

## Johnson, Bill H (DNR)

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**From:** David Blaha <[REDACTED]>  
**Sent:** Friday, June 24, 2011 2:56 PM  
**To:** Johnson, Bill H (DNR); Al Trippel  
**Cc:** Deb McGovern  
**Subject:** Re: Request for Fred Marinelli

Bill

I will reach out to fred but he has already been looking into this

Several projects/EISs have been identified using probabilistic modeling but not sure any used Goldsim, but will double check

I think examples using probabilistic modeling are more important than Using Goldsim specifically

I will be in touch

Have a great weekend!!!

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**From:** Johnson, Bill H (DNR) [[mailto:\[REDACTED\]](mailto:[REDACTED])]  
**Sent:** Friday, June 24, 2011 08:45 PM  
**To:** Al Trippel; David Blaha  
**Cc:** Deb McGovern  
**Subject:** RE: Request for Fred Marinelli

Dave (and Al), the goal here is to further ground GoldSim's use and acceptance in the world outside Minnesota mining. Sounds like the Idaho Cobalt EIS is on that track. Bill.

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**From:** Al Trippel [[mailto:\[REDACTED\]](mailto:[REDACTED])]  
**Sent:** Friday, June 24, 2011 2:35 PM  
**To:** David Blaha  
**Cc:** Johnson, Bill H (DNR); Deb McGovern  
**Subject:** Fw: Request for Fred Marinelli

Dave - - since you manage Fred's scope, would you please respond to Bill about doability of this. There is Idaho Cobalt Mine EIS ....

Thanks, Al

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**From:** Johnson, Bill H (DNR) [[mailto:\[REDACTED\]](mailto:[REDACTED])]  
**Sent:** Friday, June 24, 2011 08:22 PM  
**To:** Al Trippel  
**Cc:** Deb McGovern  
**Subject:** Request for Fred Marinelli

Al, the GoldSim presentation for the Tribal Cooperating Agencies is now underway. One request was if there were examples of where GoldSim-based outputs had been verified in post-project monitoring. The answer was that GoldSim itself was not the driver there, rather the data, and underlying algorithms, etc. as well as how the project was actually implemented.

What we did think was probably available were examples where GoldSim was applied successfully in mining related ER and permitting.

Peter and Tina committed Barr to look into this. I committed Fred to do the same as ERM's consulting "GoldSim expert" for the Co-leads.

In my mind, there may be some mining EISs out there where GoldSim informed the impact assessment. Please see what Fred thinks here. If he needs more guidance, we can work with the Barr folks too to find some relevant examples.

It is my hope this would not require a lot of effort. If Fred knows of some examples, we can shoot that to Barr to actually procure. Thanks. Bill.

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