

# Water management and freshwater fish conservation

## About

The water management and freshwater fish conservation is to develop water management practices and methods that use water efficiently, sustainable agricultural systems, protect natural resources, and support rural communities in arid and semi-arid regions through interdisciplinary research. We exploring to understand the grand challenges facing land water quality changing, freshwater sustainability, including issues related to the threats associated with dam infrastructure and development of civilization, invasive species, and climate change, and in a diversity of settings such as dryland streams, temperate rivers, inland lakes. Together, we work to advance the science and practice of conserving freshwater fish ecosystems. Freshwater fishes are among the most endangered taxa globally. We strive to understand mechanisms related to the loss of freshwater fishes, particularly in relation to anthropogenic disturbance, such as land-use and climate change, alterations to flow regime (ecohydrology), and impacts from invasive species.

Our passion is to create a world where people understand, value, and conserve freshwater and biodiversity.

