ABOUT **US**

Established in 2004 to provide services dedicated to improving the Indonesian Mining Sector, the Britmindo Group of Companies has grown to become a multi disciplined provider of services in many aspects of mining and related activities.

Britmindo provides a qualified dedicated teams to be able to assist your company with your GIS requirements. Our GIS department has developed a WebGIS application specifically related to the Indonesian Coal Mining Industry. Fur further information please contact our team.

ANDY **GUSTY**
GIS Superintendent

OKI **FAJAR**
GIS Specialist

RATNA **JUWITA**
GIS Database

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GIS Database

BRITMINDO

BRITMINDO GROUP
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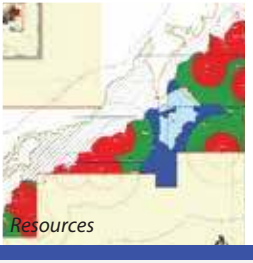
BRITMINDO
GIS Services

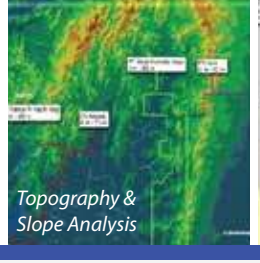
GEOGRAPHIC INFORMATION SYSTEMS SERVICES


Resources

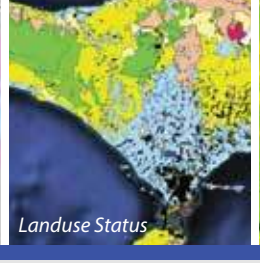

Reserves

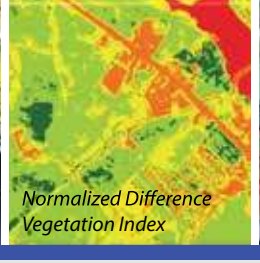

Sedimentary & Basin

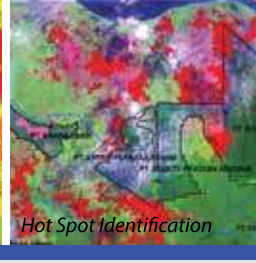

Regional Geology


Topography & Slope Analysis


Forestry Status


Landuse Status


Normalized Difference Vegetation Index


Hot Spot Identification

GIS **SERVICES**

GIS Database (Geodatabase)

GIS provides the power to fully utilize information and find the geographic or spatial relationships between data. Map data can be informed with database queries and making advanced spatial queries is another way to extract meaning from data.

GIS Design (Geographic Analysis)

Mining - GIS gives mining the tools they need to operate mines responsibly and at optimum efficiency. With the advent of Geographical Information System (GIS), many mining activities (from exploration to production and mine rehabilitation) evolved from pure luck to science. It is a comprehensive, interoperable technology specifically designed to compile, process, display, analyze, and archive volumes of interdisciplinary data.

Forestry Plantation - GIS application can provide both the geographic and numerical structure of the forest/plantation stands and links that spatial database to the planning models. To balance the data for spatial resource conservation and resource use, activities must be accommodated. In addition to timber, forests provide such resources as grazing land for animals, wildlife habitat, water, and hot spots. These activities must be accommodated by the use of GIS techniques.

Infrastructure - GIS can be used for management Infrastructure where the existing City Detail Basic Map can be expanded with additional infrastructure information. The information may be originated from field survey, existing data and also historical data of city infrastructure. As the sample application is the Road Monitoring System and POI (Point of Interest).

Utilities - GIS spatial selection and display tools allow users to visualize scheduled work, ongoing activities, recurring maintenance problems and historical information. GIS can perform many other operations and maintenance tasks, including work order and warehouse inventory management, distribution analysis, system prototyping, and network monitoring by using graphic display

WebGIS (Geographic Analysis)

API Application / WebMapService - Geospatial applications are becoming an indispensable part of information systems They provide detailed information regarding the attribute data of spatial objects in the real world. Due to the rapid technological developments in web based Geographical Information Systems, the uses of web based geospatial application varies from Geotagging to Geolocation capabilities. Therefore, effective utilization of web based information system can only be realized by representing the world in its original view, where attribute data of spatial objects are integrated with spatial objects and available for the user on the web, using integrated Google API, Google Earth API, and ArcGis Services.

Global Positioning System

GPS Handheld / GPS Geodetic - GPS with GIS application enables you to write GeoTags to your digital images, allowing you to view their location on the map with any application that supports GeoTag data. Comes with an integrated Google Maps display that you can use to search for the location or address where the photo was taken.

Remote Sensing

Satellite Imagery (Low - Hyperspectral) / UAV (Un-Manned Aerial Vehicle) - Remote sensing and UAV is the art and science of making measurements of the earth using sensors on airplanes or satellites. These sensors collect data in the form of images and provide specialized capabilities for manipulating, analyzing, and visualizing those images. Remote sensed imagery is integrated within a GIS.