

WILLIAM STEVEN VINIKOUR

Ecological and Geographical Sciences Section
Environmental Science Division
Argonne National Laboratory

Education:

M.S. Northern Illinois University, Biology w/Environmental Emphasis, 1977
B.S. Northern Illinois University, Biology, 1971

Professional Experience:

2000-Present Environmental Scientist
Environmental Science Division
Argonne National Laboratory

Preparation of National Environmental Policy Act (NEPA) documents to assess the effects of human activities and energy-related developments on aquatic, terrestrial, and wetland ecosystems. Projects have focused on nuclear power plant and oil pipeline operations, solar and wind energy construction and operation, oil shale and tar sands production, offshore oil and gas leasing, and transmission line construction and operation. Other project involvements include preparation of ecological risk assessment documents.

Summary of Previous Experience:

1998-1999 Adecco/TAD Technical, Naperville, IL

Preparation of four EISs on riparian and aquatic habitat management in New Mexico. Responsibilities included technical assessments of past disturbances to riparian areas under the jurisdiction of the Bureau of Land Management; and the evaluation of various livestock grazing management options on the recovery and management of these areas. Leadership responsibilities in the collection of technical information required to conduct the assessments for all four EISs, major writing responsibilities for one of the EISs, major review and revision oversight for all four EISs, and primary input in the preparation and coordination of responses to agency and public comments on all of the draft EISs. Preparation of an EA on the burial of an electrical utility distribution line. Other project involvements included reviews of ecological risk assessment documents and assistance with field work on a prairie restoration project.

1975-1998 Argonne National Laboratory, Argonne, IL

Preparation of numerous NEPA documents including those for nuclear power plants, coal fuel cycle impacts, power plant conversions, transmission line construction and operation, oil

shale development, hydroelectric facilities, airport construction and operation, accelerator construction and operation, military-base missions, storage of radioactive/mixed wastes, and waste-site restoration. Aquatic field research on pipeline installation, coal mining and reclamation, contaminant disposal, and toxic waste cleanup/restoration.

Research Interests:

Pollution ecology including contaminant uptake and effects.

Species interactions including the effects of introduced species.

Environmental impacts of land use activities including habitat fragmentation and modification on biota.

Habitat management procedures and effectiveness of site mitigation.

Publications:

Contributed to over 150 journal articles, book chapters, symposia publications, and NEPA documents.