

MARK S. KJOLHAUG
Natural Resource Specialist - Professional Wetland Scientist

EDUCATION

Master of Arts, Ecology, 1986
Southern Illinois University

Bachelor of Science, Natural Resource Management/Biology, 1982
University of Wisconsin-Stevens Point

EXPERIENCE

Natural Resource/Wetlands Consultant

Kjolhaug Environmental Services Company, Inc., 1997 to present

- Owner and president of natural resource consulting firm
- Completion and management wetland delineation studies
- Completion of detailed hydrologic assessments for wetlands determinations
- Completion of COE, WCA, and DNR wetland permit applications
- Preparation of wetland creation and restoration plans
- Completion of endangered plant and animal studies
- Completion of EAWs
- Preparation and development of wetland and upland revegetation plans
- Completed Wetland Mitigation Plan Framework for Superior, Wisconsin
- Regulatory consultant for cities of Rogers and Mayer

Natural Resource/Wetlands Consultant - Director Of Environmental Services

RLK Associates, LTD., 1996 to 1997

- Directed environmental services for 50 person engineering and planning firm
- Managed company environmental specialists and support staff
- Completion and management of wetland delineations studies
- Completion of detailed hydrologic assessments for wetlands determinations
- Preparation of COE, WCA, and DNR wetland permit application
- Responsible for completion of wetland functions and values assessments using standard methods
- Responsible for the completion of biological assessments and rare species studies
- Responsible for the preparation of Environmental Assessment Worksheets

Natural Resource/Wetlands Consultant - Field Operations Manager

Svoboda Ecological Resources, 1993 to 1996

- Delineated more than 300 wetlands using the COE and Interagency delineation manuals
- Designed and implemented detailed hydrologic assessments for wetland determinations
- Completed of wetland functions and values assessments using WRAM, WEM, others
- Completed CWA Section 404 and WCA wetland permit applications and replacement plans
- Developed 200-acre concept wetland mitigation plan for Superior, Wisconsin
- Organized, coordinated and lead instruction team in 6 wetland delineation training sessions
- Conducted detailed inventories and ecological studies of threatened and endangered plants
- Designed, implemented and reported results of a bird mortality study at proposed radio towers

- Completed and assisted with the preparation of EAWs
- Managed field staff for largest wetlands consulting firm in Minnesota
- Planned and organized 2 national wetland delineation conferences

Wildlife Research Technician

Wisconsin Department of Natural Resources, 1992

- Conducted field observations of Canadian goose migration movements
- Determined habitat use, population size and movements of Canada geese in SE Wisconsin
- Coordinated field activities with office staff and other county, state, and federal employees
- Acted as department field representative by providing public with information on the project

Environmental Studies Instructor

Shattuck-St. Mary's School, 1986-1992

- Designed curriculum for environmental and life science courses
- Taught course-related material in classroom and field settings
- Served on the Rice County household hazardous waste advisory committee

Wildlife Researcher

Cooperative Wildlife Research Laboratory, 1986

- Conducted field observations in a cottontail rabbit habitat use radio-telemetry study
- Analyzed data, conducted literature searches, and authored scientific papers for publication
- Presented research findings at professional meetings

Wildlife Research Assistant

Cooperative Wildlife Research Laboratory, 1984 to 1986

- Responsible for project design, implementation, data analysis and publications in an ecological study of the swamp rabbit in Illinois
- Inventoried floodplain wetland habitat in 25 county region of southern Illinois using remote sensing and in-field approaches
- Conducted detailed habitat evaluations using standard vegetation sampling methods
- Conducted radio telemetry study of swamp rabbit movements, mortality and habitat use in southern Illinois

PUBLICATIONS

“Current Status and Distribution of the Swamp Rabbit in Illinois”. Illinois Academy of Science, 80 (3-4): 299-308, 1987.

“Ecology of the Swamp Rabbit” submitted to Illinois Department of Conservation, Illinois Federal Aid Project W-92-R-2, Annual Project Reports, 1984, 1985. Co-author: Woolf, A.

“Ecology of the Swamp Rabbit” submitted to Illinois Department of Conservation, Illinois Federal Aid Project, W-92-R-2, Job Completion Report, 1985. Co-author: Woolf, A.

“Home Range of the Swamp Rabbit in Southern Illinois. Journal of Mammalogy, 69 (1): 194-197, 1988.

PROFESSIONAL PRESENTATIONS

Status, Distribution, and Habitat Use of the Swamp Rabbit in Illinois. Southern Illinois University Zoology Department presentation. 1985.

Distribution of the Swamp Rabbit in Illinois. Illinois Academy of Science presentation. 1986. Habitat Use of the Swamp Rabbit. Midwest Fish and Wildlife Conference. 1986. Presented with A. Woolf.

RECENT PROFESSIONAL COMMITTEES

Minnesota Wetland Conservation Act – Technical Rules Committee Member 2008-09 (invited)

Minnehaha Creek Watershed District – Citizen Advisory Committee for Rules 2008- current (invited)

PROFESSIONAL AFFILIATIONS

Society of Wetland Scientists – (Certified Wetland Scientist 000845)

Society for Ecological Restoration

Wetland Delineators Association – (Past President and board member)

Minnesota Chapter of The Wildlife Society