

The Geosat International Group of Companies

Local company presence, for a global approach

COMPLEMENTARY CO-OPERATION FOR A WIDE SCOPE OF EXPERTISE

The GEOSAT International Group is a dynamic group of SME companies, dedicated to earth observation and geographic information management. The companies cover a wide range of expertise and experience all over the world. Modern communication technologies facilitate fast and accurate co-efficiency.

KEY FEATURES

Remote sensing (RS) and information management tools (GIS), geo-radar (GPR), as well as GPS position finding technology, are used for the analysis of patterns and processes for many applications in the field of earth sciences and environmental exploration in a broad sense. Dedication and co-operation are considered the Group's kernel features, aiming at the client's satisfaction.

AEROSPACE IMAGERY

Remote sensing tools include different sensors, as far apart as small format photo cameras and high resolution, multi-spectral digital space-borne sensors. They are used for a range of different applications, and individually chosen according to their specific qualities.

RADAR AND SYNERGY, SPECIFIC EXPERTISE

Geosat International, being the Group's Wageningen based kernel, is recognized for its expertise in the field of radar remote sensing and synergy. The relevant microwave imaging techniques, being independent of weather conditions, are excellent tools in cloud-covered areas (many a tropic region) for monitoring purposes particularly. Synergetic techniques combine optic and radar observation technologies e.g. for classificatory purposes of land, crops, or vegetation.

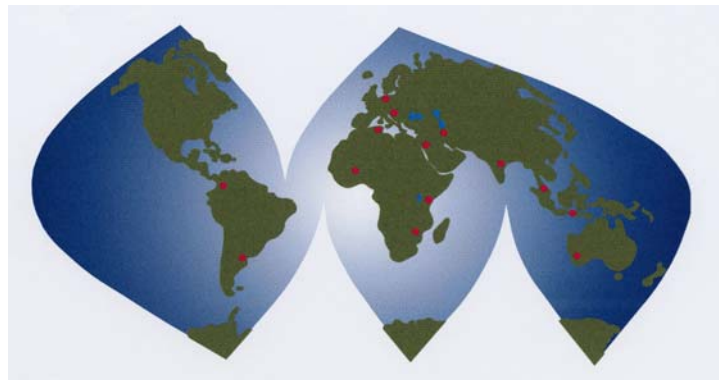
DATABASE DESIGN, GIS DEVELOPMENT

For efficient geographic data handling to be feasible, images, maps and tabular data are stored in a tailor-made digital database. Next, a graphic information

system, GIS, is developed for actual information analysis and management support.

A VARIETY OF CLIENTS

Governmental agencies, institutions, companies in the field of exploration (mining and drilling companies) or farming, and service industries base their management on geographic



The GEOSAT companies operating on five continents. **Europe:** Wageningen, Toulouse, Versmold, Zagreb **Africa:** Tunis, Nairobi, Gaborone, Harare, Ouagadougou **Asia:** Jakarta, Hyderabad, Kuala Lumpur, Teheran **South America:** Santafé de Bogotá, Buenos Aires **Australia:** Perth.

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information. Decision support systems of some kind are their most valuable tools. Aerospace imagery, processed and analyzed by GEOSAT's companies, serves as a basis for management support systems (MSS).

QUALITY CONTROL THROUGH EXTERNAL CO-OPERATION

High quality services are guaranteed by the GEOSAT Group of companies, close co-operation with many reputable Institutes and University Departments all over the world. Quality control and backstopping capacity are based on a wide range of international expertise and experience.

SERVICES

- CONSULTING SERVICES

GEOSAT companies are based in developing countries mainly, their being world-wide establishments ensuring **local knowledge** to be available, next to **international expertise**, in support of finding **tailor-made solutions**. Consulting services cover earth observation, monitoring and geographic information management.

- CONTRACTING SERVICES

Earth observation, thematic mapping and monitoring, using all sorts of aerospace imagery, are one of GEOSAT's core businesses. Designing database and geographic information systems are another one. A range of activities in many applicational fields is being carried out by GEOSAT companies, **cooperating on five continents**.

- TRAINING SERVICES

On-the-spot training on specific topics in the fields of earth observation and information management is taken on, on a **multi-lingual** basis. Thus, new developments in RS and GIS are being introduced to staff members of institutions without their losing time by international traveling. Efficient the training is too, by participants getting experience in a **hands-on** approach.

- GEO-RADAR DETECTION SERVICE

Ground Penetrating Radar (GPR) sounding and related ge-engineering survey techniques are used for non-destructive geological and soil investigations, for environmental surveys, detection of utility lines and pipes, archeological prospective surveys, detection of ammunition, asphalt and concrete investigations, as well as fresh water bottom surveys.

- DISTRIBUTING SERVICES

GEOSAT companies have been appointed official distributor and center of expertise for a number of manufacturers of software packages in the fields of image processing and cartography.

- APPLICATIONAL FIELDS

Forestry - Agriculture - Land classifications - Industrial mining and drilling - Geologic analysis - Coastal and river management - Natural resources management - Urban development planning.

- TOOLS AND TECHNIQUES

Earth observation - Synergetic technology - GPS-supported field surveying - Monitoring systems - DEM generation - Database design - GIS system development - GPR technology.