3D Modeling of Commonwealth Lake

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Boiling Springs Lake

- Located in Lassen Volcanic National Park, CA.
- One of the largest geothermal acidic lakes in the world
- Temperature ranges of 46 to 80°C
- Has not been studied to date













































Future Improvements

- Fix the propulsion so that it doesn't have to be towed.
- Fix the temperature winch so that temp readings can be taken at depth.
- Take readings close together to ensure a small prediction error.
- Take readings in a grid format.
- Obtain high resolution DEMS for the surrounding area.
- Obtain higher resolution aerial photo for surrounding area.