From:	Rains, Mark
To:	Amanda Rodewald (adr79@cornell.edu)
Cc:	Armitage, Thomas; Goodman, Iris
Subject:	Fwd: Date and time of call to discuss the material for SAB Panel report
Date:	Tuesday, May 13, 2014 2:42:46 PM
Attachments:	Definition.docx ATT00001.htm

Hi Amanda,

Mark Murphy and I had a productive conversation today, underlain by the attachment that he put together over the weekend. In it, he starts answering the question of metrics, proposing (as one example) the Poff et al. (1997) Natural Flow Regime framework as being exemplary of a suite of metrics. He suggested -- and, if I understand correctly, implied that you had previously suggested -- that all such metrics be filtered through their effects on biota, noting that there are disturbance adapted ecosystems, perhaps best described in terms of resilience. I wanted to quickly bring all of this to your attention because my action item no. 6 implied that you were going to pull some of this information together, to which I think you agreed by email a few days ago. This, then, seems like a good start.

In the near term, I'm going to focus on some of Mark's other comments, along with my notes, my other action items, and the comments in the markup. If I get to the section on metrics and haven't yet heard from you, then I'll email you to coordinate how to best proceed.

Mark

Sent from my iPad

Begin forwarded message:

> **From:** "Armitage, Thomas" <Armitage.Thomas@epa.gov>
> **Date:** May 13, 2014 at 2:09:07 PM EDT
> **To:** "Rains, Mark" <mrains@usf.edu>
> **Subject: FW: Date and time of call to discuss the material for SAB Panel report**

> **From:** Mark Murphy [mailto:hassy@cox.net]
> **Sent:** Sunday, May 11, 2014 10:56 PM
> **To:** Armitage, Thomas; mrains@usf.edu
> **Cc:** adr79@cornell.edu; Goodman, Iris
> **Subject:** Re: Date and time of call to discuss the material for SAB Panel report
>
> Hi everyone,
>
> Attached is my first, very rough, cut at the disturbance ecology contribution. Still need

to find a few more references, particularly examples from mesic systems. I leaned heavily on Emily Stanley's excellent review paper in J-NABS. I'm inclined to just say "read and incorporate that paper" but that would be lazy.

Enjoy!
Mark

Mark T. Murphy, Ph.D., R.G.
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On 5/5/2014 3:09 PM, Armitage, Thomas wrote:

Hi Mark Rains and Mark Murphy,

I have scheduled a call on **Tuesday, May 13th from 1 – 2 pm (Eastern Time**) for you to talk about the additional text for Section 3.2 of the SAB Connectivity Panel's report.

The call-in number is **1-866-299-3188, conference code 2023439995#** .

My notes indicate Mark Rains will develop some additional text on spatial and temporal scale for the response to charge question 2 . Mark Murphy will provide material for this and will include concepts (with references) from the literature on disturbance ecology.

Thanks very much,

Tom Armitage

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Thomas Armitage Ph.D.
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