

# Thomas R. Biebighauser

Wildlife Biologist | Wetland Ecologist | Educator



Wetland Restoration and Training LLC  
3415 Sugar Loaf Mountain Road · Morehead, KY 40351 USA  
📞 (606) 356-4569 · ✉️ [tombiebighauser@gmail.com](mailto:tombiebighauser@gmail.com)  
🌐 [wetlandrestorationandtraining.com](http://wetlandrestorationandtraining.com)

## Profile

A Wildlife Biologist and Wetland Ecologist with over 47 years of experience designing and restoring more than 10,000 wetlands, lakes, streams, and rivers across North America and abroad. Recognized internationally for pioneering natural and low-cost techniques that restore hydrology and habitat for threatened and endangered species. An experienced educator and author who has trained thousands of professionals and students in practical wetland restoration.

## Education

B.S., Wildlife Biology, University of Minnesota, 1978

## Professional Experience

USDA Forest Service — Wildlife Biologist (1978–2013)

Led restoration of wetlands and streams on National Forests across the United States; authored NEPA and Biological Assessments for aquatic restoration and endangered species.

Wetland Restoration and Training LLC — Founder & Principal (2013–Present)

Design, supervise, and teach wetland and stream restoration globally, advancing innovative, cost-effective restoration methods adaptable to forests, farmlands, mined land, and urban areas.

## Teaching and Instruction

Producer, *How to Build a Wetland* video series — [www.wetlandrestorationandtraining.com](http://www.wetlandrestorationandtraining.com)

Instructor, Wetland Restoration Techniques — University of Louisville, British Columbia

Institute of Technology, SUNY-ESF.

Founder and Lead Instructor — Wetland Restoration Institutes (Kentucky, New York, Alberta, British Columbia).

International educator — workshops and wetland projects in Canada, Mexico, New Zealand, Puerto Rico, and Taiwan.

## Major Projects (Selected)

Yaqaan Nukiy Floodplain Restoration Project, Creston, BC, Canada

Micron Wetland and Stream Mitigation Project, Clay, New York

Slabcamp Creek & Stonecoal Branch Stream and Wetland Restoration, Rowan County, KY

Peloncillo Mountains Wetland Repairs, Coronado National Forest, NM

Dix River Wetland and Stream and Wetland Restoration Project, Lincoln County, KY

## Publications (Selected)

Wetland Drainage, Restoration, and Repair, University Press of Kentucky, 2007

Wetland Restoration and Construction - A Technical Guide, Upper Susquehanna Coalition, 2011

A Guide to Creating Vernal Ponds, USDA Forest Service, 2003

Multiple journal and magazine articles on wetland restoration, wetland drainage, wetland management, and stormwater ecology.

## Awards (Selected)

National Wetlands Award for Conservation and Restoration, 2015

USDA Forest Service Natural Resources Leadership Award, 2007

Ducks Unlimited National Distinguished Service Award, 2005

Numerous USDA Merit, Conservation, and Volunteer Awards (1984–2012).

## Professional Highlights

Designed and implemented over 3,600 wetland and stream construction projects in 27 U.S. states and 5 countries.

Pioneered and developed successful groundwater dam, compacted clay liner, and aquatic-safe liner wetland and stream restoration methods.

Supported NEPA and Endangered Species compliance for numerous federal and state projects.

Helped establish over 120 school-based wetlands for education and community outreach.