



Welcome to the SMU Geothermal Lab newsletter for June. In this newsletter several congratulations, information on National Geothermal Day on October 20, 2015, and some upcoming events. If you are in Dallas this summer, stop by the lab and see us – we'll be here.

SMU Geothermal Laboratory Notes

Thanks you to everyone who attended our recent workshop and conference **Power Plays: Geothermal Energy in Oil and Gas Fields**. It was great to meet so many new people in the geothermal community, and to catch up with familiar faces. Thank you to our Gold Sponsor – Anadarko Petroleum Corp.; Silver Sponsors – Chena Hot Springs, Earth Day Texas, Inner Geo, SMU Cox Maguire Energy Institute, and the Society of Petroleum Engineers; and Bronze Sponsors – Blade Energy Partners, SMU Cox Executive Education, and STW Water Process & Technologies. Go online to see a full list of all 30 sponsors and a list of presenters at <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference/>.

Roy M. Huffington Department of Earth Sciences' Faculty Member **Matt Hornbach** received the **Dallas Geological Society Public Service Award** for 2015. Matt has served as the DGS 1st Vice President. He received the award for his new research combining geological and geophysical data to help better understand the local earthquakes in the Dallas – Fort Worth area. To learn more about this research go to: <http://www.smu.edu/News/2015/earthquakes-azle-report-21april2015>.

You can follow us on Twitter [@SMUGeothermal](https://twitter.com/SMUGeothermal).

Congratulations

Congratulations to **University of Houston** students Amin Kiaghadi, Rose Sobel, Shanisha Smith and Varun Sreenivas for **winning** the **Texas Energy Innovation Challenge** with their plan to harness geothermal energy to treat water produced during hydraulic fracturing. More information: <http://www.uh.edu/news-events/stories/2015/May/0504GeothermalWastewater>.

Congratulations to **Mark Sanders** on becoming **TREIA's** new **Executive Director**. More information: <http://www.treia.org/news-archives>.

Congratulations to **Perma Works** on developing their **300°C, 32Bit microprocessor** for use in geothermal wells. For more information, contact Randy Normann at Randy@PermaWorks.com.

Congratulations to all the **Honors Award recipients** at the recent Geothermal Energy Association's National Geothermal Summit. See the recipients at http://www.geo-energy.org/pressReleases/2015/June_2015_Honors_Awards.aspx.

Geothermal News and Notes

Dr. John Kendall Costain passed away on Tuesday, March 24, 2015. He was a leader in the Heat Flow community. John worked with Dave Blackwell and Maria Richards on the Geothermal Map of North

America from the 1980s through last year continuing to improve our understanding of heat flow in the Southeastern United States. Read more at http://geothermalresourcescouncil.blogspot.com/2015/03/usa_27.html.

National Energy Technology Laboratory, DOE is hosting a second workshop on the emerging geothermal field of **Deep Direct Use** to be held August 17, 2015 in Pittsburgh, Pennsylvania. The purpose of this workshop is to ask for your input regarding the potential for geothermal direct use applications in the Eastern United States. While the entire Eastern U.S. will be discussed, the Appalachian Basin including NY, WV, and PA will feature prominently. Registration is due **July 26** to attend (\$48 fee). More details: <http://energy.gov/eere/geothermal/events/workshop-direct-use-technology-marketplace>.

NREL is accepting applications for the **Industry Growth Forum** to be held November 3-4, 2015 in Denver Colorado. Applications are due **July 17**. More information: <http://www.industrygrowthforum.org/>.

The June issue of **The Leading Edge** features a special edition on **induced seismicity**. Articles focus on the related research discussing the current concerns to the oil and gas industry. More information: <http://library.seg.org/toc/leedff/current>.

Geothermal Heat Pump News and Notes

Bosch Thermotechnology has launched a geothermal awareness campaign which will culminate in **National Geothermal Day** on **October 20, 2015**. They will have educational activities and events focused on geothermal heating and cooling. More information: <http://www.geothermalday.com/>.

Other Event Details

Join the **Heat is Power Association** and The **Pew Charitable Trusts** for a **webinar** titled Waste Heat to Power Market Assessment: Opportunities, Technologies and Barriers on Wednesday, **June 24, 2015, 2:00-3:00 p.m. EDT**. Read the **report** to be discussed in the webinar at

<http://info.ornl.gov/sites/publications/Files/Pub52953.pdf>. Sign up at https://www.cvent.com/events/webinar-waste-heat-to-power-market-assessment/registration-3512372f72b94dabbc826814c72d43e2.aspx?utm_source=All%20Contacts&utm_campaign=934feb4f9a-Waste%20Heat%20to%20Power%20Market%20Assessment%20Webinar&utm_medium=email&utm_term=0_557cb131aa-934feb4f9a-202179093.

The **Fort Worth Central Library** is hosting a **photo exhibit** titled **Mexico's Oil Industry: Past and Present** curated by Marco Bracamontes. The opening reception is on Tuesday **June 30, 2015** from 6-8 pm, in Fort Worth, Texas. More information: <http://marcobracamontes.com/>.

Save the Date for **TREIA's** Conference **Utility Market Evolution – Advancing Renewables on the Grid** to be held **November 11-13, 2015** in Houston, Texas. More information: <http://www.treia.org/conference/>. Let [Maria Richards](#) know if you'd like to be a presenter.

Calendar

June 24, 2015, 2:00-3:00 p.m. EDT – Waste Heat to Power Market Assessment **webinar**. Sign up [here](#).

June 30, 2015 – Opening reception for photo exhibit **Mexico's Oil Industry: Past and Present**, Fort Worth, Texas. More information: <http://marcobracamontes.com/>.

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

August 17, 2015 - Geothermal Direct Use Technology in the Marketplace in Pittsburgh, PA. More details: <http://energy.gov/eere/geothermal/events/workshop-direct-use-technology-marketplace>.

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

October 20, 2015 - National Geothermal Day. More information: <http://www.geothermalday.com/>.

November 3-4, 2015 - NREL Industry Growth Forum, Denver, Colorado. More information: <http://www.industrygrowthforum.org/>.

November 11-13, 2015 – Utility Market Evolution – Advancing Renewables on the Grid, Houston, Texas. More information on the TREIA website: <http://www.treia.org/conference/>.