

LOUIS E. MARTINO

Environmental Policy Analysis Section
Environmental Science Division
Argonne National Laboratory

Education:

M.S. Tennessee Technological University, Environmental Toxicology, 1979
B.S. University of Maryland, Water Resource Engineering, 1975

Professional Experience:

1987-Present Environmental Systems Engineer
Environmental Science Division
Argonne National Laboratory, Washington D.C.

Subject matter expert in hazardous waste site characterization and cleanup. Areas of expertise include the use of innovative sampling techniques for site characterization and the use of innovative remediation techniques for site clean-up. Other qualifications include expertise in the evaluation of sustainable site cleanup remedies, remedy optimization and cost estimation; and the performance of environmental compliance audits, property transfer assessments, and pollution prevention/waste minimization audits. Experience as the author of course content and as a trainer for Department of Defense environmental training courses. Assist the Department of Energy in the implementation of the electronic stewardship requirements of Executive Order 13423 and in the preparation of policy and guidance related to hazardous waste management and electronic stewardship.

Summary of Previous Experience:

1986-1987 Environmental Strategies Corp., Reston, Virginia

Project Manager for the preparation and execution of RI/FS Work Plans for two Superfund sites. Technical review and oversight was provided for an additional Superfund site. New Jersey Environmental Cleanup Responsibility Act (ECRA) submissions/remediation plans were prepared and implemented. Risk assessments for industries requiring pollution liability insurance were also performed and prepared.

1985-1986 Risk Science International, Washington, D.C.

Responsibilities included the preparation of environmental risk assessments for the pollution liability insurance market and for real estate acquisitions. The risk assessments addressed both manufacturing industries, and solid and hazardous waste handling facilities. Additional responsibilities included the preparation of Part B RCRA

Permit applications and environmental sampling plans. The incumbent also functioned as the Project Manager and Health and Safety Officer for a dioxin contamination assessment and remediation effort.

1980-1985 Maryland Hazardous Waste Division, Baltimore, Maryland

Involved in implementing RCRA in the State. Part B RCRA Permits were prepared. Presented the Division's decisions regarding Part B permits in public meetings and testified as an expert witness in administrative proceedings. Technical support for remedial measures at hazardous waste spills and Superfund sites was provided.

1977-1979 Graduate Research Assistant, Tennessee Technological University,
Cookeville, Tennessee

Conducted aquatic toxicity tests as part of a Tennessee Valley Authority project to develop a toxicity data base for the response of aquatic invertebrates to acid mine runoff.

1975-1977 Dames and Moore, Bethesda, Maryland

Duties included the technical review and evaluation of flood insurance studies for the Federal Insurance Administration. Flood flow frequencies were developed and 100 and 500-year flood delineations were mapped for communities participating in the flood insurance program.

Research Interests:

The development of a direct reading sensor to measure natural attenuation parameters in the field and development of innovative techniques for monitoring the vadose zone.

Professional Activities:

Institute of Hazardous Materials Management
National Speleological Society

Publications:

Author and co-author of over 50+ journal, report, and conference publications and presentations.