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**From:** Dan Lawson - NOAA Federal <dan.lawson@noaa.gov>  
**Sent:** Friday, April 12, 2019 3:25 PM  
**To:** Brian Ellrott  
**Cc:** Garwin Yip; Cathy Marcinkevage - NOAA Federal; John Hannon; Evan Sawyer - NOAA Federal; eric.danner@noaa.gov; Barbara Byrne; J. Stuart - NOAA Federal  
**Subject:** Re: WRLCM ROC LTO Results Review

From a killer whale perspective, the overall Chinook productivity analysis is abundance focused so that should match up well on that front.

Dan

On Fri, Apr 12, 2019 at 2:58 PM <[brian.ellrott@noaa.gov](mailto:brian.ellrott@noaa.gov)> wrote:

Regarding this morning's discussion around CRR, be aware that the extinction risk criteria for CV salmonids for population productivity are based on trends in spawner abundance, not CRR. In order to be consistent with those criteria, when discussing productivity in the I&S, I'm relying on the abundance plot (slide 4). I recommend we carry that consistency into the effects section and the life cycle modeling results write-up. We don't necessarily need to be silent on CRR (although I am), but we should be explicit that the spawner abundance trend informs the extinction risk evaluation we said we'd do (i.e., use the Lindley et al. 2007 criteria).

### **WRLCM ROC LTO Results Review**

When Fri Apr 12, 2019 9:15am – 10:15am Pacific Time - Los Angeles

Where NMFS - WCR - SAC - Conf Line 4- 866-742-0530 Passcode: 6334173, Sacramento - LgConf - Delta ([map](#))

Who

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