

GEO-HEAT CENTER QUARTERLY BULLETIN

ISSN 0276-1084

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

CONTENTS	Page
Western States Geothermal Databases CD Tonya L. Boyd	1
A Tribute to Charlie Leib - Grandfather of Klamath Falls Geothermal Development	6
Thermal Springs in Germany and Middle Europe Prof. Dr. Klaus Knoblich	7
Thermal Springs and Spas in Poland Beata Kepinska	10
Thermal Waters and Balneology in Bulgaria K. Bojadgieva, S. Dipchikova, A. Benderev and J. Koseva	18
Low-Enthalpy Power Generation with ORC-Turbogenerator - The Altheim Project, Upper Austria Gerhard Pernecker and Stephan Uhlig	26
The Swiss Deep Heat Mining Project - The Basel Exploration Drilling Markus Haring and Robert Hopkirk	31
Geothermal Pipeline Progress and Development Update Geothermal Progress Monitor	Back Cover

Cover: Photo 1 - Venting Well, Tongonan Geothermal Field, Leyte Philippines; Photo 2 - Pohutu Geyser Basin, Rotorua, New Zealand and Photo 3 - Hot Springs, Upper Geyser Basin, Yellowstone National Park (Photos by John Lund).

PUBLISHED BY

GEO-HEAT CENTER
Oregon Institute of Technology
3201 Campus Drive
Klamath Falls, OR 97601
Phone: 541-885-1750
Email: 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

John W. Lund
Typesetting/Layout - Donna Gibson
Graphics - Tonya "Toni" Boyd

WEBSITE <http://geoheat.oit.edu>

FUNDING

The bulletin is provided compliments of the Geo-Heat Center. This material was prepared with the support of the U.S. Department of Energy (DOE Grant No. FG01-99-EE35098)> However, any opinions, findings, conclusions, or recommendations expressed herein are those of the author(s) and do not necessarily reflect the view of USDOE.

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 Center.

Name _____

Address _____

_____ Zip _____

Country _____