

## SERVICES

Environmental Impact Assessment (EIA)

Environmental planning, advice and consultancy

Environmental compliance audit

Environmental Risk Assessment (ERA)

Resources and land use planning and management

Assistance in the preparation and conduct of Information, Education, Communication (IEC) campaigns; formulation of effective approaches to disseminate the right project and environmental management information to the stakeholders by designing and conceptualizing IEC materials and presentations

Institutional and human resources development

Advice on sourcing of funds for environmental and sustainable development projects

Engineering, Geological, and Geohazard Assessment (EGGA)

Environmental Protection and Enhancement Program (EPEP)

Final Mine Rehabilitation and/or Decommissioning Plan (FMR/DP)

Social Development and Management Program (SDMP)

Traffic Impact Assessment (TIA)

Environmental Health Impact Assessment (EHIA)/ Occupational Health and Safety

Social Impact Assessment (SIA)

Environmental Site Assessment (ESA)

Waste Management

Air and water quality monitoring

Marine and limnological assessment/monitoring

Hydrological/hydrogeological assessment

Flood modeling

Physical oceanography (including sediment dispersion modeling)

Thermal plume modeling

Air quality modeling

ISO Certification planning and preparation

Advice on compliance with International Finance Corporation (IFC) Sustainability Framework and Performance Standards

Provide assistance in identifying the specific components that should be incorporated in the environmental, social and operational reports for the IFC based on its Standards and aligned with the existing national laws and regulations.



## Independent Review and Third Party Audit



**GAIA SOUTH INC.**  
Environmental Consultants



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*Gaia South's fresh, non-biased eyes will help ensure responsible mining stays on track towards sustainable development.*

*Familiarity and the rote of daily work are liable to let environmental compliance slip through the cracks.*

*To preclude liability and secure your business, Gaia South helps spot potential risks and propose sound preventive or remedial measures.*

## OBJECTIVES

- ✓ Describe the current environmental management practices
- ✓ Describe and evaluate the level of compliance with applicable Philippine Environmental Laws and Regulations and other legal requirements
- ✓ Call attention to possible lapses and propose preventive or remedial measures
- ✓ Propose new environmental management strategies to improve compliance

## AUDIT CRITERIA

- ✓ Philippine Environmental Impact Statement (EIS) System - PD 1586
- ✓ Philippine Clean Air Act of 1999 – RA 8749 and its IRR
- ✓ Philippine Clean Water Act of 2004 – RA 9275 and its IRR
- ✓ Toxic Substances and Hazardous and Nuclear Waste Control Act of 1990 – RA 6969 and its IRR
- ✓ Ecological Solid Waste Management Act – RA 9003 and its IRR
- ✓ DAO 2003-27 – Self-Monitoring Report (SMR) System and its Procedural Manual
- ✓ DAO 2014-02 – Revised Guidelines for the Accreditation of Pollution Control Officers (PCO)
- ✓ Mining Related Laws
- ✓ Other environmental related laws including PD 1067 (Water Code of the Philippines), RA 8294 and RA 9516 (PNP), RA 9165 (PDEA), DOE MC 93-03-05, DOTC-OTS MC 2013-03, PPA AO 1995-06 and PPA AO 2009-02, Philippine Coast Guard
- ✓ Applicable local government ordinances
- ✓ Applicable international environment standards, laws, and instruments

Gaia South will provide you with the following **recommendations**:

**Priority 1** – Findings that can warrant the issuance of Notice of Violation (NOV) and cause business interruption if not addressed

**Priority 2** – Findings that can warrant the issuance of NOV but will not cause interruption if not addressed

**Priority 3** – Findings that will not result in a NOV and can be addressed at a later time

## ABOUT GAIA SOUTH

Gaia South, Inc. is an all-Filipino professional service organization seeking to promote the concept of sustainable development. Gaia is a reference to the Greek Goddess of the Earth. South, on the other hand, represents developing countries, such as the Philippines. Taken together, the name represents an improving economy with a keen eye in upholding the principles and ideals of environmentally sustainable development.

Gaia South was incorporated in the Philippines in 1992 by former officials of the Philippine Department of Environment and Natural Resources (DENR) and has since assumed a leading role in providing expert advice on sustainability and effective project management support. Its principals' wide experience and years of practice in the field of environmental consultancy, as well as Gaia South's close working relationship with the law firm Factoran & Associates Law Offices, have enabled the company to assist clients in addressing broad technical and legal issues in the various stages of project life cycles, helping clients achieve their objectives.

Gaia South has decades of experience in Environmental Impact Assessment in a myriad of industries across the Philippines, including real estate development and tourism, light and heavy industries, mining and ore processing, cement, infrastructure, petroleum, power, renewable energy, and telecommunication. Gaia South has likewise rendered a host of other professional services for the government and the private sector, with each engagement seen as an opportunity to promote the objectives of environmental protection, economic development, and social equity.

