

Company Background

SLR Consulting is a firm of multi-discipline specialist consulting engineers and scientists, offering excellence in environmental services. SLR Consulting offers a wide range of services to industry and public sector clients both nationally and internationally. Our specialist consultants know and understand the most current regulations, sustainability objectives and scientific databases. We are committed to providing professional services using the most robust, transparent and up to date assessment methods and design tools to ensure practical, economic and environmentally sustainable outcomes.

Environmental Management

Our environmental management capabilities are tailored to meet the demands of project or corporate environmental requirements. SLR Consulting can design and implement Environmental Management Systems (EMS) and compliance management systems to record and track environmental performance. Our capabilities range from the collection and management of environmental data and nuisance events through to full site environmental auditing.

Specialist Environmental Management services:

- Environmental Impact Studies (EIS)
- Environmental Management Systems (EMS)
- Construction Environmental Management Plans (CEMP)
- Due Diligence
- Environmental Auditing
- Compliance Management
- Information Systems for Compliance Management
- GIS and Real-Time Data Capture



Land Quality

For all projects that interact with the ground, from mining and exploration projects to residential developments, land quality remains the fundamental aspect that can significantly influence the viability of a project. This is in part due to the interaction of impacted land with the air, surface water, groundwater, flora and fauna and humans. From the earliest phase of a project to completion we work with the client to ensure that optimum solutions are formulated.

Our team understands the physical environment, and those interactions with critical receptors, completing studies with scientific rigour while maintaining focus on providing, economic understandable, practicable and sustainable solutions for the mitigation of risk that satisfies key stakeholders.

Water

The effects of climate change are predicted to give rise to greater seasonal variations in our weather patterns. This could potentially result in changes to rainfall patterns and produce more protracted droughts. Therefore, the need to protect against flooding; avoid pollution; the degradation of water resources; and to enable access to clean and abundant potable water, have become crucial issues for all urban and rural communities. In response to national and international directives, SLR Consulting has available key consultants and technology, which allows us to further assist our existing clients and develop new opportunities to embrace best practice and employ our skills to ensure sustainable water solutions for projects across all sectors.

Specialist Land Quality services:

- Due Diligence and Pre-acquisition assessments
- Soil and Groundwater Investigation
- Groundwater & Soil Contaminant Modelling
- Human Health and Environmental Risk Assessment
- Remedial Action Plans
- Site Validations
- Acid Sulphate Soils
- Radioactive Contaminated Land
- Land Fills – Investigation and Monitoring
- Disposal of Waste – Inert, Solid, Industrial
- Hazardous Waste Assessment
- Fuel Storage
- Compliance Help for Businesses
- Mine Site Assessment and Closure Plans

Specialist Water services:

- Surface Water Quality
- Water Sensitive Urban Design
- Erosion and Sediment Control
- Groundwater – Monitoring and Assessment
- Wastewater Treatment and Disposal
- Industrial Process Water Quality
- Landfill Monitoring and Reporting
- Stormwater Management Plans
- Licensing and Permitting
- Hydrological / Flood Assessment
- Expert Witness / Reporting
- Mine Water Services

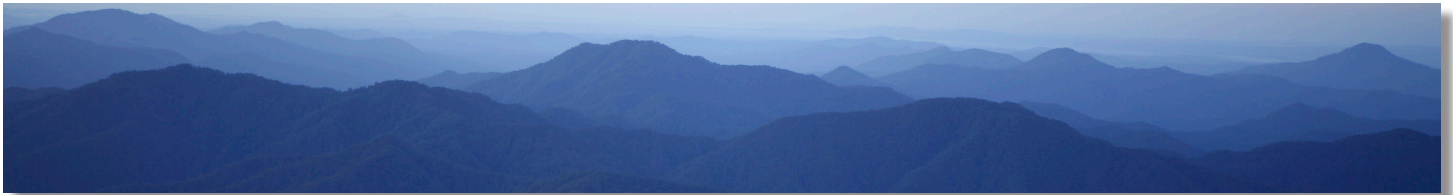
ENVIRONMENTAL SERVICES

Air Quality and Climate Change

The effect of air pollution is one of the most significant issues facing mankind, with consequences ranging from increased mortality, climate change, respiratory illness and other health effects, to acute nuisance episodes which affects the way in which we enjoy life. SLR Consulting provides a customer-focused range of services to advise clients on air quality and climate change concerns on global, regional and local levels. Building on our extensive knowledge and recognised credibility, SLR Consulting works in partnership with our clients to advise on regulatory obligations and best practice guidance to provide a comprehensive service.

Specialist Air Quality services:

- Impact Assessment
- Field Monitoring
- Atmospheric Dispersion Modelling
- Pollutant Emissions Assessment
- Computational Fluid Dynamics
- Climate Analysis
- Carbon Accounting and Audits
- Greenhouse Gas Assessment
- Occupational Indoor Air Quality Assessments
- Mining Air Quality and Dust Management



Noise and Vibration

Humans are highly sensitive to noise and vibration. Exposure to high levels of each of these can lead to permanent health effects. Even low levels can lead to disruptions to our sleep or well being. Environmental noise and vibration assessments identify the criteria that may be applicable to the activity being considered and using various measurement and modelling techniques, SLR Consulting consultants are able to determine the appropriate mitigation strategies that may need to be applied to ensure that the activity does not adversely impact on the community. Noise and vibration impact assessments upon the aquatic and terrestrial environments are becoming increasingly common place. SLR Consulting consultants have provided advice of impact on specific species for a wide range of projects.

Specialist Noise and Vibration services:

- Industrial Acoustics
- Road Acoustics
- Environmental Management Plans
- Transportation Vibration Assessment and Control
- Mining Noise & Vibration
- Surveys, Complaint Investigations, Licence Condition Compliance
- Planning Approvals
- OHS Noise Surveys, Noise Control Programs
- Rail Acoustics
- Ecoacoustics
- Structural Dynamics

Hazardous Materials

Hazardous materials are substances or materials in form of solid, liquid or gas that can cause harm or damage to living creatures or the environment. Many substances necessary to day-to-day human processes are hazardous, such as fuels and a variety of other chemicals. There are several health issues associated with the exposure to hazardous materials. Some of the most common hazardous materials found in Australasia are asbestos and lead. SLR Consulting consultants have worked across a wide range of hazardous substances and are able to advise on a large range of situations ranging from safety and hygiene concerns to environmental assessments and disposal methods.

Specialist Hazmat services:

- Surveys – Residential, Commercial, Industrial and Mining
- Dilapidation Surveys, Reporting & Web-based Management
- HAZMAT CRMS – Critical Response Management Service
- Health Risk & Toxicology Management
- OHS & Occupational Hygiene Assessments
- Hazardous Materials - Asbestos, PCBs, Lead, Chemicals & Explosivity
- Occupational Health & Safety (OHS)
- NATA registered Asbestos laboratory

Recent Projects

- Wodonga Bypass
- Turbine Power Station
- Auckland Point Road/Rail Corridor
- Battery Recycling Plant
- EIS Gladstone
- Sydney Desalination Plant
- Ipswich Motorway
- HUB Waste Transfer Station
- Parramatta - Chatswood Rail Link
- Brickworks Air Quality Impact
- Fairbairn Avenue Duplication
- Woodlawn Recycling Facility
- Sydney Harbour Bridge
- Bomen Asphalt Plant Wagga
- Leppington Rail Link
- Brisbane Urban Corridor
- Kwinana Biorefinery
- Gateway Bridge
- Collinsville Power Station
- Mt Tambourine Tourist Park
- Bohle River Water Quality Monitoring
- Glenariff Urban Water Management Plan
- Tamala Park Landfill Groundwater Assessment