

Using biotelemetry to inform ecology and conservation of sturgeon: Examples from the Great Lakes and Sacramento River

Dr. Scott Colborne
Friday, January 28, 2022
3:00 – 4:00 PM
Zoom virtual meeting room

The sturgeon family of fishes dates back more than 250 million years and they were historically widespread across marine and freshwater ecosystems around the world. However, habitat loss, river modifications, and fisheries have dramatically impacted sturgeons and now the majority of this family are facing serious conservation challenges. These slow-growing, intermittently reproducing, and long-lived fish have remained mysterious in many ways due to the vast spatial scales over which they often occupy – limiting our ability to describe their ecology and develop effective conservation efforts. In this seminar I will provide an overview of two research projects using acoustic telemetry to track the movements of lake sturgeon (Great Lakes) and green sturgeon (Sacramento River). These studies have described intraspecific variation in habitat use and migration timing, and estimated adult survival rates to provide information relevant to conservation and management efforts.



<https://fresnostate.zoom.us/j/84543877621?pwd=VmduNjFublBEV09aSUlSRmRiZFIBdz09>

Meeting ID: 845 4387 7621

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In case the link did not work you are welcome to use the meeting ID# above to join us

If you need a disability-related accommodation or wheelchair access, please contact Lindasue Garner at the Department of Biology at 278-2001 or e-mail lgarner@csufresno.edu (at least one week prior to event).