From:Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>Sent:Monday, March 25, 2019 1:10 PMTo:Maria Rea; Garwin Yip; Howard BrownSubject:Fwd: climate scenario memo

All --

Here's the memo from SWFSC on climate change consideration and latest info of climate projections specific to the Central Valley. I'll provide this to the group later today.

Cathy

------ Forwarded message ------From: **Eric Danner - NOAA Federal** <<u>eric.danner@noaa.gov</u>> Date: Thu, Mar 21, 2019 at 6:53 PM Subject: Fwd: climate scenario memo To: Cathy Marcinkevage - NOAA Federal <<u>Cathy.Marcinkevage@noaa.gov</u>>

Cathy,

Please see the attached memo from Nate.

Eric

------ Forwarded message ------From: Nate Mantua - NOAA Federal <<u>nate.mantua@noaa.gov</u>> Date: Thu, Mar 21, 2019 at 4:49 PM Subject: climate scenario memo To: Eric Danner - NOAA Federal <<u>eric.danner@noaa.gov</u>> Cc: miles daniels <<u>miles.daniels@noaa.gov</u>>

Eric and Miles,

here is my memo for the CVO on climate change scenarios.

Nate

Nate Mantua NOAA NMFS Southwest Fisheries Science Center 110 McAllister Way Santa Cruz, CA 95060 office phone: 831-420-3923 email: nate.mantua@noaa.gov --Eric Danner, Ph.D. Supervisory Research Ecologist Fisheries Ecology Division, Southwest Fisheries Science Center 110 McAllister Way Santa Cruz, CA 95060 831-420-3917 http://swfsc.noaa.gov/