

**From:** Don Heichel <kiheidon@sbcglobal.net>  
**To:** <cdibble@dfg.ca.gov>  
**Date:** 10/4/2010 2:31 PM  
**Subject:** Delta water flow & species of concern

Dear Bureaucrats,  
Have you taken testimony from Peter Moyle?

Peter Moyle, at UC Davis, says freshwater fish are stressed because our fresh water systems are stressed...in California 73% of fresh water fish species are threatened.

Peter Moyle: We have pollution, we have massive changes to the rivers caused by dams, we introduce non-native species, we alter our lakes and rivers to accommodate cities and farms. It basically means we're stressing the fresh waters of the world to their limits.

<http://earthsky.org/water/peter-moyle-says-fresh-water-stresses-causing-global-fish-decline>

Despite their cultural, historic, aesthetic, and economic importance, salmonid fishes are in severe decline in many, if not most, of their native habitats and many populations have been extirpated, especially in heavily industrialized areas (Montgomery 2003). The reasons for this are complex and multiple, but basically boil down to a combination of human competition for use of the high quality water salmonids require, alteration of the landscapes through which salmonid waters flow, overfishing, and introductions of alien species as predators or competitors. Concern for the loss of salmonid fisheries led to some of the earliest fish conservation efforts in Europe but during the 20th century; the principal responses were to culture them in hatcheries while restricting fisheries. Page 5 <http://www.caltrout.org/SOS-Californias-Native-Fish-Crisis-Final-Report.pdf>

Peter Moyle

Biography

Peter B. Moyle received a doctorate in zoology from the University of Minnesota in 1969. He is currently associate director for the Center for Integrated Watershed Science and Management at UC

Davis. <http://www.americanscientist.org/authors/detail/peter-moyle>+<http://wfc.ucdavis.edu/www/Faculty/Peter/petermoyle/Introduction.html>

Personally, I fail to see where overfishing has caused the recent sudden plunge in Salmon spawning adults as it has been curtailed to an extreme extent. Otherwise I find Mr. Moyle an intelligent voice whose research should be prominent in your considerations. Don Heichel