From:	O"Donnell, Michael
To:	Mary Flanderka; Cameron Aldridge; Brad Fedy; Kevin Doherty; Zachary Bowen
Cc:	Michael O"Donnell
Subject:	Re: Seasonal Sage-grouse habitat USGS data series report: Request for review
Date:	Saturday, November 09, 2013 10:03:42 AM
Attachments:	OversightComments_11082013.zip

Mary, I am attaching a zip file that includes all the comments I received from the oversight team on the USGS sage-grouse data series during the last three weeks (some of these you were CC'd, but this attachment includes everything). These comments have mostly been addressed, but I still need to address Laurel's (PeaBody) comments. I will work with Cam, Kevin, and Brad to ensure we address all comments appropriately. After these changes, we will move forward with the USGS review process (next week) so we can release this product once the Monograph is in print.

If you have any questions, please let myself or one of the PIs know.

Thank you,
Mike

- -
Michael O'Donnell
GIS/IT Analyst
Phone: 970.226.9407
Fax: 970.226.9230
Email: odonnellm@usgs.gov

United States Geological Survey/BRD
Fort Collins Science Center
2150 Centre Ave., Bldg C
Fort Collins, CO 80526

On Mon, Oct 21, 2013 at 9:50 AM, Mary Flanderka <mary.flanderka@wyo.gov> wrote:

> Hello Oversight Committee, Please find the following e-mail from Mike O'Donnell. Michael needs feedback (in word format) by the end of October, approx. 2 weeks.
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> Thank you in advance for reviewing these documents!
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Mary Flanderka
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Extended for the following:
Matt Grant (Pacific Corp Energy; 307-995-5049): No later than Nov 8
Laurel Vicklund (Peabody): Nov 5
Nyssa Whitford & Nicholas Graf: Nov 7/8

O'Donnell, Michael <odonnellm@usgs.gov>

Comments: Seasonal sage-grouse habitat USGS data

1 message

Grant, Matt <Matt.Grant@rockymountainpower.net> Wed, Nov 6, 2013 at 10:39 AM
To: "odonnellm@usgs.gov" <odonnellm@usgs.gov>
Cc: "Evans, Heather" <Heather.Evans@pacificorp.com>

Mike,

Rocky Mountain Power has thoroughly reviewed the data series report that you shared and is comfortable with the content. RMP has no further comments on this draft.

Thank you for the time allowance and we look forward to working with you in future!

Matt

Matt Grant

PacifiCorp Energy-Dave Johnston Power Plant

Senior Environmental Analyst

Glenrock, Wyoming

307-995-5049 office

307-631-5468 cell

Peabody Powder River Operations
1013 East Boxelder
Gillette, WY 82716
Caller Box 3034
Gillette, WY 82717-3034
307.687.3900

November 8, 2013

Michael O'Donnell
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E-mail: odonnellm@usgs.gov

RE: Comments on "Wyoming Greater Sage-grouse Habitat Prioritization: A Collection of Multi-scale Seasonal Models and Geographic Information System Land Management Tools".

Dear Mr. O'Donnell;

Thank you for an opportunity to offer some final comments on this draft manuscript.

Peabody Powder River Operations (PPRO) offered comments on "Habitat Prioritization Across Large Landscapes, Multiple Seasons, and Novel Areas: An Example Using Greater Sage-Grouse in Wyoming" by Fedy et. al. One of the major comments of that monograph was that the draft did not adequately identify the limitations of use of the monograph. This draft manuscript offers: "……we provide a set of tools and describe how land managers can begin exploring these models for conservation practices." This statement offers a more accurate explanation of the original understanding of this modeling effort.

Northeast Wyoming was identified as an area that was not well represented in the monograph. Peabody has put considerable time and effort into monitoring sage grouse in and around the PPRO mines, we are understandably concerned about how a course resolution analyses might be used to manage an area where finer resolution data is pre-existing. The draft manuscript on page 14 states: "If newly collected data does not exist for novel areas, we recommend using the combined landscape-patch regional models for habitat assessments." PPRO would suggest that that local data should be used when possible.

The draft manuscript mentions under section 4. RSF relative probability surfaces versus Boolean and binned surfaces that: "While there are multiple different options to identify the specific threshold choice, the approaches we used are statistically defensible and repeatable across models and areas." This method may be statistically defensible and repeatable however; specific, existing data from these areas remains the most accurate.

In the Advanced Spatial Applications, bullet 7 states: "A land manager may use the relationships of predictors as an additional resource for informing landuse regulations….." Based on opening statements made in the draft manuscript, PPRO feels that this statement overreaches the intended use of this tool.

The criteria stated for "Data Set Quality Assurance" is well described. This description also explains why the data used for the modeling tool described in the draft manuscript is only as good as the data input. Therefore, the use of local data should be encouraged when it exists.

PPRO agrees with the Summary statement that: "This suite of tools will provide one of the best available resources of sage-grouse habitat products currently available for Wyoming, but users should not solely rely on these products."

Under Acknowledgments, PPRO is listed as "Powder River Coal". Would you please change that to: Peabody Powder River Coal?

PPRO appreciates that you and your staff have spent an enormous amount of time, energy, and expertise developing this collection of Multi-scale Seasonal Models and Geographic Information System Land Management Tools. Thank you for the effort you put into this draft manuscript to make it understandable to the lay-person.

Your consideration of these comments is greatly appreciated. Should you have questions or require more information, please feel free to contact me at (307) 687-5462. My email address is:

- Laurel Vicklund- lvicklund@peabodyenergy.com

Sincerely,

Laurel E. Vicklund
Peabody Powder River Operations
Sr. Environmental Scientist

O'Donnell, Michael <odonnellm@usgs.gov>

Re: Seasonal Sage-grouse habitat USGS data series report: Request for review

1 message

Morton, Jennifer <j75morto@blm.gov> Mon, Nov 4, 2013 at 1:49 PM
To: "O'Donnell, Michael" <odonnellm@usgs.gov>

Michael,

I reviewed this (thank you for forwarding it on). I don't have any comments at this time.

Jenny

On Thu, Oct 31, 2013 at 7:22 PM, O'Donnell, Michael <odonnellm@usgs.gov> wrote:

Chris and Jenny, I do not believe you were included on the email list sent out by Mary Flanderka. If you have time and interest this email chain pertains to the comment period of the USGS SG data series report for the habitat modeling project. I need comments back ASAP, but I can also let you know that I have extended the review period by a week to accommodate two reviewers (absolute deadline is nov 8). I understand if you cannot provide comments in such short notice.

Cam, noticed you were not on the email list, which is why I am forwarding this to you.

thank you,
mike

- -

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Jenny Morton
Greater sage-grouse Program Lead
Wyoming State Office
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Fax: 307-775-6042
j75morto@blm.gov

O'Donnell, Michael <odonnellm@usgs.gov>

Re: Seasonal Sage-grouse habitat USGS data series report: Request for review

1 message

Nyssa Whitford <nyssa.whitford@wyo.gov> Thu, Nov 7, 2013 at 3:52 PM
To: Tom Christiansen <tom.christiansen@wyo.gov>, "O'Donnell, Michael" <odonnellm@usgs.gov>

Tom and Mike,

Thanks for allowing me to comment and I am glad I had an extra week to get things in. That being said I did not get to spend as much time reviewing the GIS files and documentation as I would have liked but this is what I have so far:

That was probably the easiest to read scientific paper ever. I actually understood every word :) I, like Tom, really appreciated the clear and concise language of how to use the models and what all the data means. Really well done. I am very excited to dive deeper into the models and consult the paper and start using this data when it is available.

I might have missed this section in the paper but a bit more elaboration on how the sub regions were defined. Perhaps is was only a sentence or two but knowing that process would be helpful.

I was unable to get the v2 core layer file to open. I think it might be missing a piece of the shapefile. Nicholas passed the data along to me so it could be this got lost in the process.

Why was the v2 and v1 core included? Perhaps I missed that portion of the paper. We have pushed people for so long to only use the v3 core. I do not want any confusion.

The frequently asked question section is excellent. I appreciate how the model constraints are laid out and the appropriate scale at which to use the model are mentioned.

Your section on addressing the future of these models and incorporating new data sets was great. I look forward to helping with that.

Thanks again and I am sorry my comments are not more in-depth but hope they are helpful. Good job on a tough project!
Nyssa

On Fri, Nov 1, 2013 at 1:53 PM, Tom Christiansen <tom.christiansen@wyo.gov> wrote:

> fyi... (if you have the time and have comments).
>
> ---------- Forwarded message ----------
> From: **O'Donnell, Michael** <odonnellm@usgs.gov>

Date: Fri, Nov 1, 2013 at 6:57 AM
Subject: Re: Seasonal Sage-grouse habitat USGS data series report: Request for review
To: Tom Christiansen <tom.christiansen@wyo.gov>
Cc: Mary Flanderka <mary.flanderka@wyo.gov>

Tom, thank you for your comments. I have given three people an additional week, so if Nyssa and Nicholas have time to review and they can get their comments back to me by the end of next week (nov 7 or nov 8) at the latest then that will work.

thanks,
mike

- -

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Fort Collins, CO 80526

On Thu, Oct 31, 2013 at 5:05 PM, Tom Christiansen <tom.christiansen@wyo.gov> wrote:

Hey Mike,

I've reviewed the document and offer just a few comments, mostly complimentary.

1) I appreciate the clear and repeated cautions and limitations. I know this has been a major concern from some on the oversight group and I believe they should be satisfied with the caveats you've provided.

2) I appreciate the discussions on appropriate use of the models esp. rethresholding and incorporating new telemetry data sets. I'm optimistic that, with good GIS folks, we can use the tools as they are intended.

3) (minor) I note the use of "data" as singular in several locations. I realize the use of the word is evolving but wanted to make sure you and USGS style are comfortable with the various "data is" types statements scattered throughout the document.

4) I was remiss in forwarding the document to our GIS staff (Nyssa Whitford & Nicholas Graf) for review until earlier today. I don't expect them to review the document on short notice nor do I expect you to hold up your timeline. If either

of them have major comments in the coming days I'll forward the comments but, again, I don't expect you to be able to deal with them if they are late.

Thanks for your continuing efforts on this project.

Tom

Tom Christiansen
Sage-Grouse Program Coordinator
Wyoming Game & Fish Department
351 Astle Ave
Green River, WY 82935
307.875.3225 ext. 18610
tom.christiansen@wyo.gov

On Tue, Oct 29, 2013 at 6:22 PM, O'Donnell, Michael <odonnellm@usgs.gov> wrote:

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If you have any questions/concerns please contact me. I also want to thank everyone in advance for taking the time to provide feedback on this report. Your expertise and insight on tailoring this report for data users and managers is well appreciated by the PIs and myself.

Thank you,
Mike

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O'Donnell, Michael <odonnellm@usgs.gov>

Re: Seasonal Sage-grouse habitat USGS data series report: Request for review

1 message

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