

Sherly Meiwa, ST., MT

Geotechnical Engineer & Lecturer

Bandung, West Java, Indonesia | meiwasherlycivil@gmail.com



PROFESSIONAL SUMMARY

Geotechnical Engineer with Ahli Geoteknik Madya (G1) certification. Specializing in soil-structure interaction, foundation design, and geotechnical analysis. Currently working at PT LAPI ITB and teaching at Universitas Komputer Indonesia (UNIKOM).

PROFESSIONAL EXPERIENCE

Geotechnical Engineer

Jan 2021 - Present

PT LAPI ITB, Indonesia

Geotechnical Engineer performing design and analysis for various projects including mining construction and infrastructure development.

- Performing geotechnical design and analysis for various projects
- Conducting soil investigation and foundation design
- Providing expert consultation on geotechnical engineering

Lecturer

Jan 2019 - Dec 2021

Universitas Komputer Indonesia (UNIKOM), Bandung, Indonesia

Teaching geotechnical courses in Civil Engineering department, sharing industry experience with students.

- Teaching geotechnical engineering courses
- Developing curriculum for civil engineering program
- Mentoring students in geotechnical design projects

Team Leader & Geotechnical Expert

Jan 2021 - Dec 2024

PT BAHARI JAYA SEJAHTERA, Indonesia

Led detailed engineering design for port infrastructure projects in Papua and Maluku provinces.

- Team Leader for Detailed Engineering Design of Depapre Port, Papua Province (2022-2024)
- Team Leader for Detailed Engineering Design of Lerokis Port, Maluku Province (2021-2022)
- Provided geotechnical expertise for port infrastructure projects

Geotechnical Engineer

Jan 2019 - Jan 2021

PT LAPI ITB, Bandung, Indonesia

Geotechnical Engineer performing design and analysis for various projects including mining construction.

- Performed design and analysis for mining construction projects
- Conducted geotechnical investigations and analysis
- Developed foundation design recommendations

Head of Soil Mechanics Laboratory

Jan 2017 - Jan 2019

PT ZIFA ENGINEERING, Indonesia

Responsible for supervision, inspection, and soil mechanics test results in the laboratory.

- Led laboratory operations and testing procedures
- Supervised soil mechanics testing and quality control
- Managed laboratory team and ensured test accuracy

EDUCATION

Master of Engineering in Civil Engineering - Geotechnical Engineering

Aug 2015 - Dec 2018

Institut Teknologi Bandung (ITB), Bandung, Indonesia

GPA: 3.25/4

- Thesis on soil-structure interaction in piled raft foundation systems under dynamic loads
- Conducted advanced research in geotechnical engineering

Bachelor of Engineering in Civil Engineering

Aug 2010 - Jul 2015

Institut Teknologi Nasional (ITENAS), Bandung, Indonesia

GPA: 3.54/4

- Final thesis on soil improvement methods using Vertical drain (PWD)
- Graduated with good academic standing

CERTIFICATIONS

Ahli Geoteknik Madya (G1)

HATTI (Indonesian Soil Engineering Association) - LPJK | Jan 2018 - Jan 2028

TECHNICAL SKILLS

Geotechnical Engineering: Pile Design, PLAXIS 2D, Dynamic Analysis, ABAQUS 3D

Laboratory & Testing: Laboratory Testing

Infrastructure Design: Port Infrastructure, Soil Improvement

Professional Skills: Project Leadership, Teaching & Training, Certified Professional

PROJECTS

Detailed Engineering Design of Depapre Port

Complete detailed engineering design for port infrastructure in Papua Province.

Technologies: Geotechnical Design, Port Engineering, Foundation Design

Detailed Engineering Design of Lerokis Port

Complete detailed engineering design for port infrastructure in Maluku Province.

Technologies: Geotechnical Design, Port Engineering, Foundation Design