

...Of environmental concern

By KATHLEEN MONJE
Of the Emerald



Oregon State University geophysicists are researching the geothermal resource possibilities in an area stretching from the Three Sisters to Crater Lake.

Principal investigators of the 90-by-75-mile study area are Richard Couch and Michael Gemperle. They hope to find sources of trapped heat, which can be used to produce energy.

"The western portion of the country — where heat flow values are high, hot springs are numerous, and there is abundant evidence of relatively recent volcanism — probably contains the largest share of its geothermal resources," Couch said.

Oregon ranks among those states with the highest geothermal potential, he added.

Gemperle said that although some parts of the study area would not be available for geothermal exploitation under foreseeable circumstances: "It seems reasonable that exploratory work might disclose shallow-level heat sources favorably located in other parts of the region."

According to Couch, the research should be finished by the end of 1978, and results and recommendations should be published in 1979.

The work is funded by the U.S. Geological Survey, an agency of the Department of the Interior.

Scientist Peter Glaser called last week for an international effort to construct 112 solar-powered satellites (SPS) by the year 2025. Glaser, the first scientist to

propose the energy-producing satellites, said the idea is one of the most promising power generation options for meeting global energy demands.

Speaking to the American Association for the Advancement of Science at its annual meeting, he said the SPS "deserves serious consideration as the nations of the world grapple with the challenges that will have to be met during the inevitable transition to renewable sources of energy."

Glaser said the system might provide as much as 25 percent of the world's electric power needs.

The first commercial SPS could be put in orbit around 1995, he said, and a pilot plant could be assembled with the help of the space shuttle, scheduled to begin flying in 1980.

A number of countries are interested in the satellite system, according to Glaser. The Soviet Union, India and Germany and several American aerospace companies are working on the idea.

The federal government has announced a ban on the sale of about 2,000 chemical pesticides to anyone but farmers and commercial applicators trained in their use.

The crackdown involves 23 "potentially hazardous" ingredients used in the pesticides, according to Douglas Costle, administrator of the Environmental Protection Agency.

Many of the 2,000 commercial products are commonly used to control insects and weeds in food crops.

Costle said the ingredients were restricted "because tests or actual experience showed these compounds can poison people through excessive skin contact or inhalation or the ingredients can harm birds, fish and other wildlife if misused."

But he added the vast majority of pesticides used by homeowners and gardeners will continue to be available.

"Forests and Oregon's Economic Future," a conference sponsored by the Oregon Student Public Interest Research Group (OSPIRG) and the University Survival Center, will be held Feb. 25.

The conference is being held in response to recent demands that timber harvests in Oregon national forests be increased in order to maintain the economy. It will feature speakers discussing the place of timber, wildlife, fisheries, recreation and other forest resources in Oregon's economy.

The conference will be held from 9 a.m. to 4 p.m. in the EMU. For more information, contact Pandal O'Toole in the OSPIRG office in Suite 3 of the EMU, phone 686-4073.



Multi-cultural Historical Symposium

Feb. 20-24

Events Daily in the University of Oregon EMU

Monday, Feb. 20

Nobuko Joanne Miyamoto and Bennie Yee, members of "Warriors of the Rainbow," an Asian American movement band, will give a concert at 8:00 pm in the EMU Ballroom. Tickets are \$3.00 and may be purchased at the EMU main desk.

Tuesday, Feb. 21

Jerome Hall, internationally known Black poet and writer, will give a lecture at 1:00 pm in the EMU Forum Room. Hall writes articles and does photography for many newspapers and magazines, and also teaches courses on racism in Spain and the U.S. One of the possible topics Hall will speak on is "European racism: variations and significance." Free admission.

Wednesday, Feb 22

Roger Broer, nationally known Sioux Indian artist will give a lecture and show some of his paintings at 12:00 pm in the EMU Forum room. Admission is free.

The award winning film "At the Time of Whaling" will be shown at 7:00 pm in the EMU Forum room. This movie tells about whaling from the side of the Eskimos and explains why it is an important part of their culture.

Members of the Asian American Student Union will combine poetry, history and commentary with Judo, Kung Fu and Karate in a martial arts demonstration at 7:30 pm in the EMU, room 167. Admission is \$1.00 and tickets may be purchased at the EMU main desk. This demonstration will combine technique and thought so that viewers may gain insight into the total picture of martial arts.

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Thursday, Feb. 23

Jerome Hall, internationally known Black poet and writer, will give a lecture at 8:00 pm in room 167, EMU. One of the possible topics Hall will speak on is Contemporary poetry—the significance of new movements.

Friday, Feb. 24

Dance to disco from 9:00 pm to 12:30 am in room 167, EMU. Admission is \$1.00.

Multi-Cultural Dinner/Show

Friday, Feb. 24 6:00 p.m.
EMU Ballroom 2.50

Ethnic Food and Entertainment

Menu:

Barbecued chicken, greens, fried won ton, fried bread, corn cobettes, lemonade and coffee.

Entertainment:

Poetry reading, singing, traditional Indian and Japanese dance, martial arts and more!

Individuals and booze meet topic

The history and progression of alcoholism in the individual will be the topic of the next Community Alcohol Education meeting, Tuesday in the Scout Room of Central Presbyterian Church, 15th Avenue and Ferry Street.

The free program will feature a showing of the film "The Secret Love of Sandra Blain."

The series is presented each Tuesday evening at 7:30.



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