

## **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.

Project Manager and Health and Safety Coordinator for Remedial Investigation/Feasibility Studies (RI/FS) at two US Army Installation Restoration (IR) Program sites. Areas of expertise in the IR field include the use of innovative sampling techniques for site characterization and the use of innovative remediation techniques for site clean-up. Other areas of expertise include: competence in the use of GIS and GPS technologies as an aid for data collection, storage, retrieval and communication; and the performance of environmental compliance audits, property transfer assessments, and pollution prevention/waste minimization audits. Experience also includes the development of domestic and international hazardous waste management training programs for the Department of Defense and the Department of Energy.

### **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.