

Alec G. Maule, Ph.D. Supervisory Research Physiologist and Leader of the Ecology & Environmental Physiology Section, USGS WFRC Columbia River Research Laboratory:

amaule@usgs.gov (509) 538-2299 x x239

Alec has a BA in psychology (UC Riverside), a BS in natural resource management (California Polytechnic University, San Luis Obispo), and MS and Ph.D. in fisheries science from Oregon State University. Alec has been conducting research in the Columbia River Basin for almost 30 years and has over 50 peer-reviewed publications and numerous project reports. Alec's research has covered many levels of biological organization from basic aquatic ecology to an investigation of contaminant effects on gene expression. Current work attempts to connect the impacts of poor water quality (e.g., temperature, gas supersaturation, chemical contaminants) on the physiological functioning of individual fish, and connect that to effects at the population level. This line of research has led Alec to examine Arctic charr above the Arctic Circle and Moapa dace in 36° C pools in Nevada. He has been at the Columbia River Research Lab since 1991 and is an adjunct Professor of Biology at Portland State University and in Fisheries at Oregon State University.