



SMU | GEOTHERMAL
LABORATORY

Welcome to the SMU Geothermal Lab newsletter for April. In this newsletter we have three job openings along with information on an Atlas to help you navigate the National Geothermal Data System. Don't forget to [register](#) for our conference and follow us on Twitter [@SMUGeothermal](#).

POWER PLAYS

GEOTHERMAL ENERGY IN OIL AND GAS FIELDS

Conference & Workshop **May 18-20, 2015** **SMU Campus in Dallas, Texas**

This two-day conference brings together leaders from the geothermal, oil and gas communities along with experts in finance, law, technology, and government agencies to discuss generating electricity from oil and gas well fluids, using the flare gas for waste heat applications, and desalinization of the water for project development in Europe, China, Indonesia, Mexico and the US. Other relevant topics include seismicity, thermal maturation, and improved drilling operations.

- **Attendees.** Register now for the conference and workshop:
<http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference/2015Registration>.
- **Presentations.** The preliminary agenda is available ... additional names added:
<http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference/2015Presenters>.
- **Sponsorship.** There is still time to become a conference sponsor. Call Cathy Chickering Pace at 214-768-1510. More information:
<http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference/Sponsorship>.

SMU Geothermal Laboratory Notes

Cathy Chickering Pace of the SMU Geothermal Lab has an **article** in the most recent issue of Geothermal Energy News about using geothermal energy to desalinate water. Read more:

<http://www.renewableenergyworld.com/rea/news/article/2015/04/using-geothermal-solutions-to-desalinate-oil-field-water?cmpid=GeoNL-Thursday-April23-2015>.

Ben Phrampus, a graduate student in the SMU Geothermal Lab, will be taking part in a seismic survey of the Hikurangi Margin off the east coast of New Zealand in May and June. Good luck Ben!

Ramsey Kweik, a recent graduate of the SMU Geothermal Lab, presented at the North Texas Renewable Energy Group Meeting on April 11, 2015 in Dallas. More information: <http://www.ntreg.org/>.

Did you feel that? SMU Geothermal Lab's **Matt Hornbach** (faculty), **Casey Brokaw** (grad student) and our geophysics team are now in the press discussing their results in the article "Causal Factors for Seismicity near Azle, Texas" published in Nature. Read more: <http://www.smu.edu/News/2015/earthquakes-azle-report-21april2015>.

The SMU Dedman College - Geothermal Lab booth at Earth Day Texas was so much fun! Watching the eyes of children and adults light up while learning about rocks, earthquakes, and energy made the three day event very worthwhile. Plan on joining us next year at this event (<http://earthdaytx.org>). You don't have to be from Texas!

Congratulations

Congratulations to the five teams selected for funding negotiations for the **Frontier Observatory for Research in Geothermal Energy** (FORGE), a field laboratory for researching enhanced geothermal systems. More information: <http://energy.gov/eere/forge/about-forge>.

Job Openings

The DOE **National Renewable Energy Laboratory** (NREL) is searching for a new **Director**. More information: <https://www.nrel.gov/labdirectorsearch/position-description.html>.

The DOE Office of Energy Efficiency and Renewable Energy (EERE) is has a job opening for **Director, Geothermal Technologies Office**. Applications are due by **April 30, 2015**. More information: <https://www.usajobs.gov/GetJob/ViewDetails/399393200>.

Covey Park Energy, LLC is looking for a candidate to fill a **JIB accountant** position. Email jobs@coveypark.com for more information.

Geothermal News and Notes

Two recent **articles** have explored generating **geothermal energy from oil and gas wells**. The first article discusses an agreement between Britain's Geothermal Engineering Ltd and shale gas company Cuadrilla Resources. Read more: <http://www.reuters.com/article/2015/03/27/us-britain-shale-geothermal-idUSKBN0MN1KX20150327>.

The second article features **Will Gosnold** of the University of North Dakota who is part of the project turning Bakken oil well waste water into clean geothermal power. Read more: <http://www.bloomberg.com/news/articles/2015-04-22/turning-bakken-oil-well-waste-water-into-clean-geothermal-power>.

A **National Geothermal Data System (NGDS) Atlas** prepared by Rowena Davis and Michael Conway of the Arizona Geological Survey is now available. The atlas conveys the nature, quality and quantity of geothermal-related data available for all 50 U.S. states through the NGDS Catalog. The atlas is available at <http://usgin.org/sites/about.usgin.org/files/NGDS-Atlas-small.pdf>, and the data at <http://geothermaldata.org/>.

The American Council On Renewable Energy has launched a new site called **EnergyFactCheck** to provide information on the clean energy industry. Included are profiles for each state and industry. More information: <http://www.energyfactcheck.org/>.

ElectraTherm has changed the name of its waste heat to power generator from the Green Machine to the **Power+ Generator™**. Read more: <http://www.electratherm.com/electratherm-announces-new-name-for-waste-heat-to-power-generator-2/>.

Calendar

May 11-15, 2015 - Geothermal Technologies Office Peer Review, Westminster, Colorado. More information: <http://www.energy.gov/eere/geothermal/events/2015-gto-peer-review>.

May 18 – 20, 2015 - SMU Geothermal Lab *Power Plays: Geothermal Energy in Oil and Gas Fields*, SMU Campus, Dallas, Texas. [Registration](#) is open and we still have some spots available for [sponsors](#). More information: <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference>.

May 28-30, 2015 - IRENEC 2015 5th International 100% Renewable Energy Conference, Istanbul, Turkey. More information: <http://www.ire nec2015.com>.

June 3-4, 2015 - Geothermal Energy Association **National Geothermal Summit**, Reno, Nevada. More information: <http://geo-energy.org/nationalgeothermalsummit/Main.aspx>.

August 16, 2015 - 10th Annual Renewable Energy Fair at Chena Hot Springs Resort, Fairbanks, Alaska. More information: <http://www.chenahotsprings.com/upcoming-events/>.

September 20 - 23, 2015 - Geothermal Resources Council Meeting and Geothermal Energy Association Expo, Reno, Nevada. More information: <http://www.geothermal.org/meet-new.html>.