



SKILLSETS

ESRI ArcGIS Suite



QGIS



Python



Spatial Analysis



3D Model



CONTACT

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LU WANG

Consultant GIS Analyst

Lu Wang is a Consultant GIS Analyst whose skills include geoprocessing, spatial analysis, and web mapping. Proficient in organizing, editing, and analysing spatial information with geodata from diverse sources, and complementing the transformation of geodata. Competent with ArcGIS Desktop, ArcGIS Online, QGIS, Voxler and Python programming. Lu contributes her knowledge and passion into the work to provide more comprehensive map. As GIS person, she learned new GIS technology fast to apply into the practical with well performance. Python skill assists her work to be high efficiency.

QUALIFICATIONS

- 2016** Institute of Disaster Prevention, Beijing / Bachelor of Science, Geophysics
- 2019** University of Qld / Master of Science, Geographic Information System

SPATIAL TECHNOLOGY AND SKILL

- ArcGIS Pro (v2.6)
- ArcGIS Online - Story Map, Collector, Tracking and Survey 123
- Trimble GPS
- Voxler – 3D Model
- QGIS (V3.10)
- Surfer 3D
- Mobile Data Studio
- Spatial Analysis
- Model Builder
- PyCharm Community Edition 2020.1.1

MAJOR PROJECTS

- DNRME – Hopelands CSM – GIS Analyst
- DNRME - Dunwich State Land Preliminary Radiological Survey - Field Technician & GIS Analyst
- Powerlink – Soil and Water Assessment – GIS Analyst
- Goodman – Redbank Stage 3 – GIS Analyst
- Glencore – EIS – GIS Analyst
- Roesner and Hamilton Consulting Engineers – Ecological Assessment – GIS Analyst
- Wilson – Croydon Gold Mine Environment Assessment Amendment – GIS Analyst

EXPERIENCE

GEOGRAPHICAL INFORMATION SYSTEM

- **Powerlink Soil&Water Assessment.** Lu applied the spatial analysis method to calculate the geo-data to ensure Powerlink develop best practice strategies in relation to soil and water management.
- **Hopeland CSM Update, Queensland.** Lu constructed the 3D Conceptual Site Model by Voxler to demonstrate gasifier, groundwater bores and formation pressures. It gives comprehensive and succinct visually representation to client in relation to potential risks and impact at the site.
- **Dunwich State Land Preliminary Radiological Survey.** Lu built up the workflow for field work team and GIS team to visualise field data using GPS linked tablet devices. Lu also wrote Python script to process amount of field data automatically. Lu operated the Esri products including Collector, Survey 123 and ArcGIS online to achieve real time survey tracking. As GIS analyst, Lu also applied Model Builder to run geoprocessing with complex model. Considerable data are delivered well to client.
- **Glencore Environmental Impact Statement.** Lu assisted to manage geo database system.

POSITION SUMMARY

- 2021 - Present Consultant GIS Analyst
- 2020 - Present Graduate GIS Analyst

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