


# Ir. Ahmad Ali Syafi'i, S.T., M.T.

Martapura, November 22th, 1991 (30 y.o.)

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## Summary

*Accomplished mining engineer, explorer, young lecturer and researcher offering a year of experience and strong teamwork. Focused on Geostatistical Field and GIS*

## Education

Bachelor Degree

Agustus, 2010 - May 18th, 2015

[Mining Engineering Dept., Faculty of Engineering, Lambung Mangkurat University](#)

GPA: 3.61 out of 4.00

Thesis: *Evaluation of Materials Charging Explosion using Boulder Percentage Fragmentation Analysis in West Pit #043C PT Madhani Talatah Nusantara, Rantau Bakula Village, Sungai Pinang sub-District, Banjar District, South Kalimantan Province*

Master Degree (Specialization: Earth Resources Exploration)

August 8th, 2016 - October 2nd, 2018

[Mining Engineering Dept., Faculty of Mining and Petroleum Engineering, Institute Technology of Bandung](#)

GPA: 3.62 out of 4.00

Thesis: *Spatio-Temporal Analysis of Near-Surface Permeability Zone Based on Radon Gas Concentration and Local Lineament Structure Density in Wayang Windu Geothermal Field, West Java*

Engineer Education Program

2020 - 2022

Engineer Professional Program (PsPPI), Faculty of Engineering, Lambung Mangkurat University

GPA: 3.65 out of 4.00

Thesis: *Photogrametric Application Supervision and Geographic Information Systems in Mine Planning And Modeling Studio Faculty of Engineering University of Lambung Mangkurat*

## Professional Experience

Practical Work

- 2013

CV Yusrina Borneo Quantum (Service Blast)

Observation of Blasting Geometry based on success the Overburden (OB) Demolition in CV. Yusrina Borneo Quantum (YBQ) Jobsite PT. Bangun Banua Persada Kalimantan, Tapin District, and Banjar District, South Kalimantan Province

Lab Instructor

2011 - 2012

Geology Laboratory, Mining Engineering, Faculty of Engineering, Lambung Mangkurat University

Subject: Basic Geology

Lab Instructor

2013 - 2014

Mining Technology Laboratory, Mining Engineering, Faculty of Engineering, Lambung Mangkurat University

Observation of Blasting Geometry based on success the Overburden (OB) Demolition in CV. Yusrina Borneo Quantum (YBQ) Jobsite PT. Bangun Banua Persada Kalimantan, Tapin District, and Banjar District, South Kalimantan Province

Lab Instructor

2013 - 2015

Geology Laboratory, Mining Engineering, Faculty of Engineering, Lambung Mangkurat University

Subject: Mine Ventilation

Undergraduate Thesis

- 2014

[PT Madhani Talatah Nusantara \(Engineering Dept.\)](#)

As a student researcher and following the production team for supervising blasting engineering process and evaluating the final result as a daily report

Lecturer

August 24th, 2015 - December, 2015

Mining Engineering Dept., Faculty of Engineering, Lambung Mangkurat University

Subject: Exploration, Drilling and Blasting

Lab Instructor

- 2018

Mining Engineering Dept., Faculty of Mining and Petroleum Engineering, Institute Technology of Bandung

Subject: Applied Geostatistics

Lab Instructor

- 2018

Mining Engineering Dept., Faculty of Mining and Petroleum Engineering, Institute Technology of Bandung

Subject: Advanced Geostatistics

Research Team of BAGUS (Beneficial and Advanced Geothermal Use System) Project, supported by JICA (The Japan International Cooperation Agency)

September 4th, 2018 - September 15th, 2018

[Kyoto University - Institute Technology of Bandung](#)

Project for Technology Development of Steam Spot Detection and Sustainable Resource Use for Large Enhancement of Geothermal Power Generation in Indonesia

## Technological Proficiencies

- Office 365
- SGeMS
- ArcGIS Pro
- ENVI
- Surfer
- Global Mapper
- Flight Plan (Pix4Dmapper, Agisoft)
- Photo & Video Editing (Photoshop, Corel Draw, Sony Vegas Pro)
- Blastware (Minimate Pro™)
- Quizziz, Flipgrid, PreziVideo, Canva

## Language Skills

English



ELTP ITB 2016 (score: 96 equivalent 550)

TOEFL ITP 2018 (score: 520)

TOEFL Prediction ULM 2022 (score: 493)

## Core Competencies

- Geostatistics
- Aerial Photography and Mapping
- Satellite image processing
- Blasting Engineering Technique
- Communication
- Teamwork
- Resource Allocation
- Competitive Intelligence
- Team Leadership

## Achievements

1. Pasukan Pengibar Bendera Pusaka (Paskibraka), Kab. Banjar (2009)
2. The 1st Champion of Kalimantan Student Mining Competition (2011)
3. Tanglong Favorite Champion, South Kalimantan (2012)
4. The 4th Tanglong Champion, South Kalimantan (2012)
5. Scholarship Holder for PPA Scholarship (2012)
6. Tanglong Favorite Champion, South Kalimantan (2013)
7. The 1st Champion of Kalimantan Student Mining Competition (2013)
8. Best Graduate Program (S1) of Mining Engineering Dept., Faculty of Engineering, Lambung Mangkurat University (2015).
9. The 3rd Best Graduate Program (S1), Faculty of Engineering, Lambung Mangkurat University (2015).
10. Scholarship Holder for Beasiswa Unggulan (2016)
11. The 2nd Champion of Drone Photo Competition by Ciyus Drone (2019).
12. The 3rd Champion of Drone Photo Competition by Ciyus Drone (2020).
13. Paper Published on the Springer Nature, as the 2nd Author, published online at 3 July 2020.

## Activities/ Hobbies

- Indonesian Red Cross – volunteer of blood donors (scheduled)
- Running (active)
- Cycling (active)
- Blogging (active)

**Lecturer** May 1st, 2019 - October, 2019  
**Mining Engineering Dept., Faculty of Engineering, Institute Technology of Sumatra (ITERA)**  
 Subject: Physical 1, Introduce of Mining

**Reviewer** 2019 - 2020  
**Bulletin of Geology (e-ISSN 2580 - 0752)**  
 Topic: Structural Control Related With Medium-To-Very High Au Grade At Pit B East And B West, Tujuh Bukit Mine, East Java

**Staff Engineer** January 1st, 2020 - Desember 31th, 2021  
**PT Dangsanak Banua Sebuku, Subsidiary PT Bangun Banua Kalimantan Selatan**  
 Regional company of South Kalimantan for oil gas exploitation in Sebuku Island with participating interest (PI)

**Adjunct Lecturer** March, 2021 - February, 2022  
**Lambung Mangkurat University**  
 Teaching 2 courses, 1) Applied Mathematics and 2) Safety Technolgy of Underground Mining Coal

**Lecturer** March, 2022 - present  
**Lambung Mangkurat University**  
 Teaching 8 courses, 1) Calculus 1 2) 1st English 3) Mapping in Mining Engineering 4) GIS 5) Photogrammetry 6) Introductory of Information Tech 7) Instrument System in Underground Mining 8) Mineral and Coal Processing

## Organizational Experience

Name of Organization	Duty	Year
Student Executive Board of the Faculty of Engineering, University of Lambung Mangkurat (BEM FT ULM)	Member of religious division	2011 - 2012
Student Executive Board of the Faculty of Engineering, University of Lambung Mangkurat (BEM FT ULM)	Chairman of religious division	2012 - 2013
Purna Paskibraka Indonesia (PPI)	Member	2009 - present
Masyarakat Ahli Penginderaan Jauh Indonesia (MAPIN)	Member	2019 - present
Underdrone Indonesia	Member	2020 - present
Federasi Aero Sport Indonesia (FASI)	Member	2020 - present
Perhimpunan Ahli Pertambangan Indonesia (PERHAPI)	Member	2021 - present
Ikatan Ahli Geologi Indonesia (IAGI)	Member	2022 - present
OJS Geosapta	Editor	2022 - present

## Speaker of the Conference / Seminar / Workshop / Course

Events	Host Institution	Year
Training in Basic Geographic Information Systems (GIS) and Remote Sensing	Natural Resources Mapping, Kepanjen, Malang	July 2017
Intensive Training Course on Geothermal Science and Technology	Kyoto University, Japan	September 2017
Training on Acquisition and Processing of Aerial Photographs using Unmanned Aerial Vehicle (UAV) for Mapping	PT. Sarana Geospasial Terpadu, Cibubur	February 2018
Writing Publication Training for Peer-Reviewed Journals	Institute Technology of Bandung	April 2018
As a Speaker on 15th International Symposium on Mineral Exploration (ISME XV) conference	Kyoto University, Kyoto, Japan	November 26th - 28th, 2018
As a Poster Participant of the International Symposium on Earth Science and Technology (CINEST)	Kyushu University, Fukuoka, Japan	November 29th - 31th, 2018
Basic Level Training of Mapping using Drone Technology	Papua Mapping Center	April, 23rd - 25th, 2020
Online Training become Digital Educator at Covid-19 Era	Virtual Coordinator Indonesia Community	April, 20th - 30th, 2020
Advance Level I Training of Mapping using Drone Technology	Papua Mapping Center	May, 4th - 8th, 2020
Advance Level II Training of Mapping using Drone Technology	Papua Mapping Center	May, 11th - 21th, 2020
Online Geographic Information System (GIS) Basic Workshop	Mapperindo and Sharing Komunal	May, 10th - 12th, 2020 and May, 15th - 23rd, 2020
Pekerja Peledakan Pertama pada Kegiatan Pertambangan Minerba	PPSDM Geominerba	May 18th - 20th, 2020
Bimbingan Teknis Pemodelan Harga dan Valuasi Proyek Pertambangan	PPSDM Geominerba	July, 20th - 22nd, 2020
Diklat Pengusahaan Batu Mulia dan Batu Hias	PPSDM Geominerba	August, 10th - 14th, 2020
Basic Remote Pilot Certification	Federasi Aero Sport Indonesia (FASI)	October 2020
JOGMEC Traning	PPSDM Geominerba & Mitsui	November, 2020

	Matsushima Resources CO., LTD.	
Surface Geological Modelling using GIS Software	Duniatambang.co.id	February, 2021
Mining Hydrological Modelling using ArcGIS	ESRI Indonesia	February, 11th-12th 2022
Mine Acid Water Management	Bawahtanah.co.id	June, 6th 2022
Zootero 6 Training	Teman Acara	April, 21th 2022
CCUS and its Implication for Mining Industry	Bawahtanah.co.id	July, 18th 2022
Pelatihan Penyusunan Evaluasi Pembelajaran Ranah Kognitif, Afektif, dan Psikomotorik	LP3 ULM	June, 21th 2022
BIMTEK Penyusunan Instrumen Dokumen Kurikulum	LP3 ULM	September, 26th 2022