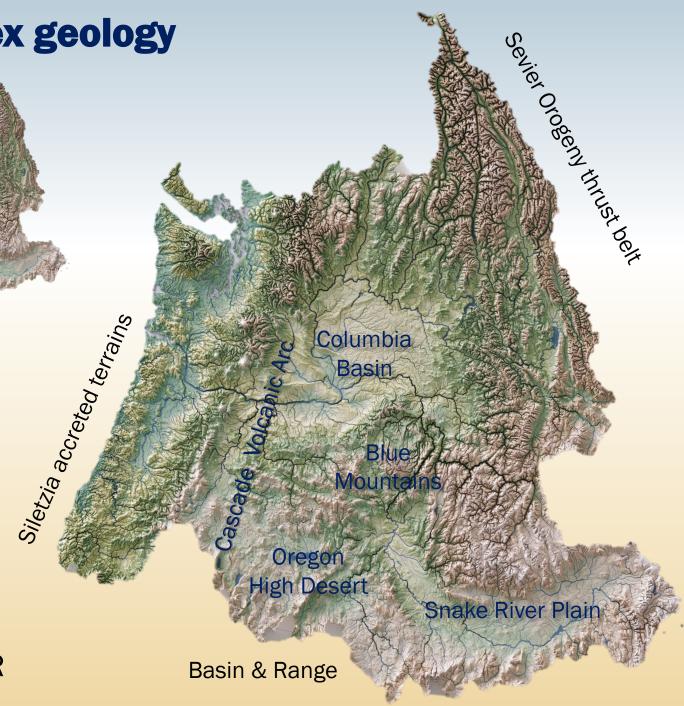


LEE FLOREA
PROGRAM MANAGER



Exceptionally complex geology

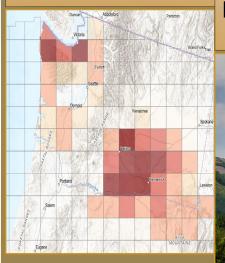
- Transition from passive to active continental margin
- Orogens create complex mountain belts
- Exotic terranes accrete to western margin
- Hotspot track generates flood basalts
- Subduction results in landward volcanic arc
- Clockwise rotation of crust around Euler pole in NE OR



Yellowstone hotspot

Carbon Sequestration

DOE - CUSP - NMT Lead

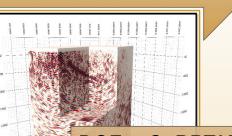


DOE - ARPA-E Miner - PNNL Lead

DOE – Ankeron DAC – RMI Lead



Breakthrough Energy



Presentations at:

- GSA Annual Meeting
- AAPG CCUS Conference
- WA Hydro Symposium
- GSA Cordilleran Section
- CUSP Annual Meeting

Hosted basalt session at:

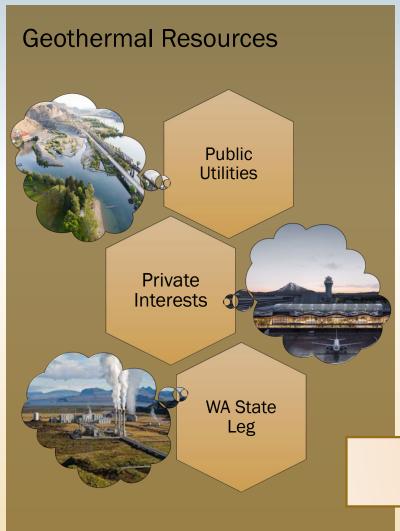
- GSA Cordilleran Section
 - 12 talks, 2 posters

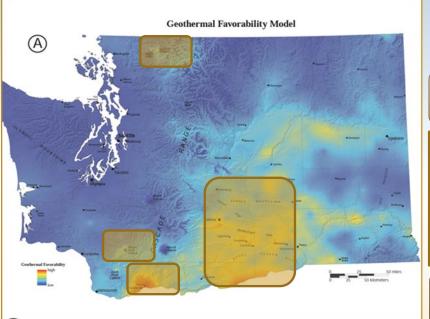
DOE - Carbon Solutions lead

WA-DOC - CCL lead









Geothermal database

Geobody/Geofluid models

ESSB 6039

Subsurface Data Management

- Develop subsurface database
- Gather data from other agencies
- Acquire new data
- Assess seismic risk

Geothermal Lease Rates

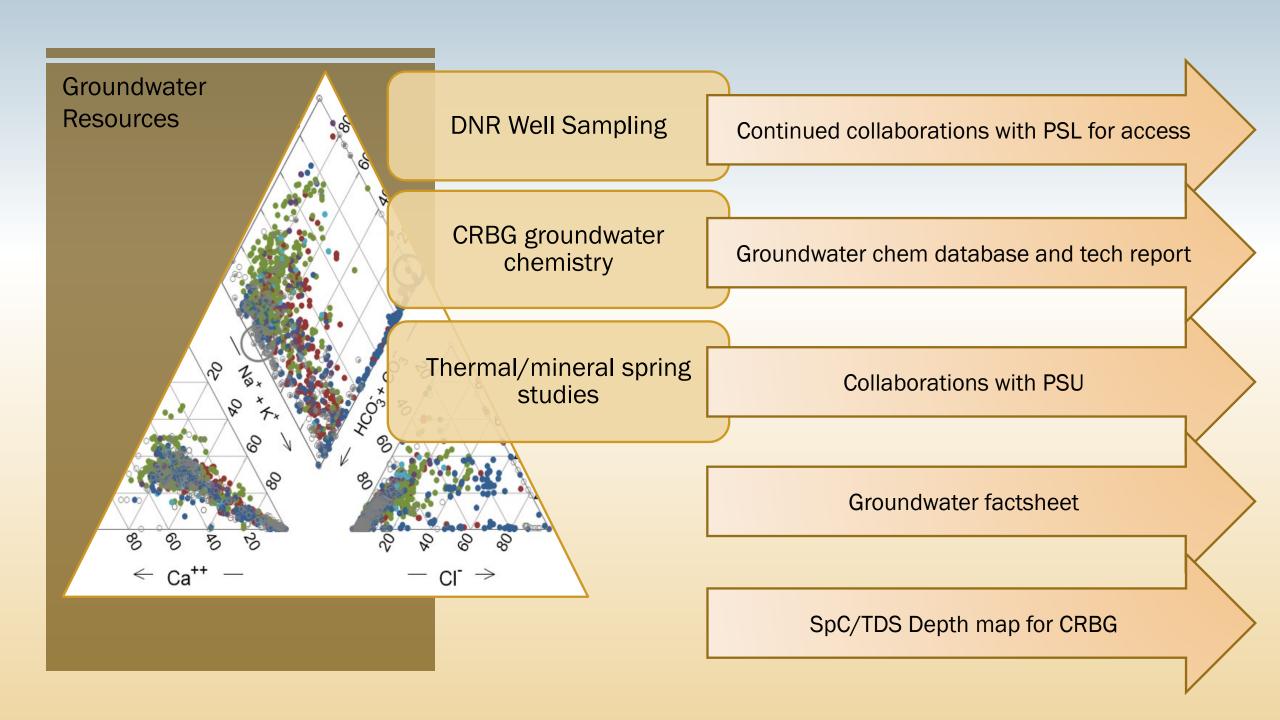
• Revise to be competitive

Cost Share Grant Program

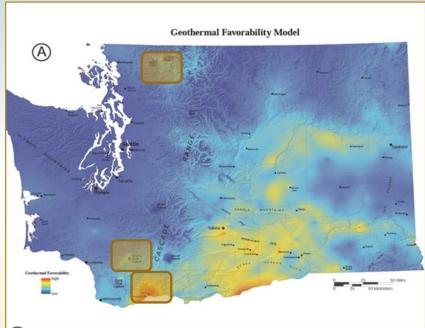
 WGS provides grant review & receives generated data

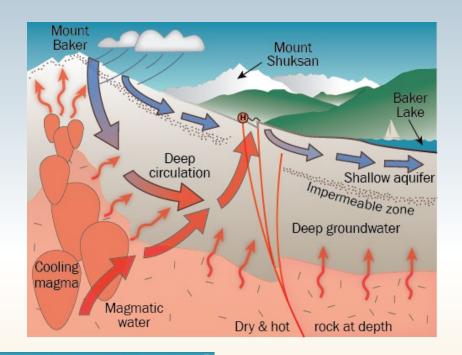
Pre-EIS study

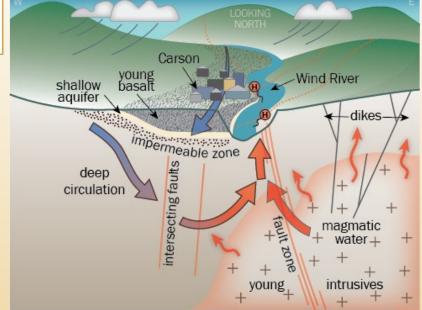
• ECY lead + WGS & COM

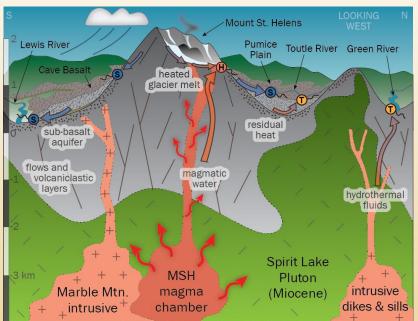


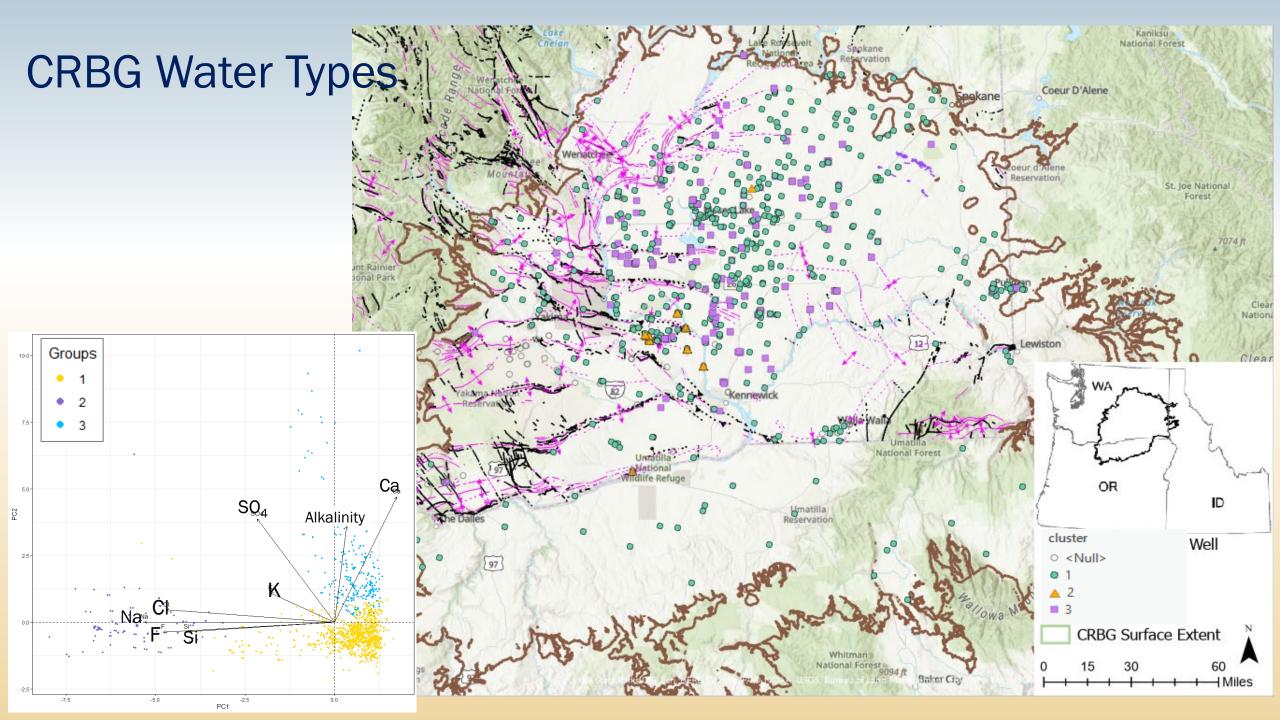
Geothermal Play areas











THANK YOU!

