

**To:** Matthew Betenson[mbetenso@blm.gov]; Theresa Romasko[tromasko@blm.gov]  
**From:** Backer, Dana  
**Sent:** 2017-07-28T19:02:30-04:00  
**Importance:** Normal  
**Subject:** Fwd: LCI GSENM Draft Final Report  
**Received:** 2017-07-28T19:02:40-04:00  
[LCI GSENM Final Report Draft 061517.pdf](#)

Here is the email I sent you on June 20th

Dana Backer  
Science Program Administrator  
Grand Staircase Escalante National Monument  
Kanab, UT 84741  
435-644-1257

----- Forwarded message -----

From: **Backer, Dana** <[dbacker@blm.gov](mailto:dbacker@blm.gov)>  
Date: Tue, Jun 20, 2017 at 9:09 AM  
Subject: Fwd: LCI GSENM Draft Final Report  
To: Theresa Romasko <[tromasko@blm.gov](mailto:tromasko@blm.gov)>  
Cc: Matthew Betenson <[mbetenso@blm.gov](mailto:mbetenso@blm.gov)>

Hi Theresa,  
Kevin Miller, the former Science Program Administrator, initiated an assistance agreement with NAU in 2013 to review AIM data (integration of historical and contemporary data to inform assessment, monitoring, and decision-making on GSENM). The agreement was then modified in 2015 to do a spatially explicit state and transition models. Looks like the funding source was NLCS and totaled just over \$54K.

When Kevin left, the AA went to Adrienne Pilmanis and then to Casey Abby just within the last two months. Casey is the state lead for AIM. Last week, the PI sent a final draft of the first phase of the project. The PI's email is below and he has some questions specific to the Monument.

In talking with Matt, someone from GSENM needs to be involved in this project, respond to his questions and review the draft and perhaps take over as PO on the agreement. Matt asked me to forward this to you. All of the assistance agreement information, proposals, etc. can be found in this folder:

Z:\Science Program\KHMILLER\khm assistance agreements\NAU-Dickson

Kevin is willing to review the draft but is not in a position to respond to Monument specific questions and needs.

Thanks.  
Dana

Dana Backer  
Science Program Administrator  
Grand Staircase Escalante National Monument  
Kanab, UT 84741  
435-644-1257

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From: **Pilmanis, Adrienne** <[apilmani@blm.gov](mailto:apilmani@blm.gov)>  
Date: Fri, Jun 16, 2017 at 9:06 AM  
Subject: Fwd: LCI GSENM Draft Final Report  
To: "Backer, Dana" <[dbacker@blm.gov](mailto:dbacker@blm.gov)>  
Cc: "Beckstead, Melanie" <[mbeckstead@blm.gov](mailto:mbeckstead@blm.gov)>

Hi Dana -

Are you certified as PO now? Or still just as a Technical contact for this agreement?

I spoke with Kevin who would like to be involved in the review of this report and answering the PI's questions. I am in a bit of a time crunch now working to finish many many tasks for my program before I am on leave all of July.

I'll look forward to your good news, I hope!

Adrienne Pilmanis  
Ecologist/ Coordinator  
Colorado Plateau Native Plant Program  
Bureau of Land Management  
440 West 200 South, Suite 500  
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----- Forwarded message -----

From: **Brett G Dickson** <[brett.dickson@nau.edu](mailto:brett.dickson@nau.edu)>  
Date: Thu, Jun 15, 2017 at 6:05 PM  
Subject: LCI GSENM Draft Final Report  
To: [khmiller@blm.gov](mailto:khmiller@blm.gov), Adrienne Pilmanis <[apilmani@blm.gov](mailto:apilmani@blm.gov)>  
Cc: Luke John Zachmann <[Luke.Zachmann@nau.edu](mailto:Luke.Zachmann@nau.edu)>

Hi Adrienne and Kevin,

Our apologies for the delayed delivery of this final report (on the original, 'phase I' of the work). You may know Valerie went to work for the USFS last year and Luke has moved to half time at NAU, so I've been short staffed for a while. Nevertheless, we've pulled together the attached,

draft final report for your review. We look forward to your comments and discussing when convenient.

Considering the data and results in this report, one (as-yet informal) take-home we'd like to discuss entails the idea that all information is good information as long as it is modeled appropriately. If these data did not arise from a probabilistic sampling design, or are otherwise not highly informative, then it may not be worth the expense to digitize these data (or implement in the context of a statistical model). As such, your final judgement and knowledge about the available resources, such as funding, interns, etc., will be critical as we consider moving this particular effort any further forward.

Also, all of the code used for the representation analyses and the matching is available via Bitbucket: <https://bitbucket.org/lzachmann/gsenm>. We can invite collaborators upon request.

In light of the delays in reporting the attached work to you, we still would be excited by the opportunity to advance the outcomes and discuss future possibilities when convenient. Thanks for your patience.

Best,

Brett

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Brett G. Dickson, Ph.D.

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