
From: Russell, Daniel </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D84F6C6D50E74230B05C507F1800FB6D-DANIEL_RUSS>
To: Hull, Josh
Sent: 3/6/2020 11:10:05 AM
Subject: Re: draft cumulative effects

Thanks, Josh

I may be over-reading your response, but would just like to add that we shouldn't be talking about cumulative effects just on a specific combination of threats. Obviously we want to talk about how one threat may influence the severity of another. But those aren't "separate" effects.

What I tried to capture in my write-up about cumulative effects is that we lump together the whole shebang of threats, taking into account the magnitude of each (and as each may be magnified by other influences).

Hope that makes sense, or that you were already on that path, and I'm just being overly cautious about it!

Thanks again,
Dan

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From: Hull, Josh <Josh_Hull@fws.gov>
Sent: Thursday, March 5, 2020 4:09 PM
To: Russell, Daniel <daniel_russell@fws.gov>
Subject: Re: draft cumulative effects

Thanks Dan. I think that makes sense and we shouldn't have too much trouble adding that to SSN as well, especially for the cumulative effects of climate change/drought/tree mortality. Talk to you tomorrow.

Josh

From: Russell, Daniel <daniel_russell@fws.gov>
Sent: Thursday, March 5, 2020 4:03 PM
To: Hull, Josh <Josh_Hull@fws.gov>; Drake, Madeline K <madeline_drake@fws.gov>
Subject: Re: draft cumulative effects

just in the format and the way we talk about "wrapping up" all the threats and conservation measures in a cumulative way.

in our earlier version (and as kerry rightly pointed out!), we simply say we evaluated things cumulatively. but we never really showed how we did so.

i tried to do that in this write-up for NCSO, and think we need to do the same way for SSN.

we can discuss more tomorrow, but that's what i was thinking.

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From: Hull, Josh <Josh_Hull@fws.gov>
Sent: Thursday, March 5, 2020 3:56 PM
To: Russell, Daniel <daniel_russell@fws.gov>; Drake, Madeline K <madeline_drake@fws.gov>
Subject: Re: draft cumulative effects

Hi Dan,
Both Madeline and I took a look at your new section. We don't have any specific concerns, although we had a hard time comparing all of the differences without a track changes version. How are you envisioning applying this to the determination for SSN?
Thanks,
Josh

From: Russell, Daniel <daniel_russell@fws.gov>
Sent: Thursday, March 5, 2020 3:07 PM
To: Crowell, Heidi <heidi_crowell@fws.gov>; Willy, Elizabeth <elizabeth_willy@fws.gov>; Glenne, Gina <gina_glenne@fws.gov>; Livingston, Sue <sue_livingston@fws.gov>; Drake, Madeline K <madeline_drake@fws.gov>; Eyes, Stephanie A <stephanie_eyes@fws.gov>; Hull, Josh <Josh_Hull@fws.gov>; Picco, Angela <Angela_Picco@fws.gov>
Subject: draft cumulative effects

In case you haven't read it yet, please see my chat to the group about this.
Thanks,
Dan

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