

Environmental Planning and Management Consulting Services



EARTH SYSTEMS
Environment | Water | Sustainability

CAPABILITIES

Earth Systems provides management and planning expertise to the environmental sector.

We recognise that the input of environmental expertise during planning will often prevent costly and difficult problems at a later stage.

Similarly, a commitment to the environment will not assure successful outcomes without the development of appropriate policy, management systems, and training and awareness programs.



Part of a satellite image used by Earth Systems to assist in preparation of an EMP for a major mining project.

SERVICES PROVIDED

Key environmental management and planning services provided by Earth Systems include:

- Developing corporate and site environmental management systems (EMSs).
- Preparing environmental and socio-economic management plans (EMPs).
- Auditing and reviewing EMSs, EMPs, management procedures, performance and regulatory compliance.
- Developing best practice environmental management guidelines, programs and procedures.

- Preparing environmental and community monitoring programs and protocols.
- Environmental GIS development.
- Environmental risk assessment and management.
- Rehabilitation and closure planning.
- Environmental and socio-economic training workshops for managers, supervisors and operators.
- Capacity building and institutional strengthening.

EXPERIENCE

Recent projects completed by Earth Systems include:

- Preparation of Environmental Management Plans for major mining projects, hydroelectric projects and landfill sites in Australia, Asia and Africa.
- Development and auditing of ISO 14001-compliant EMSs for resource sector projects.
- Development of governance mechanisms for environmental restoration of Lake Tai in China, with the specific aim to reduce the intensity and frequency of algae blooms.
- Development and presentation of training courses for the management of hazardous waste landfills (for AusAID in India) and for environmental and community management of a mining project (for the World Bank, in Lao PDR).



Small scale artisan mining is a major source of environmental degradation and a community health issue in many developing countries.

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