



Welcome to the SMU Geothermal Lab newsletter for February. In this newsletter we have a funding opportunity, two job openings, Congratulations, a new online GSHP training course, and a February 15 – 16 SedHeat Workshop suggestion.

SMU Geothermal Lab News and Notes

Thank you to all who participated in the [2018 Power Plays Conference](#), Coal and Geothermal Workshop, and Thermal Well Design Workshop. We had a great turnout and enjoyed seeing colleagues and collaborators, and meeting new researchers. Attendees from Canada, China, Sweden, Republic of Korea, India, Indonesia, Germany and Qatar made the trip over to join us – we appreciate your willingness to travel! For those not able to attend, let us know if you are interested in the presentations.

Thanks again to our conference sponsors!

[Deep River Group](#),
[C-FER Technologies](#), [SedHeat at TCU Energy Institute](#),
[Carr Resources, Inc.](#), [Climeon AB](#), [Jereh Oil & Gas Engineering Corporation](#),
[Blade Energy Partners](#) and [ThinkGeoEnergy](#).

Thanks also to all the organizations that supported our conference and helped to get the word out:

American Energy Society
Cowtown Energy Group
Dallas Geophysical Society
Fort Worth Geological Society
Geophysical Society of Houston
Geothermal Resources Council
The Heat is Power Association
Shreveport Geological Society
TREIA

Canadian Geothermal Energy Association
Dallas Geological Society
East Texas Geological Society
Four Corners Geological Society
Geothermal Energy Association
HARC
Petroleum Technology Transfer Council
Texas Independent Producers & Royalty Owners Association
West Texas Geological Society.

Our Geothermal Lab continues to collect new data! Maria Richards, Matt Hornbach and graduate student Vashan Wright are heading to Jamaica this month to measure heat flow and tsunami recurrence intervals as part of Vashan's research. If you have suggestions for additional funding, this project can be the starting point of a geothermal resource study for the island.

Funding Opportunity

The **U.S. Department of Energy** has announced up to **\$100 million** in funding for new projects as part of the Advanced Research Projects Agency-Energy's (ARPA E) latest funding opportunity DE-FOA-0001858: OPEN 2018. Geothermal is included as follows: **Category 5: Power Generation: Renewable:**

Subcategory C: Geothermal heat technologies including pumps, proppants, induced seismicity, enhanced geothermal systems (EGS), drilling, resource identification (sensors, models, tracers), zonal isolation techniques, robust equipment, low temperature generation, etc. Concept papers are **due February 12, 2018** at 5:00 p.m. E.T. More information: <https://arpa-e.energy.gov/?q=open-program/open-2018>.

Job Openings

The **Great Basin Center for Geothermal Energy** has a position open for a **post-doctoral scholar**. The project will involve capacity-building activities in several foreign countries and the USA, including delivering workshops and presentations, meeting foreign government stakeholders, peer to peer exchanges, provision of technical advice, and conducting geothermal resource assessments in country. More information: https://nshe.wd1.myworkdayjobs.com/UNR-external/job/University-of-Nevada-Reno---Main-Campus/Postdoctoral-Scholar_R0106967-1.

The **Geothermal Resources Council** has a job opening for the position of **Executive Director**. They are seeking an experienced, confident, team-oriented leader with knowledge of geothermal or other energy or extraction industries. Applications are due **February 9, 2018**. More information: <https://geothermal.org/employment.html>.

Congratulations

Congratulations to our Newsletter members - Tom Telegades and Peter Fazio as they complete the launching of their first geothermal installation of the PwrCor, Inc. equipment at the Surprise Valley Hot Springs Resort in Modoc County, CA. The equipment will be run on approximately 190°F water to produce electricity for the resort.

Geothermal News and Notes

The **Geothermal Resources Council** has issued a "**Call for Sessions**" for their 2018 Annual Meeting, October 14-17, 2018 in Reno, Nevada. Sessions can be organized and led by up to three people. Submit a Session Title and Description to Anh Lay at alay@geothermal.org by **February 18, 2018**. More information: https://www.geothermal.org/Annual_Meeting/call_for_papers.html.

The **Geothermal Technologies Office** has begun a series of **Quarterly Updates** to provide the geothermal community with project updates, drilling RFI information and GeoVision progress. Slides

from the first update are available at <https://energy.gov/eere/geothermal/downloads/gto-quarterly-update-q1-2018>. The next update will be in April 2018.

The **Geothermal Technologies Office** has released its **2017 Annual Report** with updates on Enhanced Geothermal Systems (EGS), Hydrothermal, Low Temperature & Coproduced Resources, and Systems Analysis. More information: <https://energy.gov/sites/prod/files/2018/01/f47/GTO%202017%20Annual%20Report.pdf> or click the link in the Key Publications section of <https://energy.gov/eere/geothermal/geothermal-energy-us-department-energy>.

Ten teams of two **students** are invited to enter the **SEG Gulf Coast Challenge Bowl**. The winning team will be awarded an expenses-paid trip to the SEG International Exposition & 88th Annual Meeting, October 14-19, 2018 In Anaheim, California. The Gulf Coast Challenge Bowl will take place during lunch in conjunction with the 2018 GSH-SEG Spring Symposium & Exhibition, **April 4-5, 2018** in Houston, Texas. For more information, email Maitri Erwin, Geophysical Society of Houston, at maitri.erwin@gmail.com.

ZMetropolis, a geothermal developer, is seeking **geothermal energy plants to develop**. The preferred locations are Colorado, New Mexico and Oregon and preferred size is 10-40 MW. For more information, email: zeeba@zmetropolis.com.

The journal - **Geofluids** is currently accepting submissions for their upcoming Special Issue titled "**Geothermal Systems: Interdisciplinary Approaches for an Effective Exploration**," which will be published in October 2018. The deadline for submission is **May 25, 2018**. More information: <https://www.hindawi.com/journals/geofluids/si/986915/cfp/>.

Geothermal Heat Pump News and Notes

IGSHPA is now offering Accredited Installer Workshops **online**. More information: <https://igshpa.org/accredited-installer>.

Other Event Details

Look for updates from RPSEA President Tom Williams who presented on **RPSEA's Oil & Gas Technology R&D Roadmap** at the SPE-GCS Research & Development Study Group, **February 1, 2018** in Houston, Texas. More information: <https://www.spegcs.org/events/3876/>.

Resources for Future Generations (RFG2018) has issued a **Call for Abstracts** for their conference, June 16-21, 2018 in Vancouver, Canada. Geothermal energy is included in sessions EN10, EN11, EN12 and EN8. Abstracts are **due February 12, 2018**. More information: <http://rfg2018.org>.

University of North Dakota, Grand Forks and **RESPEC** are hosting a workshop to problem solve geothermal and oil and gas projects in the Williston Basin. The **2018 Williston Basin Geothermal Considerations Incubator** is part of the NSF TCU Energy Institute SedHeat workshop series. Contact matthew.minnick@respec.com for details and to attend.

Calendar

February 12-14, 2018 - Stanford Geothermal Workshop, Stanford, California. More information: <https://pangea.stanford.edu/researchgroups/geothermal/stanford-geothermal-workshop>.

February 15-16, 2018 – Williston Basin Geothermal Considerations Incubator hosted by UND and RESPEC, Grand Forks, ND. Contact matthew.minnick@respec.com for details.

March 27-28, 2018 – IGSHPA Conference and Expo "Better Together", Orlando, Florida, March 27-28, 2018. More information: <https://igshpa.org/conference>.

May 20-23, 2018 - AAPG ACE Salt Lake City, Utah. More information: <http://ace.aapg.org/2018/>.

June 16-21, 2018 - Resources for Future Generations (RFG2018), Vancouver, Canada. More information: <http://www.rfg2018.org/>.

June 24-27, 2018 - 52nd U.S. Rock Mechanics/Geomechanics Symposium, Seattle, Washington. More information: <http://armasyposium.org/>.

September 4-7, 2018 - GEOHEAT 2018, Petropavlovsk-Kamchatsky, Russian Federation. More information, email geoheat2018@yandex.ru.

Suggestions for an upcoming newsletter? Email geothermal@smu.edu