



CIVIL ENGINEERING

GeoLINK

Our engineers form an integral part of a multidisciplinary team which also includes planning, environmental engineering, landscape architecture, ecology and environmental assessment.

The GeoLINK civil engineering team is focused on creative problem-solving using innovative solutions wholly integrated with other design disciplines. GeoLINK specialises in civil engineering services relating to the design and development of subdivisions of all sizes, with the capability of following a project through from conception to construction.

Services

We offer a wide variety of civil engineering services including:

- Site assessment and feasibility studies
- Subdivision design
- Earthworks and site grading design
- Road and intersection design
- Design of water supply and reuse schemes
- Design of sewerage schemes, including gravity, pressure and vacuum systems
- Erosion and sediment control
- Vehicle movement impact studies
- Road safety audits
- Construction certificate documentation
- Contract administration and site supervision

Our delivery is supported by other general services such as project management, community consultation, GIS analysis, illustration preparation, and reporting. We also have strong working relationships with specialist consultants providing services in the areas of traffic, geotechnical, heritage, air quality, and noise assessments.

Projects

GeoLINK's innovative and highly-qualified civil engineering team is dedicated to achieving design solutions that satisfy the needs of our clients, with a focus on environmental leadership and benefits to the greater community. A selection of projects that showcase the team's skills and experience include:

- Augmentation of Ballina Shire Council's Southern Cross Industrial Estate, Ballina
- Broken Ridge rural residential subdivision, Broken Head
- Casino town centre upgrade and refurbishments
- Seagrass strata title subdivision, Ocean Shores
- Marlowvale 99-lot residential subdivision in North Street, Grafton
- Bayshore Village Mixed Use Development, Byron Bay
- Augmentation of Ballina Shire Council's Russellton Industrial Estate, Alstonville
- Sewage pumping station upgrade works, Bayshore Drive, Byron Bay
- Vacuum sewerage systems for the Port of Brisbane Corporation, Brisbane

The GeoLINK engineering team

Highly regarded, competent, and with a wealth of experience, our team has the capacity to offer our clients a wide spectrum of skills and expertise.

Trevor Emery Adv.Cert.Eng(CivDes), Cert.Eng(CivConst)

Senior Civil Designer | Road Safety Auditor | Principal

Trevor joined GeoLINK in 1992 and became a Director in 1995. He is responsible for the activities of the Civil Design Division of GeoLINK, which carries out civil design, documentation, and contract administration. Trevor is interested in the challenges involved with finding quality solutions to multi-faceted projects and the implementation of these solutions. Trevor has over 40 years experience in the fields of civil design and documentation, construction supervision and contract administration.

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Michelle Erwin BE(Civil) (Hons) CPESC

Civil Engineer | Associate

Michelle is a civil engineer with substantial experience in the design of urban and civil infrastructure, including earthworks, roads, water, sewer and stormwater. She has broadened her knowledge of civil engineering to include environmental aspects, such as erosion and sediment control, stormwater management and environmental assessment.

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Tim Ruge MCRM BE(Civil) GradDipUrbD

Civil Engineer

Tim has over 30 years experience as a civil engineer working for state government and the consulting industry. In addition to a broad skill set in civil engineering design, Tim has particular expertise in the design and documentation of stormwater, wastewater and water supply works. With his urban design qualifications, Tim provides unique value to the engineering of our urban related projects.

Tim's work with GeoLINK over the past ten years encompasses a range of fields including project-managing natural resource management and engineering projects, stormwater management plans and drainage design, water quality monitoring programs, strategy studies and concept design of municipal sewerage schemes, on-site sewerage assessments, contamination assessments, estuary management plans, and coastal erosion studies.

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