

# Geo-Heat Center Publications for California

## Geothermal Direct-Use Engineering and Design Guidebook

### Technical Papers on California

An Overview of US Geothermal District Heating Systems

<http://geoheat.oit.edu/pdf/tp46.pdf>

A Materials and Equipment Review of Selected US Geothermal District Heating Systems

<http://geoheat.oit.edu/pdf/he4.pdf>

Case Histories of Vale, Oregon and Susanville California

<http://geoheat.oit.edu/pdf/tp4.pdf>

### Bulletin Articles on California

Calpine Geothermal visitor Center, Middletown, California (September 2005)

<http://geoheat.oit.edu/bulletin/bull26-3/art2.pdf>

Examples of Industrial Uses of Geothermal Energy in the United States (September 2003)

<http://geoheat.oit.edu/bulletin/bull24-3/art1.pdf>

California Correctional Center, Susanville, California (June 2003)

<http://geoheat.oit.edu/bulletin/bull24-2/art1.pdf>

The Geothermal Map of California (March 2003)

<http://geoheat.oit.edu/bulletin/bull24-1/art1.pdf>

Adventures in the Life of a Small Geothermal District Heating Project or “The Little Project that Could” (September 2002)

<http://geoheat.oit.edu/bulletin/bull23-3/art1.pdf>

Geothermal Heating at the California Correctional Center, Susanville, California (June 2002)

<http://geoheat.oit.edu/bulletin/bull23-2/art4.pdf>

Drilling Geothermal Well ISO (March 2001)

<http://geoheat.oit.edu/bulletin/bull22-1/art6.pdf>

First GEA/GRC Geothermal Excellence Award (December 2000)

<http://geoheat.oit.edu/bulletin/bull21-4/art1.pdf>

Balneological Use of Thermal Water in the USA (September 2000)

<http://geoheat.oit.edu/bulletin/bull21-3/art10.pdf>

Mining Economic Benefits from Geothermal Brine (June 2000)

<http://geoheat.oit.edu/bulletin/bull21-2/art1.pdf>

Small Geothermal Power Project Examples (June 1999)

<http://geoheat.oit.edu/bulletin/bull20-2/art2.pdf>

Love Three Hot springs Out of the Thousands - Hot Creek, Fields and Ash (March 1999)

<http://geoheat.oit.edu/bulletin/bull20-1/art5.pdf>

Aquaculture in the Imperial Valley - A Geothermal Success Story (March 1999)

<http://geoheat.oit.edu/bulletin/bull20-1/art1.pdf>

The Geysers Pipeline Project (January 1997)

<http://geoheat.oit.edu/bulletin/bull18-1/art5.pdf>

Geothermal Greenhouse Development Update (January 1997)

<http://geoheat.oit.edu/bulletin/bull18-1/art2.pdf>

Collocated Resources (October 1995)

<http://geoheat.oit.edu/bulletin/bull16-4/art3.pdf>

Geothermal Resource Development in Alturas, Modoc County, Northeastern California (January 1995)

<http://geoheat.oit.edu/pdf/bulletin/bi078.pdf>

Low-Temperature Geothermal Resources Assessment - Preliminary Results (March 1994)

<http://geoheat.oit.edu/pdf/bulletin/bi057.pdf>

Alturas - The Development of a Blind Resource (August 1993)

<http://geoheat.oit.edu/pdf/bulletin/bi043.pdf>

The Miracle Waters (March 1993)

<http://geoheat.oit.edu/pdf/bulletin/bi041.pdf>

Significant Events in the Development of Geothermal Direct Use in the United States (December 1992)

<http://geoheat.oit.edu/pdf/bulletin/bi033.pdf>

Geysers Reservoir Performance (August 1991)

<http://geoheat.oit.edu/pdf/bulletin/bi022.pdf>

Geothermal Aquaculture Development (April 1991)

<http://geoheat.oit.edu/pdf/bulletin/bi018.pdf>

Geothermal Greenhouse Development (Spring 1990)

<http://geoheat.oit.edu/pdf/bulletin/bi006.pdf>

Greenhouse Heating with Low-Temperature Geothermal Resources in Lake County, California (Spring 1990)

<http://geoheat.oit.edu/pdf/bulletin/bi005.pdf>

Geothermal District Heating in San Bernardino (Winter 1990)

<http://geoheat.oit.edu/pdf/bulletin/bi002.pdf>

## **General Papers**

Aquaculture Information Package

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

Geothermal Greenhouse Information Package

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

Direct Heat Utilization of Geothermal Resources

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

Pavement Snow Melting

<http://geoheat.oit.edu/pdf/tp108.pdf>

Valuation of Geothermal Wells on Real Property

<http://geoheat.oit.edu/pdf/tp111.pdf>

Balneological Use of Thermal Waters

<http://geoheat.oit.edu/pdf/tp109.pdf>

Small Geothermal Systems: A Guide for the Do-It-Yourselfer

<http://geoheat.oit.edu/pdf/tp105.pdf>

Geothermal Power Generation - A Primer on Low-Temperature, Small-Scale Applications

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

An Information Survival Kit for the Prospective Geothermal Heat Pump Owner

<http://geoheat.oit.edu/ghp/survival.pdf>

A Guide to On-line Geological Information and Publications for Use in GSHP Site Characterization

<http://geoheat.oit.edu/otl/guidegshp.pdf>

Data Acquisition for Low-Temperature Geothermal Well Tests and Long-Term Monitoring

<http://geoheat.oit.edu/pdf/tp17.pdf>

Aquaculture and Geothermal Heat Pumps

<http://geoheat.oit.edu/pdf/tp116.pdf>

Residential Swimming Pool Heating with Geothermal Heat Pump Systems

<http://geoheat.oit.edu/pdf/tp117.pdf>

Greenhouse Heating with Geothermal Heat Pump Systems

<http://geoheat.oit.edu/pdf/tp118.pdf>

## **General Bulletin Articles**

Characteristics, Development and Utilization of Geothermal Resources (June 2007)

<http://geoheat.oit.edu/bulletin/bull28-2/art1.pdf>

Geothermal Energy Utilization in Ethanol Production (March 2007)  
<http://geoheat.oit.edu/bulletin/bull28-1/art2.pdf>

Integrating Small Power Plants into Direct-Use Projects (June 2005)  
<http://geoheat.oit.edu/bulletin/bull26-2/art2.pdf>

Fish Rearing Ponds Cascaded from Binary Power Generation (March 2005)  
<http://geoheat.oit.edu/bulletin/bull26-1/art5.pdf>

Geothermal Websites (March 2005)  
<http://geoheat.oit.edu/bulletin/bull26-1/art8.pdf>

Direct-Use Temperature Requirements: A Few Rules of Thumb (June 2004)  
<http://geoheat.oit.edu/bulletin/bull25-2/art1.pdf>

Industrial Process and the Potential for Geothermal Applications (September 2003)  
<http://geoheat.oit.edu/bulletin/bull24-3/art2.pdf>

Western States Geothermal Database CD (March 2002)  
<http://geoheat.oit.edu/bull23-1/art1.pdf>

Geothermal Direct-Use in the United States (March 2000)  
<http://geoheat.oit.edu/bull21-1/art1.pdf>

Small Geothermal Power Plants: Design, Performance and Economics (June 1999)  
<http://geoheat.oit.edu/bulletin/bull20-2/art1.pdf>

Opportunities for Small Geothermal Power Projects (June 1999)  
<http://geoheat.oit.edu/bulletin/bull20-2/art3.pdf>

Geothermal Direct-Use Equipment Overview (March 1998)  
<http://geoheat.oit.edu/bulletin/bull19-1/art1.pdf>

Onion Dehydration (July 1994)  
<http://geoheat.oit.edu/pdf/bulletin/bi060.pdf>

Heap Leaching (Spring 1990)  
<http://geoheat.oit.edu/pdf/bulletin/bi007.pdf>

## **Other Publications from other Websites**

### **Geothermal-Biz.com**

Geothermal Small Business Workbook  
<http://www.geothermal-biz.com/GSBW.pdf>

Geothermal Money Book  
<http://www.geothermal-biz.com/GeoMoneyBook.pdf>

Geothermal Literature Assessment: Environmental Issues  
<http://www.geothermal-biz.com/GeothermalLiterature.pdf>

### **National Renewable Energy Laboratory (NREL)**

Buried Treasure: The Environmental, Economic, and Employment Benefits of Geothermal Energy  
<http://www.nrel.gov/docs/fy04osti/35939.pdf>

Geothermal Technologies Program: Direct Use  
<http://www.nrel.gov/docs/fy04osti/36316.pdf>

Geothermal Technologies Program: Enhanced Geothermal Systems  
<http://www.nrel.gov/docs/fy04osti/36317.pdf>

### **Energy and Geoscience Institute**

Geothermal Energy Clean Sustainable Energy for the Benefit Humanity and the Environment (Red Brochure)  
<http://egi-geothermal.org/GeothermalBrochure.pdf>

### **Geothermal Education Office**

The Geothermal Education Office (GEO) produces and distributes educational materials about

geothermal energy to schools, energy/environmental educators, libraries, industry, and the public. GEO collaborates frequently with education and energy organizations with common goals, and, through its website, responds to requests and questions from around the world.

<http://geothermal.marin.org>

**Stoel Rives LLP,**

Developed a guide containing insights that the law firm's multi-state Geothermal Team has gained over the past ten years serving the U.S. geothermal industry domestically and abroad. Lava Law describes the current legal and policy issues most likely to affect the geothermal industry in general, and the development of individual geothermal projects.

[http://www.stoel.com/webfiles/LAVA\\_Web\\_2007.pdf](http://www.stoel.com/webfiles/LAVA_Web_2007.pdf)