
From: Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>
Sent: Thursday, February 14, 2019 7:49 AM
To: Katrina Harrison
Cc: Ellis, Gregg; Wilder, Rick; Greenwood, Marin; Joshua Israel; Michael Beakes; Barbara Byrne - NOAA Federal
Subject: Re: [EXTERNAL] Re: ROC Bio Modeling Meeting

Hi all --

First, I'll be hopping off the train -- can we start at 8:40 so that I can get dry?

Sorry I didn't get this list to you all sooner. Here's what I'd like to discuss. Given Rick and Marin's experience on CWF and Remand and the decision making on methods for them, I think they'll be well placed to help us discuss these. There are a few newer items since I've had a chance to talk more with our team and they are more familiar with the BA than they were a week ago so have been better able to identify needs as a result of the sufficiency review.

- Can the following methods be applied to provide NMFS with quantitative results to consider in our analysis and take determination?
- What's the status of these methods?
- Are there other methods available to contribute to providing at least a single line of evidence, if not multiple?

San Joaquin

Salim: Use of full model or a single module on juvenile survival through the Delta.
Other tools for the Stan?

Trinity

Trinity analysis is lacking support. Division leads have flagged the following as high priorities.

SSS (stream salmonid simulator): USGS or USFWS can do this modeling as its likely ICF cannot. We should explore the resources needed for this.

SONCC coho habitat modeling : USFWS and BOR (TRRP) can do, ICF may be able to. River Basin Model-10 (RBM10): for temperature effects at the daily average time step at Douglas City and North Fork-Helena in the Trinity River. USFWS and USGS (i.e., Russ Perry) developed the model, but can be run by others familiar with the model and the PA.

Tributaries

SALMOD: Apply to the Sac River. Has it be configured for any others? What results do we get out of it that we don't get from anything else?

WUA Analyses: Are these developed in a way that they can be applied to other tribes?

InSalmo/IFIM : Developed for Clear Creek; SWFSC working on a similar application for the Upper Sac. Other IFIM studies available for tribes?

Other tools for tribes?

Overall

Fall-run analysis to support SRKW analysis.

Talk to you soon -

Cathy

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On Feb 13, 2019, at 2:32 PM, Katrina Harrison <kharrison@usbr.gov> wrote:

Hi Cathy -

Should we do a conference call or would it be best to meet in person?

Below is the conference line:

(877) 704-7971; 8516866

Thanks,

Katrina

On Feb 13, 2019, at 2:11 PM, Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov> wrote:

I can do 8:30-9:30 tomorrow. For now it will be just me.

I can send a brief list of items to cover by the end of today if that works.

Thanks!

Cathy

On Wed, Feb 13, 2019 at 1:08 PM Harrison, Katrina <kharrison@usbr.gov> wrote:

Hi Cathy -

Marin Greenwood and Rick Wilder are the key people from ICF. Their availability on Thursday is 8:30 – 9:30, or Friday anytime from 1:30 on.

I know you said you were available Thursday 1-3pm or Friday morning, any chance NMFS folks are available any of the times above instead?

Thanks,

Katrina