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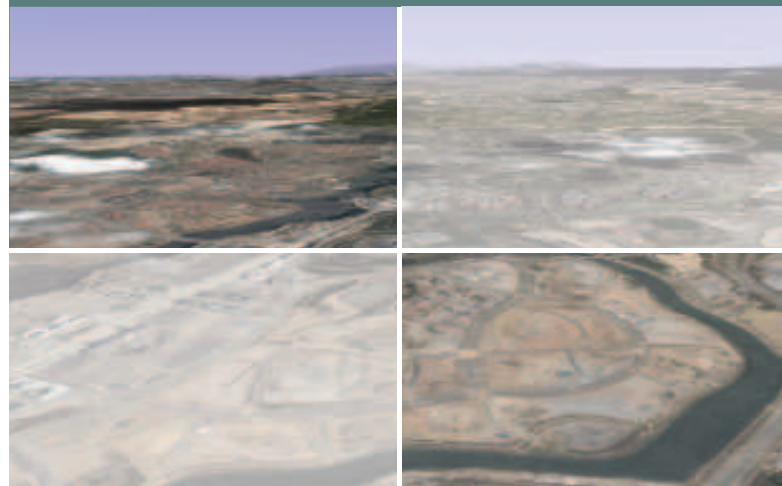
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Company Profile



Eco-Ideal Systems



Database Management: Timely Access to Relevant Information to Support Decision Making and for Better Environmental Management

Increased economic capacity and affluence in lifestyle, coupled with insufficient environmental awareness and education, have further increased the load of pollution faced by the environment due to imprudent usage of its natural resources and unchecked development. To ensure the development is being carried out in a sustainable manner, the government has introduced rigorous environmental regulations and guidelines.

These environmental regulations and guidelines have substantially increased the functions of the authorities and industries in ensuring that the environment is preserved and conserved, development monitored and pollution mitigated. Parallel to this, the introduction of various technology and gadgets to support environmental management have made their functions more in-depth, precise and extensive.

The tasks of individual and organisational environmental managers, from the implementing agencies as well as the industry, have grown by leaps and bounds in the last few decades. The ability of the environmental managers to perform relies greatly on the ability to make the right decision based on relevant data and information, that is efficiently stored, managed, analysed and reported from a multitude of sources and details and accessible in a timely manner under limited financial resources.

ABOUT US

Eco-Ideal Systems is a subsidiary company of Eco-Ideal Consulting Sdn. Bhd. We provide solutions on data and information management. Our core businesses include providing advice and solutions on database, Geographical Information System (GIS) applications, website and multimedia development.

We are the official distributor of GeoEnviron Environmental Information System (GE) as well as other IT related products.

Our team is well qualified with a wide range of experience and knowledge suited to meet your needs. We are involved in various projects, studies and system developments with international, national and local clients.

Key Personnel

To date, our total staff strength of more than 11 are headed by Ir. Soon Choon Huie and Engr. Soon Hun Yang. Our team consists of well qualified environmental managers, engineers, executives, Information Technology (IT) specialists and supporting staff. We are dedicated on satisfying our customers needs and environmental requirements based on our knowledge and experience in the environmental sector. To strengthen further our multi-disciplinary make up, our company also works closely with a group of international aEnvironmental data management system for integrated environmental management for Sarawak State Government (2003 - present)nd Malaysian based associates.





OUR DATA MANAGEMENT EXPERIENCES AND REFERENCES

- Implementation of an Integrated Environmental Information Management System based on GeoEnviron : involving multiple institutions and agencies involved in environmental management
- Capturing and standardization of data and information to establish a common data platform
- Development of database system for river basin management, waste management and so forth
- GIS mapping and integration with an environmental database
- Capacity building for government and private sectors in data management, especially in the management of environmental information through training, technical assistance, consulting and procurement

OUR CORE COMPETENCIES

Data Collection, Conversion and Reporting

- Data collection and verification
- Data conversion, processing and analysis
- Standardisation and coding
- Integrated Environmental Information System (EIS) Design
- Geographical Information System (GIS) mapping
- Data reporting

Web Portal Development

- Website development
- On-line web applications
- Integrated solutions with databases

Hardware and Software Solutions

- Specialised environmental database (GeoEnviron)
- IT hardware and software (applications, GIS etc.)
- Servers and networking system

Global Positioning System (GPS) Product and Accessories

- GARMIN GPS Trimble GPS
- Magellan GPS AQUAPAC 100% waterproof case and other accessories
- Sales and support

Capacity Building and Training

- Data management
- EIS, GPS GIS related training
- Specialised GeoEnviron related training

Projects

- Conducting GeoEnviron users' access privileges (security) matrix development and implementation (2010/on-going)
- Data standardization for Clean Development Mechanism (CDM) Data Inventory for the Government of Malaysia (2010/on-going)
- GeoEnviron System 2010 development for Environmental Monitoring Report (EMR) and Environmental Impact Assessment (EIA) processes related data assessment and registration (2010/on-going)
- State of River Reporting for Sg Selangor, Sg Langat and Sg Klang for State of Selangor (2009/2010)
- Environmental data management system for integrated environmental management for Sarawak State Government (2003/on-going)
- Organized and facilitated GeoEnviron System Users Trainings (2008/2010)
- Solid Waste Data Submission, Reporting and Quality Assurance for Ministry of Housing and Local Government (2008/2009)
- Solid Waste Data Collection, Verification and Reporting for Ministry of Housing and Local Government (2006-2008)
- Assessed and developed a pilot case for Plantation's EIA data registration and landuse mapping, and hence conducted NREB's internal staff hand on training on EIA registration and handling using GeoEnviron application, NREB (2007)
- State of River Reporting for Sg Selangor and Sg Kedah, respectively for State of Selangor and State of Kedah (2006/2007)
- River Basin Information Management System (RB-IMS) Development for National Register of River Basin Project for Department of Irrigation and Drainage (DID) Malaysia (2005/2006)
- River Basin GIS development for National Register of River Basin Project for DID Malaysia (2005/2006)
- Sarawak River Quality Report, Natural Resources and Environment Board (NREB) Sarawak (2005/2006)
- River baseline study for a series of rivers in Peninsula Malaysia and Sarawak (2003 - 2005)



GeoEnviron Integrated Environmental Database Systems (GE)

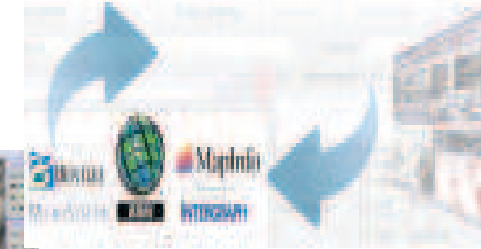
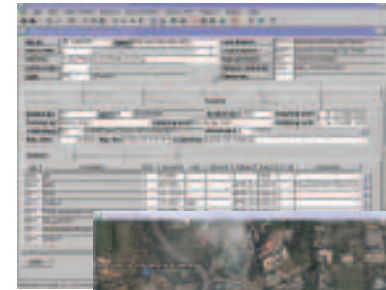
GeoEnviron Integrated Environmental Database Systems (GE) is a comprehensive environmental data and information management system that was designed by a team of environmental specialist for environmental professionals including decision makers, planners, managers, officers and academicians.

It is a collection of data management software applications that support environmental management functions such as carrying out inspection plans and enforcement actions, data monitoring, reporting, risk assessment and site investigations.

GE efficiently stores, manages, analyses and reports environmental data and information from a multitude of sources and details, meeting the need to relate various inter-related data and information using one single database platform. It can be directly integrated with other applications such as mapping software (e.g. ArcGIS, MapInfo, Microstation), as well as web-applications.

The GeoEnviron system consists of 4 major integrated components:

- a powerful Structured Query Language (SQL) relational database management system (RDBMS)
- automated reporting tools in the form of table, graph & chart
- powerful GIS integration capabilities
- web solutions that allow data contained within the system to be output to an Intranet or Internet



External GIS Software Integration

Integration allows multi-platform data access

GE was first developed in Denmark in 1971 and has been continuously improved to accommodate usage in Europe as well as Asia. GE was introduced in Malaysia in 2004 and thanks to the dynamic and robust nature of the system, has been localised to meet our local requirements especially in State of Sarawak. Today, the system is used in Sarawak State Government for urban environmental management with more than seven different connected environmental related agencies.

