommendations to internal and external stakeholders on policy, procedural changes and project proposals.
- Develops and maintains strategic partnerships across Landgate to facilitate Earth Observation service delivery.
- Proactively identifies opportunities for innovation and improvement and works with stakeholders across the business to implement these.
- Participates in internal and external committees and working groups, acting a representative for the business area.

- Adheres to Work Health and Safety (WHS) policies and procedures that ensures the safety of staff and customers.
- Acts with integrity at all times, demonstrates behaviours aligned with Landgate's code of ethics and works within relevant policies and procedures, contributing to the accountabilities of the team.
- Performs other duties as directed.

Essential Role Requirements

Expected Behaviours

Landgate has adopted the Public Sector [Leadership Expectations framework](#), and this role sits in the **Leading Others** context. Leadership in this first formal positional leadership context is about motivating and enabling others to deliver high quality work that contributes to the agency.

- **Lead collectively** – You link the work of your team and your domain of expertise to the agency's objectives and can explain this linkage clearly to others.
- **Think through complexity** – You approach problems with curiosity, seek to understand and identify the root causes of problems and initiate solutions with confidence.
- **Dynamically sense the environment** – You adapt your communication style to target audience to influence or persuade.
- **Deliver on high leverage areas** – You train others to think about their work and how it relates to high leverage areas and monitor the implementation and completion of tasks.
- **Build capability** – You contribute to the development of those in your team or work area by understanding their current capabilities and striving to develop them further.
- **Embody the spirit of the public service** – You lead by example, promoting and role modelling behaviours and respect for others in all aspects of your work, thereby protecting your reputation and that of your team or work area, agency and the sector.
- **Lead adaptively** – You proactively extend your knowledge, skills and expertise to ensure your contribution continues to add value.

Experience/Qualifications

- Significant accumulated experience in capture, processing, and use of high resolution imagery datasets, preferably for 3D surface and 3D object creation for spatial digital twins.
- Significant accumulated experience with roles where collaborative approaches to solution development and implementation were key to success.

Desirable Role Requirements

- Possession of or progress towards a tertiary degree in a relevant discipline such as earth, imagery, computer or data science.

Appointment Conditions

- National Police Clearance

Reporting Relationships

Reports to:	
Manager Earth Observation, Level 6	Other positions reporting to this position:
	Lead AIML Consultant, Level TBD
	Lead Imagery Systems Consultant, Level 6
	Lead Spatial Systems Developer, Level 6
	Lead Imagery Solutions Consultant, Level 6
	Imagery Systems Consultant, Level 5
	Senior Spatial Systems Developer, Level 5
	Senior Spatial Systems Developer, Level 5 (Temp)
	Imagery Solutions Consultant, Level 5
	AI/ML Consultant, Level 5
	Imagery Systems Officer, Level 4 (x2)
	Spatial Systems Developer, Level 4
	Imagery Officer, Level 4 (x3)
	AI/ML Officer, Level 4
This position:	
Lead Imagery Analyst, Level 6	
Direct Reports: Nil	

Certification

These details are an accurate statement of the duties, responsibilities and other requirements of the position.

Position Title and Business Unit	Name	Date
P&C Senior Advisor, Corporate Services	Sharon McKenzie	4 June 2025
Director Earth Observation, Location Services	Annaliese Walster	17 June 2025

Effective Date: 30 June 2025