

16. Further Information, Contacts, and Publications on Geothermal Energy

Montana Contacts

Montana Geothermal Program

Montana Department of Environmental Quality
1100 North Last Chance Gulch
P.O. Box 200901
Helena, MT 59620-0901
<http://deq.mt.gov/Energy/geothermal/default.mcp>

Groundwater Information Center

Montana Bureau of Mines and Geology
Montana Tech of the University of Montana
1300 West Park Street - Natural Resources Building, Room 329
Butte, MT 59701-8997
Phone: (406) 496-4336 Fax: (406) 496-4343
<http://mbmgwic.mtech.edu/sqlserver/v11/menus/menuProject.asp?mygroup=GEOOTHERM&>

Montana Department of Natural Resources

Billings Oil & Gas Conservation Division
2535 St. Johns Avenue
Billings, MT 59102
Phone: (406) 656-0040 Fax: (406) 656-0040
<http://dnrc.mt.gov/FieldOperations/OilGas/billings.asp>

Other Contacts

Oregon Institute of Technology's **Geo-Heat Center** is perhaps the most useful and complete site for direct-use and small-scale development of geothermal energy. The Geo-Heat Center is an excellent source of technical information on project designs for low and moderate temperature resources. The Center's website includes an interactive direct-use map, information on co-located resources, and a database on geothermal wells and springs for the western states. The center also has downloadable technical papers and bulletin articles on many geothermal applications. <http://geoheat.oit.edu>

The **Geothermal Energy Association** has extensive information and literature for existing and planned power plants. The association's website includes power plant locations, capacities, cost structures and contact information. The organization also hosts an annual Geothermal Energy trade show that runs in conjunction with the Geothermal Resources Council Annual Meeting. www.geo-energy.org

The **Geothermal Resources Council** has a searchable library of articles from a variety of publications on all aspects of geothermal development worldwide. The GRC also sponsors one of the major geothermal energy conferences every year, attracting more than 2,000 attendees from around the world. www.geothermal.org

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The **National Renewable Energy Laboratory's Geothermal Technologies Program** offers in-depth reports on the status and future of geothermal electric power generation as well as a description of geothermal energy program highlights. *The U.S. Geothermal Industry: Three Decades of Growth* provides an excellent historical perspective on geothermal energy. This website also has an extensive database of more than 600 pictures of geothermal images. <http://www.nrel.gov/geothermal/>

Other Relevant Websites:

Southern Methodist University Geothermal Laboratory
www.smu.edu/geothermal

U.S. DOE Geothermal Technologies Program
www.eere.energy.gov/geothermal

Great Basin Center for Geothermal Energy
www.unr.edu/geothermal/links.html

University of North Dakota Geothermal Laboratory
www.geology.und.edu/

Idaho National Engineering and Environmental Laboratory (INEEL)
<http://geothermal.inel.gov>

Sandia National Laboratories Geothermal Research Department
www.sandia.gov/geothermal

International Ground Source Heat Pump Association
www.igshpa.okstate.edu

GeoExchange, Geothermal Heat Pump Consortium
www.geoexchange.org

Publications

Geothermal Direct-Use Engineering and Design Guidebook

The Third Edition of this publication provides technical information on low- and moderate-temperature (100 - 300° F) geothermal applications and equipment. Chapters cover exploration, well drilling, space heating and cooling, greenhouse heating, aquaculture, industrial processes, economics, regulations and environmental aspects.

<https://www.oit.edu/Storefront/geoheat/ItemDetails.aspx?ItemID=12>

Geothermal Greenhouse Information Package

Tonya Boyd

Geo-Heat Center

Oregon Institute of Technology

Klamath Falls, OR

<http://geoheat.oit.edu/pdf/green.pdf>

16. Useful Information, Contacts, and Publications on Geothermal Energy – *continued*

Publications – continued

Aquaculture Information Package

Tonya Boyd and Kevin Rafferty

Geo-Heat Center

Oregon Institute of Technology

Klamath Falls, OR

<http://geoheat.oit.edu/pdf/aqua.pdf>

Geothermal Small Business Workbook

Liz Battocletti

Bob Lawrence & Associates, Inc.

May 2003

<http://www.geothermal-biz.com/GSBW.pdf>

An Introduction to Geothermal Permitting

Liz Battocletti

Bob Lawrence and Associates, Inc.

November 2005

http://www.geothermal-biz.com/Docs/Intro_to_geo_permitting.pdf

Lava Law: Legal Issues in Geothermal Energy Development

Stoel Rives LLP

February 2009

<http://www.stoel.com/showarticle.aspx?Show=2279>



The outdoor plunge at Corwin Hot Springs, about ten miles north of Yellowstone National Park, circa 1940.

Photo — Author's personal collection