Derek Morris Jr.

Blog Post

July 22-26 I had attended The Practice & Experience in Advanced Research Computing (PEARC18) conference. This year for the PEARC 18 conference was in Pittsburgh, PA This conference give you a lot of new knowledge. This is my second year for the "The Practice & Experience in Advanced Research Computing" (PEARC18) conference. I felt that things change in a good way. I feel that it was gearing toward the students this year. It was more hands-on for everybody. We were able to physically code what they were coding. That gives us the muscle memory. I enjoyed working with my in the hackathon. My group had to Develop Web-based mapping functionality for SimCCS Gateway. Our task was to:

- Mapping functionality should include adding and editing layers of georeferenced data such as CO_2 sources (e.g., power plants), sinks (geologic reservoirs) and pipeline infrastructure networks onto a basemap.
- Ability to create selectable subsets of the layer data to enable the development of specific SimCCS problem scenarios by users.
- Demonstrate the capability for integrating new georeferenced data for potential SimCCS users across the US, China and Australia.

This was a challenging task but my group came together and brainstorms what we had to do and got done what we could.