

Seminar Renewable Energy and Energy Efficient Building at the ICU *cosponsored by ICU Peace Research Institute*

Time: May 20th 2015 (Wednesday) 12:50-13:50
Place: Room H 201 (ICU University Hall, 2nd Floor)
Title: Geothermal Energy Opportunities in Japan
Speaker: Mr. Thomas Giuffre, CEO & Principal of Hot Earth Enterprise, Tokyo, Japan (<http://www.hotearth.com/>)

10% of the world's surveyed geo-thermal resources are accessible in Japan. While 99% of the total national energy demand is met by imported fuel sources, including oil, coal, gas and nuclear.

But why are Japan's natural geothermal resources so under developed? There are historical political, social, and technological reasons behind the story.

In this presentation, we will survey the background of Japan's early geothermal energy development, review the extent of resources that are present, and describe the social and political issues that have impacted progress.

With the new renewable energy program and FIT established by METI in 2012, in the aftermath of the Fukushima accident, we will review the program and how it is being implemented. We will describe a variety of new technologies that will allow geothermal energy development to advance more rapidly than was possible in the past.

280kWクラス PureCycle 280

85 台が連続運転中



- 高温、流量の非常に大きな源泉に最適
- 寸法 W:230cm D:580cm H:350cm
- 重量 12,500kg
- 発電端出力280kWの時: 熱水72t/h@138°C、冷却水210t/h@16°C

Anybody, especially students, are welcome.

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Campus Map (Bldg. No. 1!): <http://www.icu.ac.jp/about/campus/>

To students: All students are welcome to attend the seminar. But please note that different from the NS Forum or Funct. Science seminars, the seminar will not give you any ICU course credits.