



Welcome to the SMU Geothermal Lab newsletter for March. In this newsletter we have an update on federal tax credits for geothermal heat pumps, an opportunity to contribute to geothermal production from oil and gas fields at the GRC Annual meeting, and information on a webinar on geothermal turbine control.

### SMU Geothermal Lab News and Notes

Maria Richards, Cathy Chickering Pace, Joe Batir and Shar Fields had very informative visits to the Brazos natural gas plant in Weatherford, Texas and Eastman Chemical natural gas plant in Longview with the team from NREL and TAS. Eastman's plant is the site of our Deep-Direct Use research project looking at ways to use geothermal fluids to make chilled water at night for inlet cooling in the afternoons.

### Geothermal News and Notes

Jeff Birkby has published a book titled **Montana's Hot Springs** which provides a history of the old resorts in Montana. More information: <https://www.arcadiapublishing.com/Products/9781467127691> and <https://tinyurl.com/MTHotSpringsbook>.

### Geothermal Heat Pump News and Notes

On February 9, 2018 Congress approved a Continuing Resolution which extended **federal tax credits** for residential and commercial installations of **Geothermal Heat Pumps**. The reinstated GHP tax credits are retroactive to Jan. 1, 2017, and extended to Jan. 1, 2022. More information: <https://www.geoexchange.org/victory-geothermal-heat-pump-industry/>.

### Other Event Details

Rexa, Inc. is presenting a **Geothermal Turbine Control Webinar** Thursday **March 22nd, 2018** 1:00 PM - 2:00 PM CDT. More information: <http://www.rexa.com/news/Webinar-Schedule.cfm>.

**Registration is open** for the 7th Annual **Conference for the Development and Utilization of Deep Geothermal Energy**, March 27-28, 2018, in Beijing, China. More information: <https://geothermal.org/PDFs/CUGB-Call-for-Papers-2018.pdf> or Prof. Kewen Li at [geopowerchina@163.com](mailto:geopowerchina@163.com).

The Geothermal Resources Council Annual Meeting October 14-17, 2018 in Reno, Nevada will have a session titled **Geothermal Production from Oil and Gas Fields**. Abstracts for this and the other sessions are **due March 30, 2018**. More information: <https://www.geothermal.org/meet-new.html>.

**Registration is open** for the **East Texas Geological Society 2018 Tech & Prospect Expo, March 27, 2018** in Tyler, Texas. More information: <http://www.easttexasgeo.com/calendar/2018/etgs-expo>.

AAPG **Field Trip ACE FT 10 The Changing Power Generation Scene in Utah**, will be held **May 24-25, 2018** from Salt Lake City, Utah. The trip includes visits to a natural gas plant, a state-of-art binary geothermal plant, a traditional geothermal power plant, a windfarm, a solar PV array and a salt dome energy storage facility. More information: <http://ace.aapg.org/2018/technical-program/field-trips/field-trip/articleid/44582>.

**Save the Date** for TREIA's 2018 **GridNEXT** conference, **October 21-23, 2018** in Georgetown, Texas. More information: <http://www.treia.org/gridnext/>.

## Calendar

**March 22, 2018 - Geothermal Turbine Control Webinar** 1:00 PM - 2:00 PM CDT. More information: <http://www.rexa.com/news/Webinar-Schedule.cfm>.

**March 22 – World Water Day** – join an event in your community. <http://worldwaterday.org/events-map/>

**March 26-28, 2018 - 7th Annual Conference for the Development and Utilization of Deep Geothermal Energy**, Beijing, China. More information: <https://geothermal.org/PDFs/CUGB-Call-for-Papers-2018.pdf>.

**March 27, 2018 - East Texas Geological Society 2018 Tech & Prospect Expo**, Tyler, Texas. More information: <http://www.easttexasgeo.com/calendar/2018/etgs-expo>.

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

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

**May 24-25, 2018 - ACE Field Trip 10 The Changing Power Generation Scene in Utah**, Salt Lake City, Utah. More information: <http://ace.aapg.org/2018/technical-program/field-trips/field-trip/articleid/44582>.

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

**June 24-27, 2018 - 52<sup>nd</sup> 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](mailto:geoheat2018@yandex.ru).

**October 14-17, 2018 - GRC Annual Meeting**, Reno, Nevada. More information: <https://www.geothermal.org/meet-new.html>.

**October 21-23, 2018 - TREIA's 2018 GridNEXT conference**, Georgetown, Texas. More information: <http://www.treia.org/gridnext/>.

Suggestions for an upcoming newsletter? Email [geothermal@smu.edu](mailto:geothermal@smu.edu)  
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