

To: Kristine Grace Cabugao cabugao.disb@gmail.com

Sent: Wednesday, June 21, 2023 10:09 AM

From: Lisa Lucas llucas@usgs.gov

Subject: RE: [EXTERNAL] Inventory and Synthesis of Scenarios in the Delta

thanks for your msg. i'm cc'ing my colleague, noah knowles, who was central to scenario development for the CASCaDE project. i see that you cite the CASCaDE project web page, which has a bunch of papers. i also see that you list many CASCaDE papers involving various scenarios in your appendix. all that is great. some others you may want to include are:

1. [Coupled downscaled climate models and ecophysiological metrics forecast habitat compression for an endangered estuarine fish](#)
2. [Implications for future survival of delta smelt from four climate change scenarios for the Sacramento-San Joaquin Delta, California](#)
3. larry brown had many other [scenario+fish related papers](#)
(<https://www.usgs.gov/staff-profiles/larry-brown#publications>)

you may also want to get in touch with albert ruhi (albert.ruhi@berkeley.edu) and denise columbano (denise.colombano@berkeley.edu) with whom we are collaborating on fish phenology studies using cascade model scenario results.

there is more CASCaDE work in progress involving scenarios (either in prep or in process, i.e., unpublished). are you hoping to include such as-yet-unpublished work? if so, how?

as a possibly relevant aside, i'm about to leave the country and noah is currently out of the office until sometime next week. so, we may not be able to meet the 6/26 deadline.

hope that's at least somewhat helpful,

lisa