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"With problems there are always opportunities. We view problems and ECSI's ability to solve them a major asset. Looking for solutions that create value and opportunity is our primary mission."

J. Steven Gardner, PE
President/CEO

LOCAL PRESENCE
GLOBAL RESOURCES

CIVIL
MINING
ENVIRONMENTAL



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ECSI an affiliate of Ecology and Environment, Inc.
www.ene.com
Offices throughout the U.S. and abroad



ECSI, LLC is a partnership between Engineering Consulting Services, Inc., an engineering company headquartered in Lexington, Kentucky founded in 1983, and Ecology and Environment, Inc., (E & E) a Buffalo, New York-based consulting firm with over forty years experience and an international reputation in environmental services.

ECSI, LLC provides multi-disciplinary consulting, engineering, and environmental services that take projects from planning to reality. Our dedicated team of engineers, scientists, and environmental specialists are responsive to individual needs and objectives creating innovative, cost-effective and sustainable solutions. Our experience in the areas of risk management, forensic investigations, and sensitive land use issues has earned our firm a national reputation.

Using the principles of sustainable development, we assist clients not only with engineering and design, but in presentation of projects in the public arena to gain social license or acceptance in addition to regulatory approvals. We pride ourselves in development of relationships with regulatory agencies to build public/private partnerships.



GLOBAL RESOURCES

E & E employs specialists in more than 85 scientific, engineering, and technical disciplines, based in offices in major cities across the United States and around the globe. Their client list includes governments, commercial industries and multinational corporations, and multilateral development banks worldwide. Since its founding in 1970, E & E has provided practical solutions to human health and environmental problems for over 45,000 assignments in over 94 countries.

The company's environmental services include environmental sustainability, environmental audits, environmental impact assessments, green services and programs, geographic information systems (GIS) and data management, infrastructure planning, as well as terrestrial, aquatic, and marine surveys. E & E offers expertise in air quality management and pollution control, water supply and pollution control, public and occupational health, industrial hygiene, archaeology and cultural resources, and noise reduction.

E & E, global environmental specialists, has offices in North America, South America, Africa, Asia, Europe, and the Middle East.



Civil & Surveying

Our civil engineering experience provides a complete understanding of site methodologies from inception through construction.

- Site Development
- Erosion/Sedimentation Control
- Land Use Planning
- Flood Control Planning
- Flood Insurance Studies
- Earth Dam and Levee Design
- Dam Safety Studies
- Landfill Design, Construction and Closure
- Surveying
- Pre/post Blasting Surveys
- Geotechnical Explorations
- Oil and Gas
- Construction Observation
- Slope Stability
- Stream Restoration
- Industrial Heritage
- Watershed Modeling
- Hydrology/Hydraulic Studies
- Drainage Design
- Sanitary Sewer Design



Mining

ECSI provides a complete understanding of mining methodologies from exploration and resource estimation to mine planning and design through reclamation and closure.

- Exploration/Reserves
- Feasibility
- Resource Valuation/Appraisals
- Environmental Assessments
- Baseline Monitoring Studies
- Mine Planning & Engineering Design
- Permitting Services
- Cumulative Impact Assessments
- Compliance Services
- Hydrologic Investigations/Geological Services
- Emissions Inventories and Reduction Programs (GHG)
- Processing/Materials Handling
- Refuse Disposal
- Subsidence Investigations
- Pre/post Blasting Surveys
- Mine Surveying
- Reclamation/Remediation
- Water Resource Engineering
- Energy Supply Planning and Evaluations
- Incident Investigation and Response
- Mine Closure and Restoration
- Due Diligence



Environmental

ECSI is a leader in environmental technology and training. Our team is fully versed in all applicable environmental regulations relating to air, water quality, and soil contamination. Our experience and background in sustainable design can assist client's stewardship of natural resources.

- Environmental Assessments, Ph. I and Ph. II
- Permitting/Environmental Compliance Services
- Stream Restoration/Mitigation
- Wetland Design and Construction
- Sustainable Development
- Due Diligence
- Biological Studies/Benthics
- Acid Mine Drainage Solutions
- Erosion Control
- Landfill Design, Construction and Closure
- Crisis Management

Forensic Investigation

ECSI has a staff of professional engineers, scientists, and experts that provide forensic investigations to insurance companies, attorneys, and corporations.

- Expert/Factual Witness
- Accident Reconstruction
- Industrial Accidents
- Environmental
- Litigation Support
- Technical Evaluations
- Construction
- Mining

Risk Management

ECSI applies the principles of risk management techniques to industrial, mining, and environmental sites. Our team is recognized by regulators and clients for their innovative, practical and scientific approach to risk assessment. Working with regulatory authorities, ECSI provides evaluations that encourage change while integrating good risk management into general management activity.

- Asset Analysis
- Liability Assessment
- Investigations
- Strategy
- Environmental
- Remediation
- Surveillance
- Operations/Property Management

