

GEO-HEAT CENTER QUARTERLY BULLETIN

ISSN 0276-1084

A Quarterly Progress and Development Report on the Direct Utilization of Geothermal Resources

CONTENTS

The Economic, Environmental and Social Benefits of Geothermal Use in the Eastern United States 1
Andrew Chiasson

Trials and Tribulations of the Oregon Institute of Technology Small-Scale Power Plant 6
Toni Boyd, John W. Lund

The Feasibility of Geothermal Potential in the Rio Grande Rift Area of New Mexico and Texas 10
Toni Boyd, Jonathan Hall, Reginald Boyle, Samuel Cole, Kevin McBride, Callan Hass, Aleena Anderson, Joe Miranda, Michael Benedict, Phillip Maddi, Jim Evans, Casey Coulson

NREL National Geothermal Student Competition..... 17
Jim Evans

PUBLISHED BY

GEO-HEAT CENTER
 Oregon Institute of Technology
 3201 Campus Drive
 Klamath Falls, OR 97601
 Phone: (541) 885-1750
 E-mail: geoheat@oit.edu

All articles for the Bulletin are solicited. If you wish to contribute a paper, please contact the editor at the above address.

EDITOR

Tonya “Toni” Boyd
 Cover Design – SmithBates Printing & Design

WEBSITE:

<http://geoheat.oit.edu>

ACKNOWLEDGEMENT

This material is based upon work supported by the Department of Energy (National Nuclear Security Administration) under Award Number DE-EE0002741.

DISCLAIMER

This *Bulletin* was prepared as an account of work sponsored by an agency of the United States government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply endorsement recommendation, or favoring by the United States Government or any agency thereof.

SUBSCRIPTIONS

The *Bulletin* is mailed free of charge. Please send your name and address to the Geo-Heat Center for addition to the mailing list.

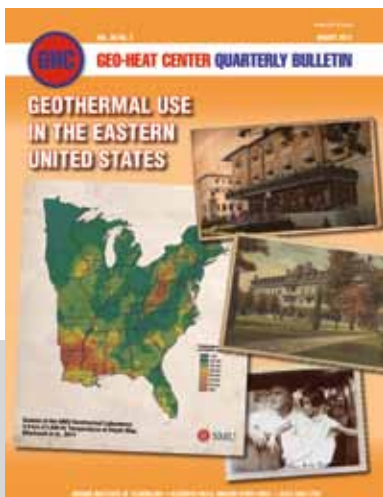
If you wish to change your *Bulletin* subscription, please complete the form below and return it to the Geo-Heat Center.

Name _____

Address _____

City, State, Zip _____

Country _____



Cover Mosaic: Temperature at depth map of the eastern United States; postcard of Bath House Row at Hot Springs, Georgia; postcard of the Mountain Park Hotel at Hot Springs, North Carolina; photograph of President Franklin Delano Roosevelt and Miss Harriet Golden, 1931 at Warm Springs, Georgia, courtesy National Archives Collection.