

JAMES B. LEVENSON

Program Manager, Environmental Planning
Environmental Science Division
Argonne National Laboratory

Educational Background

Ph.D.	Plant Ecology, University of Wisconsin - Milwaukee, 1976
M.A.	Life Sciences, Indiana State University, 1973
B.S.	Life Sciences, Indiana State University, 1971

Professional Experience

1984-Present	Environmental Scientist Environmental Science Division Argonne National Laboratory
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As the Program Manager for Environmental Planning, manages a wide variety of U.S. Air Force (USAF) projects and activities including pollution prevention/opportunity assessments, hazardous waste management, spill response planning, hazardous materials management, asbestos management, and emergency response planning. Recent research focuses on practical, ecosystem-based management strategies for protection of natural and cultural resources on USAF bases located in Korea and Japan. Such strategies are embodied in the development of the natural and cultural resource management plans. Related efforts include management plans for protected species, wetlands, coastal zones, and bird air-strike hazard reduction. Field research involves habitat and wetland delineations, floral and faunal biodiversity surveys, and cultural resource surveys.

Since 1988, served as Team Leader on over 170 USAF Environmental Compliance Assessment and Management Program (ECAMP) audits in the U.S., Europe, Latin America, and Asia. Participated directly in the development, testing, and implementation of the ECAMP methodology. A similar effort involved the development and implementation of the Base Closure Environmental Assessment Team (BCEAT) concept for installations identified for closure under BRAC. Managed and developed site assessment procedures to meet federal and state requirements for closure and conversion of USAF installations. That program emphasized records retention, permit conversion, and other environmental regulatory issues facing USAF installations designated for closure.

Designed the methodology to perform rapid process stream surveys and opportunity assessments for small, remote, USAF research facilities. The methodology incorporated a multi-media approach and related compliance requirements to all installation processes in the site assessment phase.

Summary of Previous Experience:

1979-1984	Assistant Environmental Scientist Energy and Environmental Systems Division Argonne National Laboratory
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Responsible for development of a site-specific geographic information system and interactive computer mapping system to expedite NEPA reviews of oil and natural gas development in the western over thrust belt. Also developed a monitoring system to improve drainage and trespass determinations of federal minerals by computerizing the locations of federal mineral ownership tracts with oil and natural gas wells.

Developed and applied ecological methods to assessing the impacts of various energy technologies and projected energy scenarios on natural and managed ecosystems. These methods were applied to the Regional Issue Identification and Assessment (RIIA) portion of the second National Energy Plan and the Interagency Coal Export Program. Responsibilities included maintenance, extension, and improvement of Argonne's national data base of natural resource and land-use information, computerized geographic mapping systems, and the development of the Ecological Assessment Unit concept for regional assessments of energy-related activities.

1977-1979: Saginaw Valley State College, Saginaw, MI

As an Assistant Professor of Biology, the primary responsibility was teaching (Ecology, Plant Ecology, General Biology, Botany, Limnology, and Urban Ecology).

Professional Societies

Academy of Certified Hazardous Materials Managers; CHMM # 5141

Ecological Society of America (ESA)

National Defense Industrial Association (NDIA)

National Military Fish and Wildlife Association (NMFWA)

Natural Areas Association

Author or co-author of 55+ journal, book, report, and conference publications.