



COLLABORATIVE CONSERVATION AND ADAPTATION STRATEGY TOOLBOX

2020 Webinar Series: Non-Native Aquatic Species

“Humpback Chub Translocations and Non-Native Trout Removal in Grand Canyon National Park”



Adult Humpback Chub/Amy Martin/NPS

Date and Time: Thursday, April 9th, 2020 at 10AM (PDT)

Presenter: Brian Healy, PhD Candidate, Utah State University and Fisheries Program Manager, Native Fish Ecology and Conservation Program, Grand Canyon National Park

April Webinar: The Colorado River in Grand Canyon National Park is home to many endemic species of fishes. Yet, extensive water withdrawals and hydroelectric dam development have drastically altered riverine conditions of the Colorado River, including the populations of its unique fish species. Further, introduced fish such as trout are well-adapted to these modified conditions, outcompeting and preying on many of the threatened and endangered native species found in Grand Canyon. Today, the Humpback Chub is federally listed as Endangered. To protect this species, fishery biologists and park managers in Grand Canyon are expanding populations of Humpback Chub through translocations and through removing non-native trout from tributaries.



About the Speaker: Brian Healy is the Fisheries Program Manager for Grand Canyon National Park and is also a PhD candidate in Aquatic Ecology at Utah State University. Brian researches the effectiveness of conservation actions for imperiled native fish communities in arid-land habitats. His dissertation research at Utah State University involves understanding the population-level responses of fishes to the mechanical suppression of invasive Brown Trout, and assessing translocated populations of endangered Humpback Chub.

Webinar Access with Zoom: Follow this link <https://arizona.zoom.us/j/980213232>

CCAST Website:

Scan this QR code to visit CCAST and view additional Case Studies



CCAST Webinar Series:

CCAST is pleased to kick off a new webinar series on non-native aquatic species. Non-native aquatic species have been introduced intentionally and unintentionally throughout freshwater systems, and can present obstacles to achieving management objectives, ranging from recovery of native aquatic species to maintenance of water delivery infrastructure. Presenters in this series will discuss successes and lessons learned from on-the-ground and in-the-water projects across the West.

HOW CAN YOU CONTRIBUTE?

If you would like to share your project on aquatic non-native species through CCAST and help build this community of practice, please contact Matt Grabau, USFWS: matthew_grabau@fws.gov or Alex Koeberle, UArizona: akoeberle@arizona.edu