



Slope Monitoring

The behavior of slopes, both man-made and natural, is very different from structures built with concrete and steel.

For steel and concrete structures, the material properties are well defined, and can be tested precisely. Hence the behavior of a steel and concrete structure is normally very stable with a life span of many years.

For slopes, however, the materials, which can be described broadly as soil and rock, are highly non-uniform.

Another aspect about slope is that the material properties change with time, due to natural weathering process. Normally, soil and rock strength will deteriorate over time. For tropical climates, the weathering process is usually much faster than in other regions.

The Good News:

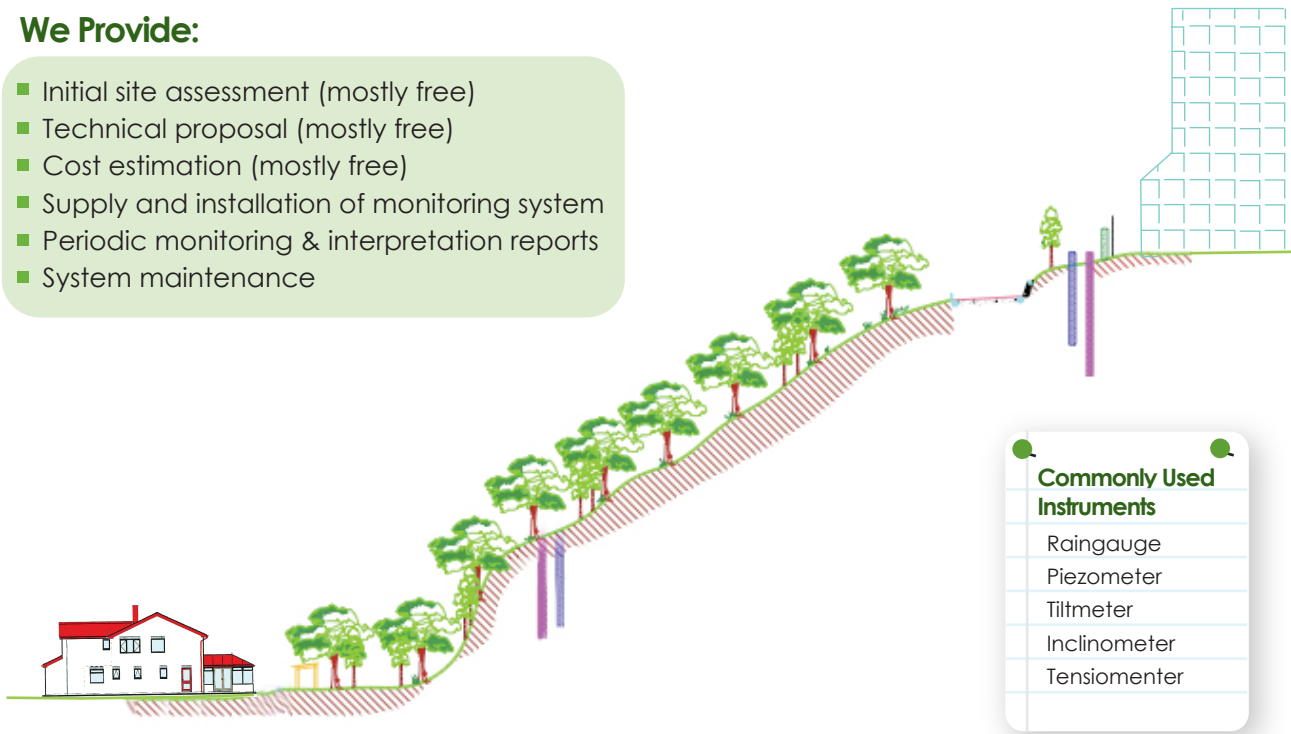
There are usually many signs before a landslide, or a slope failure. Those signs can be readily detected with a monitoring system. The development of modern technology has also made such monitoring system more affordable and user-friendly, hence damage to properties and lives can be prevented.



Let our system guard your safety.

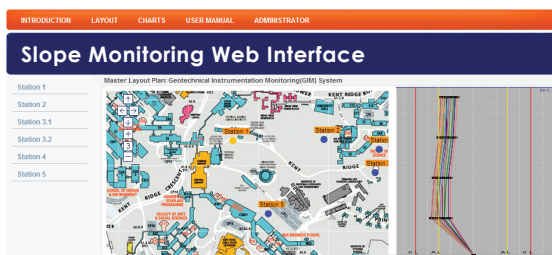
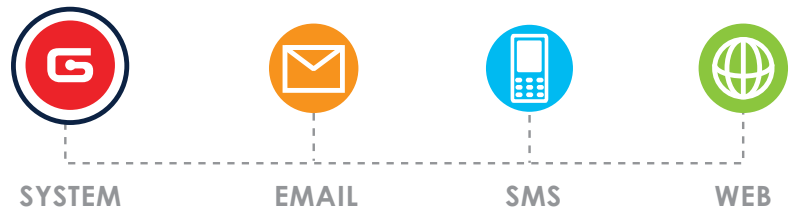
We Provide:

- Initial site assessment (mostly free)
- Technical proposal (mostly free)
- Cost estimation (mostly free)
- Supply and installation of monitoring system
- Periodic monitoring & interpretation reports
- System maintenance



Slope and Landslide Monitoring Systems

Once an abnormal sign is detected, real-time alerts are sent to you by sms, and/or email. You can also view the trend of movement over the web, anywhere, any time.



Web Based Data Management System

- Site plan with clickable link to monitoring stations
- Station layout plan with clickable link to instruments details
- Trend plot display with trigger levels indicated
- Data downloading function for your own study convenience
- Secure web page with multi-level administration functions

Our Services

GeoMonitoring

Real-time Slope Monitoring
Real-time Geotechnical Instrumentation
Real-time Tunnel Monitoring
Real-time Bridge Monitoring
Real-time Dam Monitoring

GeoTech

Ground Investigation
Soil Anchoring
Micro-Piling
GPR & Electrical Imaging

GeoSystems

Tremor Monitoring Systems
Vibration Monitoring Systems
Geotechnical Monitoring Systems
Sensitive Equipment Monitoring Systems

GeoProducts

Geotechnical sensors and systems
Geophysical sensors and systems
Fiber Optical sensors and systems

RYOBI GEOTECHNIQUE INTERNATIONAL PTE LTD
58A Sungei Kadut Loop Ryobi Industrial Building Singapore 729505
Tel: +65 6369 7100 Fax: +65 6362 5848

RYOBI GEOTECHNIQUE (M) SDN BHD
20-4 Jalan 2/114 Kuchai Business Centre Jalan Kuchai Lama 58200
Kuala Lumpur, Malaysia
Tel: +603-7981 7650 Fax: +603-7981 2684

www.ryobi-g.com