



Geophysical Field Trip 2019

Geothermal Exploration
Using Geophysical Methods
at Papandayan Mountain
7 - 12 January 2019

Organized by:



HMGI Wilayah II (DKI, West Java & Banten)

HMGI

Himpunan Mahasiswa Geofisika Indonesia or further referred to as HMGI, is a scientific, independent, and non-political organization of all geophysical student association from different universities in Indonesia. HMGI itself consists of HMGI Central Executive Board and several parts according to the universities' region (there are 6 region)

HMGI Region II

One of the region which is Region II in DKI Jakarta and West Java Province area consists of 8 universities as a member, which are; Institut Teknologi Bandung, Universitas Padjadjaran, Universitas Indonesia, UIN Jakarta, UIN Bandung, STMKG, Universitas Pertamina and Universitas Pendidikan Indonesia







Geophysical Field Trip 2019

In order to achieve the objectives, HMGI Region II held a Field Trip activity to strengthen the good relations between geoscientist in Indonesia. This activity is also mean for participants to deepen their knowledge in the geothermal field. Moreover, this activity is also aimed to develop professionalism in enhancing geophysics student participation in national development.

TIME AND PLACE



time: 6th - 13th January 2019



place: Papandayan & Puntang Mountain, Garut, Jawa Barat

OBJECTIVES

This event has some objectives to reach to, and those are:

- ❖ To understand both Geological and Geophysical concept in Geothermal
- ❖ To hone the skill in acquisition, data processing, and interpretation of geophysical methods
- ❖ To compare theoretical concept that has been given at classroom with the condition in the field.



PARTICIPANT:

Total 71 Person

METHODS: Gravity Magnetics Magnetotelluric

Audio-Magnetotelluric

2

TIMELINE

DAY 2 - 5

(Geophysical Studies)

Start from theoretical discussion, data acquisition, and processing. Interspersed with interpreting data

DAY 6

(Course & Presentation)

There will be a lecture / course delivered by Dr.Sci. Djedi S. Widarto, M.Eng (Chief New Energy & Green Technology at Upstream Technology Centre, PT. Pertamina)

DAY 1

(Geological Studies)

An introduction to geological studies of Mt. Papandayan before hiking, while hiking and after hiking at the camp site. Doing an identification on rock properties and other exercises.



SPONSORSHIP

SPONSORSHIP CRITERIA							
Facilities		Packages					
		Platinum (P)	Gold (G)	Silver (S)	Bronze (B)		
Packages p	rice	IDR 75 M IDR 60 M IDR 30 M ID		IDR 15 M			
Company's logo on publication and promotion	Co-card	Yes	Yes	Yes	Yes		
	Certificate	Yes	Yes	Yes	Yes		
	Poster	Yes	Yes	Yes	Yes		
	Banner	Yes	Yes	Yes	Yes		
	List of sponsor	Yes	Yes	Yes	Yes		
Company 's logo on Field ⁻	Trip official Video	Yes Yes Y			No		
Company's logo on Field Trip equipment	Сар	Cap Yes No		No	No		
Company's logo on Field Trip media	Online	Yes	Yes	No	No		
partner	Offline	Yes	Yes	No	No		
	Company's logo	Yes	Yes	Yes	Yes		
Promotion in Field Trip's official Instagram	Company's description	30 words	25 words	20 words	15 words		
	Video teaser	Only for the highest sponsor					

BUDGETARY FUNDS

EXPENDITURE								
UTILITIES	QUANTITY	UNIT PRICE		TOTAL				
LOGISTIC AND TRANSPORTATION								
AMT Zonge + Operator	6	IDR	3,750,000	IDR	22,500,000			
Gravity Lacost + Operator	6	IDR	1,250,000	IDR	7,500,000			
Magnetic + Operator	6	IDR 1,400,000		IDR	8,400,000			
GPS Differensial	6	IDR	1,250,000	IDR	7,500,000			
Medium Bus	2	IDR	2,200,000	IDR	4,400,000			
Big Bus	2	IDR	3,200,000	IDR	6,400,000			
Megaphone	1	IDR	160,000	IDR	160,000			
Tent	10 x 6 days	IDR	75,000	IDR	4,500,000			
Flashlight	14 x 6 days	IDR	5,000	IDR	420,000			
Mattress	74 x 6 days	IDR	3,000	IDR	1,332,000			
Geological Hammer	8 x 6 days	IDR	10,000	IDR	480,000			
Geological Compass	6	IDR	30,000	IDR	180,000			
Geological Map	6	IDR	30,000	IDR	180,000			
Pick-up Car	6	IDR	300,000	IDR	1,800,000			
Fuel	30 liter	IDR	7,800	IDR	234,000			
	IDR	65,986,000						

PUBLICATION AND DOCUMENTATION								
Banner		1	IDR	l	50,000	IDR	50,000	
Momento		6	IDR	1	100,000	IDR 600,000		
Сар	71		IDR	1	30,000		2,130,000	
Certificate	66		IDR	1	5,000		330,000	
Cocard	26		IDR	1	6,000		156,000	
Proposal	30		IDR	1	20,000		600,000	
Sub-Total					IDR	3,866,000		
		HEALTH	ANI	CA1	TERER			
First Aid Kit		4	IDR		25,000	IDR	100,000	
General Medicine	4		IDR		30,000		120,000	
Oxycan 500cc	4		IDR		48,000	IDR	192,000	
Thermal Blanket	4		IDR		30,000	IDR	120,000	
Dragbar	1		IDR	3	75,000	IDR	375,000	
Balm	4		IDR		10,000		40,000	
9 Bidai + 4 Mitela	1		IDR	1	55,000	IDR	155,000	
Meals	74 x 6 days		IDR		60,000		26,640,000	
Mineral Water	6		IDR		20,000		120,000	
Sub-Total				IDR	27,862,000			
LOCATION								
Entry Fee	7	' 4	IDR		30,000	IDR	2,220,000	
Cost for Camp	74 x 5	nights	IDR		30,000	IDR	11,100,000	
Station Rent	1 x 6	days	IDR	1,0	000,000	IDR	6,000,000	
Field Officer	1 x 6	days	IDR	4	130,000	IDR	2,580,000	
				Sι	ıb-Total	IDR	21,900,000	
OTHERS								
Lecturer's Fee		1		IDR	500,000	IDR	500,000	
Geophysics Instructor	's Fee	4 x 6 d	ays	IDR	400,000	IDR	9,600,000	
Geology Instructor's	Fee	1 x 6 d	ays	IDR	300,000	IDR	1,800,000	
					Sub-Total	IDR	11,900,000	
TOTAL EXPENDITURE					IDR	131,514,000		

SPONSOR ATTRIBUTE

A. Horizontal Banner



D. Certificate



B. Poster



C. Co - Card





E. Field Equipment



SPONSORSHIP PAYMENT & REQUIREMENT

I. Payment Methods

- All Prices listed are on Indonesian Rupiah
- All payment must be made in Indonesian Rupiah
- Accepted payment methods include bank check, bank transfer, and credit card

II. Sponsor's Responsibilities

- It is the responsibility of the sponsor to provide the material listed on package, once the agreement has been made.
- The companies provided any required materials (logo, banners, door prize) in timely manner based on agreement.

III. Sponsorship Agreements

• Once you preferred sponsorship package has been negotiated, the Geophysical Field Trip 2019 committee will prepare a sponsorship agreement for your signature. The agreement is to be signed and returned time frame specified.

IV. Sponsorship Cancellation Policy

- Sponsorship cancellation must be made in writing. Please note that the detailed cancellation policy will be outlined in the Terms & Conditions included with the sponsor agreement
- The entitlements lister this document are offered in the basis that confirmation of the sponsor's involvement is received prior to the deadline specified by the committee.
- The Geophysical Field Trip 2019 committee reserves the right to amend this packages subject to change in the format.



CLOSING

Thus this proposal we made as a guideline in carrying out these activities. We need to be supported by other parties and/or organizations as well in order to execute this event. Any feedback regarding the event or this proposal are welcomed to increase the quality of this event. Thank you for your attention & approval of this proposal. Let us hope that this event will be held successfully.

Jakarta, October 2018

Contact Us

Secretariat: Hima Geofisika "Pedra" room, building of FMIPA, Universitas Padjajaran, Jatinagor, Sumedang 45363







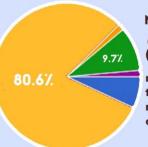




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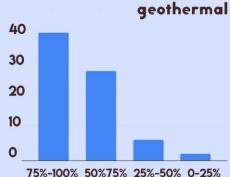
Energi 🥟 Seothermal



Menurut survei
80%.
mahasiswa mengetahui Geothermal
melalui perkuliah

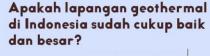
Energi geothermal, adalah energi panas yang tersimpan dalam batuan di bawah permukaan bumi dan fluida yang terkandung didalamnya.

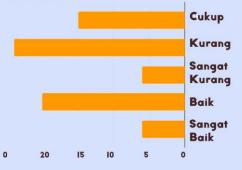
Ketertarikan untuk mengetahui perkembangan energi aeothermal



- Di Indonesia usaha pencarian sumber energi geothermal pertama kali dilakukan di daerah Kawah Kamojang pada tahun 1918.

- Kegiatan eksplorasi geothermal di Indonesia baru dilakukan secara luas pada tahun 1972.





Seberapa pentingkah Eksplorasi Geothermal di Indonesia?

