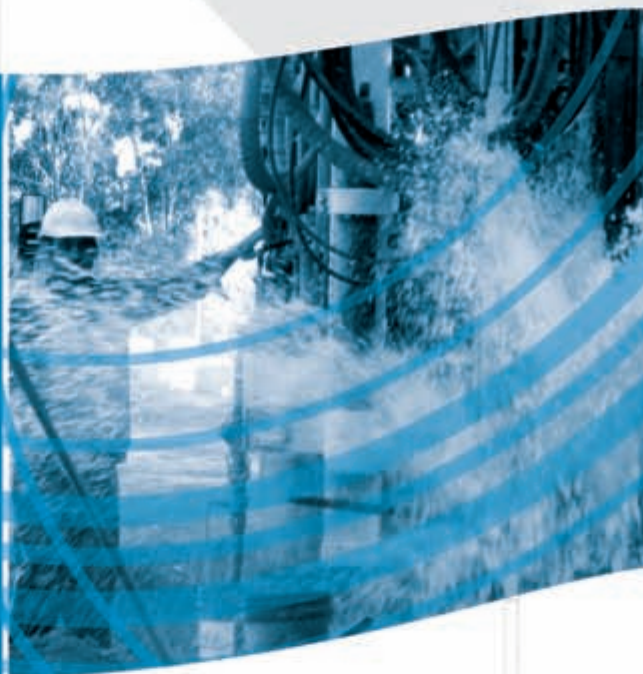
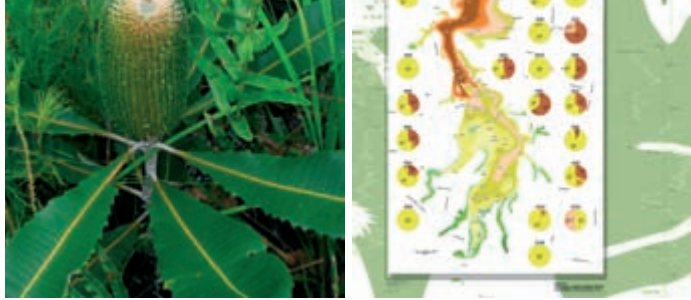


Water is our Future



Environmental Hydrology Associates





EHA is a commercial water engineering & science consulting company dedicated to innovative and responsible water related development and management.

EHA places emphasis on numerical modelling of hydrological systems and embraces geographical information systems.



EHA offers practical skills in a broad range of water resource assessment tasks including:

- ⦿ Predictive modelling of groundwater behaviour and surface interactions
- ⦿ Assessment of water resource system yields from major catchments & aquifer systems through to small stand-alone water supplies
- ⦿ Testing & analysis of water supply wells
- ⦿ Development and delivery of water level and quality monitoring systems to provide timely assessment of water resource performance and condition
- ⦿ Interpretation of surface water & groundwater quality monitoring data
- ⦿ Application of data logger technology to optimise gathering of water resource data



Our core activities include:

- ⦿ Groundwater & surface water hydrology & modelling
- ⦿ Hydrological & environmental impact assessment
- ⦿ Innovative & alternative water supply schemes
- ⦿ Water resource planning & management
- ⦿ Flooding & drainage assessment
- ⦿ Drainage design (surface & sub-surface)



EHA has considerable in-house technical resources and we own and operate portable down-hole geophysical logging equipment to support groundwater investigation & development.



Our senior management team consists of:

Principal Hydrological Engineer: Jerome Arunakumaren

Principal Environmental & Groundwater Scientist: Peter Evans

Principal Surface Water Engineer: Greg Hausler

Jerome, an AIT Alumnus and Member of the Institution of Engineers, Australia, is an experienced hydrological modelling engineer with over 20 years experience in roles in government & consulting engineering. His key skill area is computer simulation of surface water, groundwater, soil water and coastal hydrodynamic systems and application of GIS systems to land and water management.

Peter is an experienced hydrogeologist & environmental scientist with over 20 years experience in roles in government & consulting engineering. He has particular skills in the areas of regional groundwater assessment and management, hydrogeological conceptualisation and environmental monitoring.

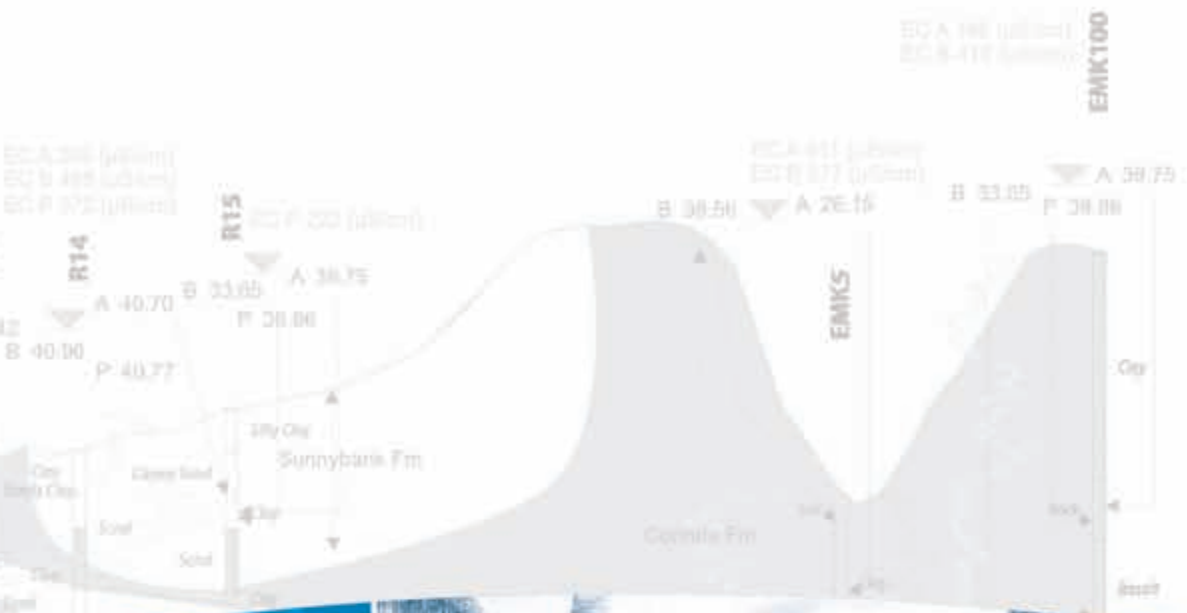
Greg is an experienced water resources engineer with over 35 years experience in roles in government & consulting engineering. His key expertise lies in flood studies, hydraulic assessment, river engineering, surface water hydrology, stormwater quality and water supply projects. His experience includes investigation, design and impact assessment of water engineering related projects including large dams, highways, urban developments, pipelines and effluent management schemes.

In addition to our senior management team our in-house technical team includes tertiary qualified professionals in hydrogeology, geographic information systems, physics and environmental science.



EHA delivers significant outcomes to our clients, some of recent major projects have included:

- ⦿ Brisbane Aquifer Project – fast-tracked development of 7,300 ML/a urban groundwater supply
- ⦿ Bribie Island Aquifer project - fast-tracked development of 2,200 ML/a urban groundwater supply on a coastal sand island
- ⦿ North Stradbroke Island project - assessment and planning for proposed 8,000 ML/a urban groundwater supply on a coastal sand island
- ⦿ State-wide assessment of groundwater – surface water interaction across Queensland, Australia



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