

## Questions and Answers from January 25<sup>th</sup> Webinar, “Data Analytics, Visualization, and Storytelling”

*The questions below were asked by the participants of the Geothermal Design Challenge™ Webinar, “Data Analytics, Visualization, and Storytelling”.*

Question: In terms of the data provided. Many of the excel data sets such as granite vertices, 58-32 pressure and flow, and temperature do not have a depth recorded alongside them. Is there another place to get this information?

***ANSWER: Most all of the data files you mentioned are formatted with X, Y, Z or X,Y,Z data. Z is the elevation of the data point, in meters, above mean sea level. The 58-32 pressure/temperature data were collected from the open hole segment at the bottom of the well.***

Question: For the geothermal project are we assuming that the 58-32 well is going to be used for injection?

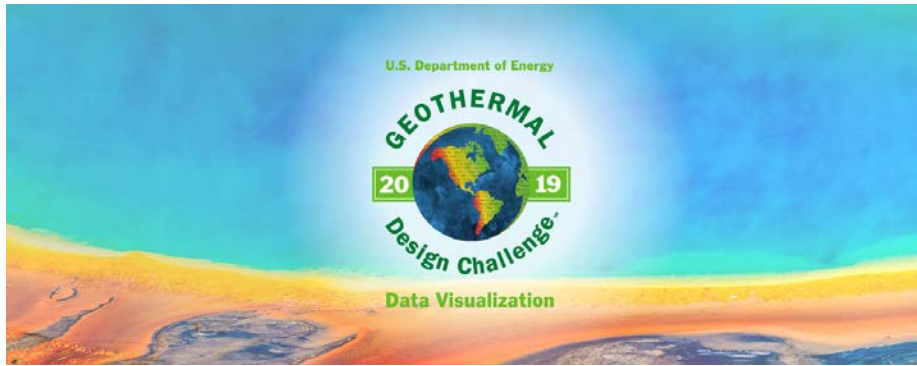
***ANSWER: Not necessarily. We will be drilling several new well over the coming years as part of Phase 3 of FORGE.***

Question: I have several questions about technical details about the well site we're proposing. Should I ask them here or is there someone I should email directly?

***ANSWER: Please send your specific questions to [geothermalchallenge@inl.gov](mailto:geothermalchallenge@inl.gov). We'll get them answered for you.***

Question: I am planning on processing the data mainly with ArcGIS. Could a StoryMap be an acceptable way to present our graphics?

***ANSWER: In a general sense, yes, StoryMap can be used.***



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Question: What data visualization program(s) do you recommend for someone who does not have experience with any of these programs?

**ANSWER: Start with something easy like Microsoft Excel or similar spreadsheet, which you can use basic graphs such as scatter plots or line graphs. OpenOffice.org distributes a nice open source (i.e., free) spreadsheet. You can also try something like Octave (also free) which is more advanced but takes a little more to master.**

Question: Do you expect all submissions to be digital? Are physical artifacts allowed (perhaps by picture?)

**ANSWER: Submissions should be digital. You will be able to upload png, jpg, gif, and pdf files, as well as a Tableau dashboard link.**

Question: Any chance you could email all webinar participants with the link to the location of this presentation so we can access the live links?

**ANSWER: Yes, we will email the attendees of this webinar the link to the presentation and slides once they are available on the website.**

Question: Out of curiosity, how many folks joined the webinar?

**ANSWER: A total of 42 participants joined today.**

Question: Will all of these slides be posted online later?

**ANSWER: Yes they will. You will find the video and slides at [utahforge.com/studentcomp](http://utahforge.com/studentcomp).**