



RADHA SALSANA S.T

GEOSCIENTIST

PROFILE

I am a geoscientist studying geophysical engineering at Syiah Kuala University and have focus with Geo-Hazards and competence in seismic interpretation, earthquake analysis, use of GPS and GIS for surveys and mapping. I also speak Japanese and English

AREA OF EXPERTS

- Field Survey and data Acquisition
- Mapping and Using GPS
- Determination of disaster evacuation routes
- Interpretation of Earthquake by Coulomb Stress method in Matlab

ORGANIZATION EXPERIENCE

- Head of Children and Education Division of Kougetsu School Association (2018 - 2019)
- President of Natural Disaster Ranger (2020 - Present)

PROFESSIONAL SKILLS

- GIS (Arcgis & QGis)
- Matlab
- Surfer
- Google Earth
- Photoshop
- English
- Japanese
- Filmora
- Ms. Word & Excel
- Adobe Illustrator

REFERENCE

- Dr. rer.nat, Muksin Umar, M.Si, M. Phil Associate Professor
Tsunami and Disaster Mitigation Research Center
Universitas Syiah Kuala
muksin.umar@tdmrc.org

WORK EXPERIENCE

Internship and Thesis at the Banda Aceh Geophysical Meteorology Agency

BMKG | Jul 2019 - Feb 2021

- Analyze and determine the epicenter
- Seismic parameter analysis of Sumatra fault system
- Analysis of the change in coulomb stress that triggers the earthquake
- Microtremor Survey to Identify Seismic Vulnerability Around Aceh Barat Using HVSR Analysis

Geophysical Engineering Department Field Assistant

Universitas Syiah Kuala | Nov 2019 - Dec 2019

- Conduct surveys and determine the location of the field camp
- Determining the Line of measurement for the gravity method
- Teach the participants to carry out the acquisition, processing and interpretation of the Gravity Method and guide them for implementation in the field.

VOLUNTEER EXPERIENCE

DANGER Goes To Breueh Island (Project Manager)

Natural Disaster Ranger | 14 Feb - 18 Feb 2021

- Analyze and determine of Tsunami Evacuation routes
- Socialization and simulation of earthquake and tsunami disaster in elementary school

Disaster Resilience Festival in Banda Aceh (Event Chairman)

Natural Disaster Ranger | 2 October - 18 Dec 2021

- Strengthening volunteer capacity for Disaster risk resilience.
- Socialization SMART-Based Sustainable program and simulation of earthquake and tsunami disaster in several High School in Banda Aceh.
- Natural Disaster Public Seminar

- Desi Safura S.Pd
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CONTACT ME

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PREVIOUS EDUCATION

Universitas Syiah Kuala

Bachelor of Geophysical Engineering Graduated on 2021

- GPA 3.34/4
- Thesis Title: Analysis of colomb stress changes in the Lombok earthquake 2018

Kougestu School

Japanese Class, Graduated on 2016

- Kogestu School Student Exchange Recipient to Japan 2018
- Japanese Language Teacher at Kougetsu School (2018)