

ANTHONY J. DVORAK

Environmental Science Division
Argonne National Laboratory

Education:

Ph.D. University of Oklahoma, Plant Ecology, 1973
M.N.S. University of Oklahoma, Natural Science, 1970
B.S. Winona State University, Biology, 1963

Professional Experience:

1993-Present Division Director
Environmental Science Division
1988-1993 Program Director and Deputy Division Director
Environmental Assessment and Information Sciences Division
Argonne National Laboratory

Provides leadership in the field of integrated assessments and environmental analysis to 120 multidisciplinary technical and support staff. Challenges a highly technical staff (50% have Ph.Ds) to be innovative yet efficient in their technical products. Director provides leadership in program development, sponsor interaction, strategic planning, technical integration and, has financial responsibility of aggregate funding of \$40 million. Programmatic thrusts within the division include: environmental restoration, compliance, regulatory analysis, natural resource management and, risk assessment. Program implementation and completion emphasizes electronic environmental data management and dissemination utilizing web-based technologies, several of which have been developed within EAD. Federal agencies sponsoring programs include the Department of Energy, Department of Army, Air Force and Navy, U.S. Nuclear Regulatory Commission, U.S. Environmental Protection Agency and Bureau of Land Management. National and international programs are undertaken.

Summary of Previous Experience:

1986-1988 Associate Division Director, Energy and Environ. Systems Division
Argonne National Laboratory

Managed multidisciplinary staff of 50. Focused on technology development and environmental protection, policy and regulatory analysis, hazardous and radioactive waste management, NEPA compliance activities, and health risk assessments. Led DOE support effort in the preparation of final EIS on the siting of the SSC. Led documentation efforts (EIS) for the construction and operation of the DOE New Production Reactor.

1983-1986 Associate Division Director, Energy Research Division
Argonne National Laboratory

Managed 5 research and assessment sections. Focused on programmatic technical direction and development; directed Divisional personnel policies and procedures. Directed scheduling and preparation of materials for University of Chicago Annual Division Review; led collaborative effort between Fermi National Laboratory and DOE/OHER to establish Fermi as a National Environmental Research Park; assured accessibility to ANL researchers.

1981-1983 Associate Division Director, Assistant Division Director
Environmental Impact Studies Division
Argonne National Laboratory

Developed sponsor relationships; initiated technical projects; assigned and directed project managers; and coordinated multi-project administrative activities. Developed scope for a cumulative Northeast regional EIS on the conversion of 42 electric generating stations from oil or gas to coal. Managed activities at ANL, ORNL, and PNL for EIS preparation.

1974-1981 Ecologist/Assistant Ecologist, Environmental Impact Studies Division,
Argonne National Laboratory

Led a revegetation research group in ANL's Land Reclamation Program to study candidate plant species for use in the revegetation of lands previously disturbed by coal mining activities. Assigned as team member to evaluate impacts from proposed construction and operation of a nuclear power plant.

1973-1974 Visiting Assistant Professor of Botany, North Carolina State University
Raleigh, North Carolina

Team taught an introductory ecology course to juniors and seniors during the academic school year and independently taught the course during the summer of 1974.

Research Interests:

Vegetation adaptations that allow survival and reproduction under harsh environmental conditions; application of technology to environmental assessments

Professional Activities:

International Association of Technology Assessment and Forecasting Institutions
Chicago Wilderness Society
U. S. Energy Association

Publications:

Author of 20+ journal, book, report, and conference publications.