

LEROY WALSTON

Ecological and Geographical Sciences Section
Environmental Science Division
Argonne National Laboratory

Education:

M.S. Eastern Illinois University, Biology, 2005
B.S. Southern Illinois University, Zoology, 2002

Professional Experience:

2007-Present Assistant Ecologist
Environmental Science Division
Argonne National Laboratory

Participated in the analysis of ecological resources in support of the National Environmental Policy Act (NEPA) and the Comprehensive Environmental Restoration and Cleanup Liability Act (CERCLA).

Summary of Previous Experience:

2005-2007 Research Associate, U.S. Environmental Protection Agency, Chicago, IL

Used geographic information systems (GIS), statistical software, and geostatistics to analyze and characterize EPA Superfund Sites. Provided technical guidance and decision support at various phases of the Superfund process, primarily pertaining to Remediation / Feasibility studies (RI/FS). Participated in the collection of environmental data using X-Ray Fluorescence (XRF) and other technologies.

2003-2005 Research/Teaching Assistant, Eastern Illinois University, Charleston, IL

Conducted field research examining the effects of introduced / invasive species on native wildlife communities. Instructed undergraduate laboratories in the biological sciences, including Animal Diversity, Ecology, Herpetology, and Vertebrate Natural History.

Research Interests:

Effects of environmental anthropogenic perturbations in aquatic ecosystems
Herpetology
Predator-prey relationships
Restoration Ecology

Professional Activities:

Member, Society for the Study of Amphibians and Reptiles (SSAR)
Member, Partners in Amphibian and Reptile Conservation (PARC)
Member, Sigma Xi – The Scientific Research Society

Publications:

Author or co-author of 5+ journals, reports, and conference publications and presentations.