



# Ridha Sidi Mulyawan

+62 851 561 55 030 | [ridha.mulyawan@gmail.com](mailto:ridha.mulyawan@gmail.com)

Jl. Narogong Cantik 13 D159/2 17115, Kota Bekasi

Website: [ridhasidi.github.io](https://ridhasidi.github.io)

## Work Experience

### Geologist/Geoengineer PT Karya Prima Cipta Utama

2020-2021

- Produce slope and geological map on project area using remote sensing and direct measurements of geological structures and lithology.
- Produce a lithological log of cutting from each segment of the tunnel.

### Research Assistant Geothermal Research Centre (GRC), Faculty of Engineering, Universitas Gadjah Mada

2015-2018

- Analyse wells cutting using X-Ray Diffraction from several geothermal fields in Indonesia.
- Identify of the permeability in Candradimuka Area, Dieng Geothermal Field, Central Java using remote sensing, direct measurement of geological structures and geothermal features on the field, and re-interpretation of geophysical data (gravity anomaly and magnetotellurics).
- Facilitate geothermal workshops, meetings, and discussions with local community, local government, and academics within NZAID-CaRED Programme scheme.
- Create a geothermal-themed website for North Sulawesi: [panasbumi.sulutprov.go.id](https://panasbumi.sulutprov.go.id) (currently inactive) in cooperation with North Sulawesi Provincial Government in August 2017.

## Education

### Sarjana Teknik (BAI) in Geological Engineering Universitas Gadjah Mada, Yogyakarta

May 2016  
GPA: 3.26

Coursework: Remote Sensing and GIS, Risk Management and Disaster Mitigation, Tectonics, Volcanology, Structural Geology

## Courses

### Courses towards MSc in *Science de la Terre et des Planètes, Environnement* Université Grenoble-Alpes, France

2018-2020

Coursework: GIS, Numerical Analysis, Seismology, Geomechanics, Induced Seismicity, Subsurface Modelling

### Coursera

- Python for Everybody Specialization by University of Michigan
- Web Design for Everybody: Basics of Web Development & Coding by University of Michigan
- Web Applications for Everybody by University of Michigan
- Geographic Information Systems (GIS) Specialization by University of California, Davis
- Geographical Information Systems by École Polytechnique Fédérale de Lausanne

## Skills

**Technology** ArcGIS, QGIS, HTML, CSS, PHP, Javascript, Python, GEE, MATLAB, Octave

**Languages** Indonesian, English (IELTS: 7.0 in 2017), French (DELFB2 in 2017), Spanish