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## **Christopher S. Mammoliti**

**Aquatic Ecologist/Biologist**

**Watershed Institute, Inc.**

### **SPECIALTIES**

- Stream Biological Monitoring
- Aquatic and Terrestrial Habitat Assessment
- Threatened and Endangered Species Survey
- Habitat Mitigation Planning
- Riparian Buffers and Stream Ecology
- Fish Culture and Management
- Environmental Permitting

### **RELEVANT EXPERIENCE**

Mr. Mammoliti has 25 years of experience in the fields of fisheries and wildlife biology, stream ecology and biological monitoring, threatened and endangered species surveys, habitat assessment and mitigation, and environmental permitting and policy. With the Watershed Institute, Mr. Mammoliti provides technical expertise, field monitoring, and project management for environmental permitting requirements, natural resource assessments, stream asset inventories, habitat restoration and mitigation, and endangered species assessments. He has been involved with terrestrial and aquatic habitat surveys in Kansas, Missouri, Iowa, South Dakota, and Minnesota.

Before joining the Watershed Institute, he served over 19 years with the Kansas Department of Wildlife & Parks as an ecologist, and most recently as chief of the Environmental Services Section. As Section Chief, Mr. Mammoliti was responsible for the administration of a regulatory permit program for development projects impacting state and federally-listed threatened and endangered species. He was responsible for the development and expansion of a statewide Stream Biological Monitoring Program. This program provides baseline data and ongoing monitoring within Kansas watersheds for evaluation of TMDL implementation strategies, threatened and endangered species status, and sportfish populations. He also conducted numerous field surveys for threatened and endangered species and their habitats, including the Neosho Madtom, Arkansas Darter, Topeka Shiner, Northern Redbelly Snake, Smooth Earth Snake, and Bald Eagle. These surveys included determination of population distribution and trends, designation of state critical habitats, and the development of mitigation requirements for projects impacting these habitats. Additionally, Mr. Mammoliti provided environmental review of local, state, and federal transportation projects throughout Kansas. These reviews included aquatic and terrestrial habitat assessments to determine potential impacts on sensitive species and habitats along proposed highway corridors, and at road and bridge construction sites. Mr. Mammoliti also developed recommendations to avoid, minimize, and/or mitigate potential transportation development impacts on aquatic and terrestrial habitats and protected species.

## **TECHNICAL TRAINING**

### **Fisheries Biology**

Fish Health Management  
Fish Health Shortcourse  
Principles and Techniques of Electrofishing  
Stream Restoration and Protection

### **Biological Monitoring**

Stream Basin Surveys and Applications  
Aquatic Monitoring for Natural Resource Specialists

### **Geomorphology and Hydrology**

Fluvial Geomorphology  
Applied Fluvial Geomorphology  
River Morphology and Applications  
River Assessment and Monitoring

### **Conflict Resolution**

Systematic Development of Informed Consent  
Natural Resource Negotiation & Decision-Making  
Conflict Negotiation & Dispute Resolution  
Conflict Resolution for Natural Resource Professionals

## **EMPLOYMENT HISTORY**

Tetra Tech EM Inc., Aquatic Ecologist, October 2003 – present  
Kansas Department of Wildlife & Parks, June 1984 – October 2003  
Reed Enterprises, Hatchery Manager, January 1984 – June 1984  
ConAgra Fish Products, Hatchery Manager, November 1979 – January 1984

## **EDUCATION**

B.S., Fisheries and Wildlife Biology, Iowa State University, 1979  
M.S., Environmental Studies, Friends University, 1991

## **AFFILIATIONS**

American Fisheries Society (AFS)  
The Ecological Society of America  
Kansas Chapter – AFS (Secretary/Treasurer)  
Kansas Herpetological Society  
Kansas Academy of Science