From: Sent:	Sarah Gallagher - NOAA Federal <sarah.gallagher@noaa.gov> Friday, December 7, 2018 2:47 PM</sarah.gallagher@noaa.gov>
То:	Garwin Yip - NOAA Federal
Cc:	Barbara Byrne - NOAA Federal; Evan Sawyer - NOAA Federal
Subject:	Re: Temperature modeling meeting with science center

Garwin,

See attached for changes.

To answer your question about my reference to CV temp models: your're right CV temp is the website that houses their three models. I changed to your wording. Accepted other changed and reworded number 4.

Anything to add Evan?

## Sarah Gallagher | Fish Biologist

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On Fri, Dec 7, 2018 at 1:26 PM Garwin Yip - NOAA Federal <<u>garwin.yip@noaa.gov</u>> wrote: See attached.

-Garwin-

Garwin Yip Water Operations and Delta Consultations Branch Chief NOAA Fisheries West Coast Region U.S. Department of Commerce California Central Valley Office 650 Capitol Mall, Suite 5-100 Sacramento, CA 95814 Office: 916-930-3611 Cell: 916-716-6558 FAX: 916-930-3629 www.westcoast.fisheries.noaa.gov



On Fri, Dec 7, 2018 at 12:25 PM Sarah Gallagher - NOAA Federal <<u>sarah.gallagher@noaa.gov</u>> wrote: Garwin,

Miles said he and Eric would be happy to have a call/meeting to update us on temperature modeling. He said the time they need for the meeting would be dependent on questions/discussion points we have, and he asked that we send him some so they can prepare.

I could use some help from you in development of questions, particularly from what Maria's expectations are, and specific questions we want answered.

**Barb and Evan,** we mentioned this call with the science center at our Shasta meeting last week, and I thought you may also be interested in joining. I would appreciate your input on discussions, or questions that you may want answered too.

Overall, I think we want to know this information for moving forward on the ROC.

Here are a few topics that I came up with.

- 1. Overview of the models they are developing (CVtemp models) general purpose, current status, and next steps.
- 2. Their support or perspectives on Dea's Model
- 3. Integration of Dea's model and their models
- 4. What would we need from them for the ROC?

(FYI-Eric gave an update today on the Salmon Recovery call about the watershed model component of CVTemp and Miles sent me a summary of benefits and limitations of Dea's model that I can share-overall says waiting for final to see the details-should be out in next month or two).

If a call is easier to share let me know, or just reply to all with suggestions and I can put it together.

## Sarah Gallagher | Fish Biologist

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