

IEA Geothermal Annex VIII, Task A & AIST

**Seminar on «Current issues and innovation
on GSHP application in Asia and Pacific region»**

Program

Opening: Brian Carey and Kasumi Yasukawa (10:00-10:15)

Morning session: Country updates (10:15-12:30) Chair: Yoonho Song

Masakatsu SASADA (Chairman, Geo-HP Association Japan)
Current trend in ground source heat pumps in Japan

Rudolf Minder (Swiss Federal Office of Energy)
Innovative GSHP Applications in Switzerland

Brian Carey (GNS Science)
Geothermal Heat Pumps in New Zealand

Ian Johnston (Melbourne School of Engineering, Australia), presented by Brian Carey
An update - Geothermal Heat Pumps in Australia 2014

Short discussion (12:15-12:30)

Lunch: 12:30-14:00 (will be provided by FREA)

Afternoon session: Technical challenges and cooling (14:00-17:00) Chair: Katharina Link

Hikari FUJII (Akita University)
New technologies on TRT and borehole heat exchange system

Yoonho SONG (KIGAM)
Estimating energy production with GSHP – its importance in geothermal direct-use statistics

Coffee break (15:00-15:30)

Shrestha GAURAV and Dr. Youhei UCHIDA (AIST)
GSHP studies under CCOP groundwater project

Isao TAKASHIMA (Akita University)
Feasibility study on GHP systems in tropical Asia from the experimental data of Thailand and Indonesia

Panel discussion (16:30-17:00)

Adjournment (17:00)



*Annex VIII - Task A
and FREA/AIST*



**October 19th 2014
10 am to 5 pm
Fukushima Renewable
Energy Institute, AIST
(FREA)**

***Seminar on:
«Current issues and innovation on GSHP
application in Asia and Pacific region»
including final panel discussion***