



Welcome to the SMU Geothermal Lab newsletter. This month's news includes congratulations, funding opportunities, High-Temperature+ Corrosion workshop and the chance to explain "What is Energy."

### SMU Geothermal Laboratory Notes

**Maria Richards** is presenting a **Keynote** at the 38<sup>th</sup> **New Zealand Geothermal Workshop**, November 23<sup>rd</sup> -25<sup>th</sup> in Auckland, New Zealand. Be sure to say hello if you are there too.

Check out the new items (treasures) on our **website**:

- Photographs and a narrative about our **2016 Heat Flow Field Studies Class** are at <http://www.smu.edu/-/media/Site/Dedman/Academics/Programs/Geothermal-Lab/Documents/2016SMUGeothermalFieldStudies.ashx>.
- Updates to our **Waster Heat to Power** page at <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/LabResearch/OilandGas/WasteHeatPower>.
- **Resumes** from **students** looking for an internship or Postdoc at <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference/Resumes>.

### Fundraising Campaign

Our **fundraising campaign** is off to a great start – **thank you** to those who have already contributed! Tax-deductible donations are gratefully accepted at <https://sites.smu.edu/apps/giving/Geothermal.asp>. Don't forget to check with your company to see if they will match your donation.

### Congratulations

*Congratulations* to **Susan Hamm** on being named **Director of the Geothermal Technologies Office**. More information: <http://energy.gov/eere/contributors/susan-hamm>.

*Congratulations* to **Roshan Revankar** on being named **acting Executive Director for IGSHPA**. More information: <http://www.igshpa.okstate.edu/about/staff.asp>.

*Congratulations* to **Chinomso Madubi** of the University of Texas at Dallas (our neighbor) for **winning** the GRC **student poster** competition at the Annual Meeting in Sacramento in October. For all the GRC Annual Meeting - GEA Award winners see <https://geothermal.org/awards.html> & [http://geo-energy.org/pressReleases/2016/GEA\\_Honors\\_2016.aspx](http://geo-energy.org/pressReleases/2016/GEA_Honors_2016.aspx).

### Opportunities for Funding

The **Department of Energy** has issued a Funding Opportunity Announcement "**Geothermal Deep Direct-Use Feasibility Studies**," DE-FOA-0001601. Up to \$4 million is available to conduct feasibility studies of large-scale, low-temperature deep-well geothermal systems. These systems are referred to as Deep

Direct-Use or DDU. Applications due December 15, 2016 at 5 pm ET. More information: <https://eere-exchange.energy.gov/Default.aspx>.

IRENA and the Abu Dhabi Fund for Development (ADFD) have opened the 5<sup>th</sup> annual funding cycle for the **IRENA/ADFD Project Facility** with ~**USD 50 million** available for **loans to renewable energy projects in developing countries**. Proposals are due February 15, 2017 at 17:00 Abu Dhabi time. More information: <http://adfd.irena.org/>.

### Geothermal News and Notes

The **Geothermal Energy Association** has released a report titled “**2016 Geothermal Power: International Update**”. More information: <http://geo-energy.org/reports/2016/2016%20International%20Development%20Interim%20Report.pdf>.

The **Southwest Combined Heat and Power Technical Assistance Partnerships** is hosting **webinars** discussing **CHP in breweries** on November 17<sup>th</sup> at 2 pm CST and in **hospitals** on December 7<sup>th</sup> at 12 pm CST. More information: <http://www.southwestchptap.org/>.

Are you a good **science communicator**? The Alan Alda Center for Communicating Science at Stony Brook University has announced the Flame Challenge 2017 question – **What is Energy?** Explain energy in a visual or written format that can be clearly understood by an 11-year old. More information: <http://www.aldakavillearningcenter.org/practice/flame-challenge>.

### Geothermal Heat Pump News and Notes

The **Geothermal Exchange Organization (GEO)** is working towards the passage of **H. R. 5167**, legislation that will extend the residential and commercial **tax credits for geothermal heat pumps**. Materials for grassroots advocacy are available at <https://www.geoexchange.org/hr-5167-grassroots-advocacy-materials/>.

### Other Event Details

**Save the Date** for the **SPE/GRC Workshop High-Temperature and Corrosion in Drilling and Production: Exploring Geothermal and Oil and Gas Synergies, March 21-22, 2017** in San Diego, California. More information: <http://www.spe.org/events/en/2017/workshop/17jsnd/about.html>.

### Calendar

**November 23-25, 2016 - 38<sup>th</sup> New Zealand Geothermal Workshop**, Auckland, New Zealand. More information: <http://www.geothermalworkshop.co.nz/>. Maria is presenting on Wednesday November 23<sup>rd</sup>.

**December 6-8, 2016 - Groundwater Week**, Las Vegas, Nevada. More information: <http://groundwaterweek.com/>.

**December 13-15, 2016 – Power-Gen – Renewable Energy World International**, Orlando, Florida. More information: <http://www.rewintl.com/index.html>. Maria presents on Wednesday December 14<sup>th</sup> in the Distributed Energy Resources session, 1:30 – 3:30 pm.

**December 19-21, 2016 - Clean Air Through Energy Efficiency (CATEE) Conference, San Antonio, Texas.**  
More information: <http://catee.tamu.edu/home>.

**February 13-14, 2017 - Stanford Geothermal Workshop, Stanford, California.** More information:  
<https://pangea.stanford.edu/researchgroups/geothermal/stanford-geothermal-workshop>.

**March 21-22, 2017 - SPE/GRC Workshop: High-Temperature and Corrosion in Drilling and Production:**  
Exploring Geothermal and Oil and Gas Synergies, San Diego, California. More information:  
<http://www.spe.org/events/en/2017/workshop/17jsnd/about.html>.

**April 5-7, 2017 - EMR2017** in Lisbon, Portugal. More information: <http://emr2017.org/>.

**April 13-14, 2017 - NREL Industry Growth Forum, Denver, Colorado.** More information:  
<http://www.nrelforum.com/Home>.