

BAGUS Project News

BAGUS Project 5th JCC Meeting

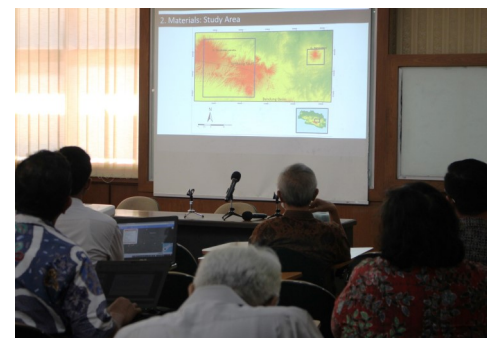
On 3rd to 5th July 2018, BAGUS Project held its 5th Joint Coordinating Committee Meeting. During this annual occasion the team members present the research progress and update the research activity plans for the upcoming year.

The event was started with the following presentations of research progress report from both sides of the team:

Bandung Institute of Technology :	Center for Mineral, Coal & Geothermal Resources, MEMR:
<ol style="list-style-type: none"> 1. "Geothermal and fault analyses around volcanic area at northern part of Bandung based on radon, hydro-geochemistry and isotope results (case study of Tampomas & southern flank Tangkuban Prahul-Lembang)", Prof. Dr. Sudarto Notosiswojo & Assistant Prof. Dr. Irwan Iskandar 2. "Spatial correlation between radon concentration & local fracture density extracted from high resolution digital elevation model", Associate Prof. Dr. Mohamad Nur Heriawan 3. "Ground surface signatures derived by SAR & thermal infrared sensors at steam spots of geothermal system", Assistant Prof. Dr. Eng. Asep Saepuloh 4. "Research progress of geobotanical remote sensing for geothermal exploration", Assistant Prof. Arie Naftali Hawu Hede, Ph.D 5. "Research related to the use of TOUGH2 for geothermal reservoir modelling, program 2017-2018", Assistant Prof. Dr. Eng. Sutopo and Associate Prof. Nenny Miryani Saptadji, Ph.D 	<p>"Update activity of geothermal resources survey & challenges", Mr. Iwan Nursahan</p>
	Star Energy Geothermal, Ltd.:
	<p>"Geoscientific data integration on exploration well targeting technique and exploitation strategy", Ms. Dwiyoarani Malik</p>
	Kyoto University :
<ol style="list-style-type: none"> 1. "Research progress overview of the BAGUS (Beneficial and Advanced Geothermal Use System) project by Kyoto University team", Prof. Dr. Katsuaki Koike 2. "New way of high-density electromagnetic survey in geothermal area and a test application in Japan", Associate Prof. Dr. Tada-nori Goto 3. "Progress report and annual research plan of geochemistry", Assistant Prof. Dr. Koki Kashiwaya (presented by Prof. Dr. Katsuaki Koike) 4. "Preliminary results and annual plan of surface water chemistry", Dr. Yohei Tada 5. "Progress report and future plan for radon measurement and lineament analysis", Mr. Taiki Kubo 	



Prof. Katsuaki Koike & Prof. Sudarto Notosiswoyo after the signing of BAGUS Project's 5th JCC Minutes of Meeting



The presentation session was open for invited audience from the Faculty of Mining and Petroleum Engineering ITB

The Joint Coordinating Committee Meeting followed the presentation session in the afternoon and was continued on the second day, 4th July 2018. Also joining the team members on the second day were representatives from Geo Dipa Energi to discuss research activity plans in Patuha geothermal site in 2019.

In the meeting, ITB and Kyoto University team confirmed the completion of the laboratory equipment provision in two batches. Twelve donated equipment now have been effectively in use for researches. The team also confirmed that all research activity are progressing according to the plan to attain the purpose of the project. The team will continue the research activities in Wayang Windu (until end of 2018) and in Patuha. They also confirmed the plan for making research results into papers and thesis.

The signing of the Minutes of Meeting by Prof. Sudarto Notosiswoyo and Prof. Katsuaki Koike was witnessed by Mr. Ryoya Fuse, Representative from JICA Indonesia Office.



The final day of 5th JCC Meeting, on 5th July 2018, the team paid a visit to Geo Dipa Energi's Patuha geothermal site, as the project is planning to expand its focus area to Patuha. Besides, an excursion to Kawah Putih (White Crater) in Ciwidey was arranged in coordination with their staffs. In this occasion, Mr. Tomoyuki Kawabata, Senior Representative from JICA Indonesia Office joined the team and had the chance to meet Mr. Supriadinata Marza, the General Manager of Geo Dipa Energi Patuha unit.



2018 Intensive Geothermal Short Course at Kyoto University: Briefing of Trainees

Kyoto University team took the occasion of their visit for the 5th JCC Meeting to meet the participants of the Intensive Geothermal Short Course at Kyoto University in September 2018, who have successfully passed the selection process since March 2018. Besides the ten candidates of junior researcher and one academic assistant from ITB, the training course will also be joined by appointed representatives of the Project's partner institution: Center for Mineral, Coal and Geothermal Resources, Geological Agency of Energy and Mineral Resources Ministry, Star Energy Ltd. and Geo Dipa Energi Ltd. A meeting was held on 4th July 2018 to congratulate them and to give advices from the team. The participants are planned to leave Indonesia on 2nd September and return to Indonesia on 16th September 2018.



2018 Mining in Asia International Symposium

Prof. Katsuaki Koike participated in the Mining in Asia International Symposium held in ITB campus from 25th to 27th July 2018. This year's event is together with the 8th Society of Mining Professor Regional Meeting hosted by ITB.

Prof. Koike presented about the Effectiveness of Remote Sensing Techniques for Vegetation Stress, Alteration Minerals, and Fracture System to Detect Hydrothermal-Originated Resources. This topic is partly related to the outcomes of BAGUS project. He promotes the methods that can contribute to extend the resource-exploration target to thickly vegetated areas, in addition to traditional arid and semiarid areas.



A Joint ITB/JICA/JST SATREPS Project for Technology Development of Steam-spot Detection and Sustainable Resource Use for Large Enhancement of Geothermal Power Generation in Indonesia
Beneficial and Advanced Geothermal Use System

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<https://www.jica.go.jp/oda/project/1400739/index.html> (JICA)
<http://bagus-satreps.fttm.itb.ac.id/> (ITB)
http://www.jst.go.jp/global/kadai/h2601_indonesia.html (JST)
<http://www.geovenv.kumst.kyoto-u.ac.jp/bagus1.html> (Kyoto University)