

Biosketch – Dr. Michael Eggleton

Dr. Mike Eggleton is a Professor in the Department of Aquaculture and Fisheries at the University of Arkansas at Pine Bluff (UAPB). He has been employed at UAPB since 2003, with his position encompassing teaching, research, administration, and service. Since being hired, Mike has taught 12 different courses in the department that included all levels of students from first-term freshmen to Ph.D. students. He has taught and/or is currently teaching undergraduate courses in Topics in Aquaculture and Fisheries, Fisheries Techniques, Fisheries Management, Senior Seminar, and Recreational Fishing, and graduate courses in Fish Population Dynamics, Stream Ecology, and Reservoir Fisheries & Ecology. He also serves as the department's Undergraduate Program Coordinator. In 20 years at UAPB, Mike has graduated eleven M.Sc. students, has three current M.Sc. students, and has advised over 50 undergraduates.

Dr. Eggleton received his B.Sc. degree in biology from West Virginia State College in 1986. He earned an M.Sc. degree in fisheries and aquatic biology at Tennessee Technological University in 1989, and completed his Ph.D. in fisheries science at Mississippi State University in 2001. His dissertation research involved developing habitat-specific energy budgets for Mississippi River catfishes. At UAPB, Mike's primary research emphasis has been black bass population studies (largely in the Arkansas River), an Alabama shad distribution survey (several rivers), fish assemblage studies in large rivers (Mississippi and White rivers), and a variety of smaller, unfunded projects. Mike's current research involves assessing the effects of invasive carp establishment on Arkansas' large-river fisheries while also leading a multi-state constructed-wetland assessment being conducted throughout the Mississippi River basin. In this latter study, UAPB serves as the lead institution and oversees five partner schools that are conducting field-intensive wetland assessments at hundreds of wetland sites from Texas and Louisiana north to the Dakotas.

Dr. Eggleton has published over 30 peer-reviewed publications covering a wide variety of topics including acid rain effects on stream communities, fish community ecology, large-river ecology, and various sport fisheries management topics. He has conducted research at both the population and community scales, and has worked in diverse types of aquatic systems ranging from low-order upland streams to reservoirs and large lowland rivers. Since 1987, Mike has authored or co-authored over 100 presentations at state, regional, national, and international conferences.

Dr. Eggleton has been a member of the American Fisheries Society (AFS) parent society since 1988, and has been an active member with four different AFS state chapters – Tennessee, Mississippi, Oklahoma, and Arkansas. Most recently, Mike chaired the budget and finance committee for the national AFS meeting held in Little Rock in 2013 and performed the same job again for the Southern Division AFS meeting held in Little Rock in 2020. Additionally, Mike has co-organized technical workshops for the AFS Southern Division and Arkansas Game and Fish Commission, and served as peer-reviewer for three books, eight book chapters, and over a dozen journals. Dr. Eggleton has been involved with the Mississippi-Yangtze River Basin Symposium (MYRIBS) since its inception in 2013. This collaboration of U.S. and Chinese large-river scientists has produced an AFS symposium book entitled "Fishery Resources, Environment, and Conservation in the Mississippi and Yangtze River Basins" (2016) and three journal special issues (2018, 2020, and 2024).