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**From:** Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>  
**Sent:** Friday, December 7, 2018 12:44 PM  
**To:** Sarah Gallagher - NOAA Federal  
**Subject:** Re: Temperature modeling meeting with science center

Thought your questions covered it pretty well. One other question might be a recommendation for what climate scenarios are available for the northern CA area.

On Fri, Dec 7, 2018 at 12:40 PM Sarah Gallagher - NOAA Federal <[sarah.gallagher@noaa.gov](mailto:sarah.gallagher@noaa.gov)> wrote:  
Ok, will do. If you have any questions or topics for them, let me know though.

**Sarah Gallagher | Fish Biologist**  
*NOAA Fisheries | West Coast Region*  
*U.S. Department of Commerce*  
650 Capitol Mall, Suite 5-100, Sacramento, CA 95814  
916-930-3712 | [Sarah.Gallagher@noaa.gov](mailto:Sarah.Gallagher@noaa.gov)

On Fri, Dec 7, 2018 at 12:39 PM Barbara Byrne - NOAA Federal <[barbara.byrne@noaa.gov](mailto:barbara.byrne@noaa.gov)> wrote:  
Thanks, Sarah -- please include me on the invitation but don't postpone the meeting to accommodate my schedule. I may need to sit in on all the Tiger Team meetings and that locks up my schedule next week!

On Fri, Dec 7, 2018 at 12:25 PM Sarah Gallagher - NOAA Federal <[sarah.gallagher@noaa.gov](mailto:sarah.gallagher@noaa.gov)> 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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