



YAN SUEN

Consultant Environmental Scientist / GIS Analyst

Yan Suen is a Consultant Environmental Scientist and GIS Analyst with more than two years of experience in environmental consulting. Yan provides project support through the provision of GIS and environmental scientific services.

Through her GIS work Yan is responsible for the preparation of high-quality spatial analysis and report mapping. Yan also provides support and advice to the team on spatial information and technical requirements for different approval processes.

Yan complements her GIS skills through the provision of environmental planning and ecological services. Yan works as a field technician in flora and fauna assessments, carries out field surveys, and prepares materials for facilitating data collection and site navigation. She also assists with project research and technical report writing. Yan has supported preparation of environmental impact statements, environmental authority applications and environmental assessment reports.

QUALIFICATIONS

- 2017** University of Qld / Master of Environmental Management
- 2016** City University of Hong Kong / Bachelor of Social Sciences (honours) in International Studies

AFFILIATIONS

- Member, Environment Institute of Australia and New Zealand (EIANZ)
- Volunteer & previous Committee Member, Oxley Creek Catchment Associations

TRAINING

- Introduction to Regional Ecosystems, Oberonia Botanical Services
- BioCondition V2.2 Training Course, Oberonia Botanical Services

KEY PROJECTS

- Multicom Resources – St Elmo Vanadium Mine EIS
- Etta Plains Irrigation Project
- Sunwater – Paradise Fall Dam Lowering
- Sunwater – Burdekin Falls Dam
- Richmond Council – Agriculture Project
- HipCo – Hughenden Irrigation Project
- BHP – Heyford Pit Powerline Approvals

SKILLSETS

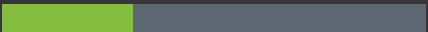
GIS



Environmental Impact Assessment



Ecology



MARKET SECTORS



Government



Electricity & Renewables



Resource



Food & Beverage

CONTACT

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EXPERIENCE

ENVIRONMENTAL IMPACT ASSESSMENT

- **Multicom Resources – St Elmo Vanadium Mine EIS.** Yan assisted with the completion of Cumulative Impact chapter for the EIS. She drafted the Significant Species Management Plan.
- **Sundown – St Ronans Agriculture Development.** Yan conducted desktop searches for the ecology and cultural heritage reports. She assisted with writing the project description and desktop assessment of the reports.
- **Sunwater – Burdekin Falls Dam Raising.** Yan supported the flora survey to assess the impact associated with the inundation area of the Burdekin Falls Dam raising.
- **Roesner and Hamilton Consulting – Beaudesert Beenleigh Rd.** Yan completed the desktop search for the ecological report and wrote the desktop assessment component.

ECOLOGY

- **Findley - Etta Plains Irrigation Project.** Yan assisted in fauna survey to document the existing ecological values of the disturbance area. Survey was conducted with the use of Elliott traps, harp traps, funnel traps, hair funnel traps and camera traps.
- **Multicom Resources – St Elmo Vanadium Mine EIS.** Yan was the field assistant of the offsite-water storage facility for the baseline fauna impact assessment associated with the project site. Survey was conducted with the use of Elliott traps, harp traps, funnel traps, hair funnel traps and camera traps.
- **Sunwater – Paradise Dam Lowering.** Yan assisted in the baseline terrestrial fauna survey to evaluate the existing ecological values of the area.
- **Sunwater – Burdekin Falls Dam Raising.** Yan supported the flora survey to assess the likely impact associated with the inundation of the Burdekin Falls Dam raising.
- **Oxley Creek Catchment Association, Intern.** Yan carried out designs for vegetation assessment and water quality monitoring program. She developed ArcGIS methodology for vegetation management plan and was involved in community engagement through focus groups and volunteering programs.

GEOGRAPHICAL INFORMATION SYSTEM

- **Project Manager, CS Energy – Kogan Creek Mine GIS Support Services.** Yan is the project manager for managing and preparing spatial data, conceptual site models and mapping for relevant reporting.
- **Powerlink Queensland.** – Yan performed spatial analysis tools to assess Powerlink's infrastructure on relevant environmental values and produced a comprehensive database for reporting purpose.
- **Richmond Vanadium Technology - Richmond.** Yan supported the preparation of a series of maps for the Initial Advice Statement (IAS).
- **Wilson Minerals – Estimated Rehabilitation Costs (ERC).** Yan compiled and validated spatial information required for the submission of application and reporting process in accordance with State legislation.
- **BHP – Heyford Pit Powerline Approvals.** Yan delivered mapping for environmental approval process and analysed spatial data to support the determination of areas of impact and offsets.
- **Sunwater – Paradise Dam Lowering.** Yan prepared mapping for Terrestrial Ecological Assessment, Environmental Management Plan and Property Map of Assessable Vegetation for this project.
- **Sunwater – Burdekin Falls Dam Raising.** Yan prepared the mapping for both the flora and fauna assessment, prepared GIS mapping for ecological reporting.
- **Richmond Council – Agriculture Project.** Yan produced environmental and planning constraints mapping for facilitating preliminary impact assessment.
- **Multicom Resources – Saint Elmo Vanadium Project EIS.** Yan assisted with report figures to show that approval requirements were identified and obtained in accordance with State and Commonwealth legislation. She performed spatial tool used for assessing potential impacts on landscape fragmentation and connectivity.

POSITION SUMMARY

● 2020 – Present	Consultant Environmental Scientist GIS Analyst	Epic Environmental Pty Ltd
● 2019 - 2020	Graduate Environmental Scientist GIS Analyst	Epic Environmental Pty Ltd
● 2017 - Present	Intern and Committee Member	Oxley Creek Catchment Association
● 2018 - 2019	GIS Officer	TPG Telecom
● 2013 - 2014	Project Assistant	Kadoorie Farm & Botanic Garden HK