

# ADINDA DWI HUMAIRA

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As a dedicated GIS graduate passionate about spatial analysis and geospatial technologies, I am committed to leveraging data to uncover insights and support informed decision-making. With hands-on experience in GIS software such as ArcGIS, QGIS, and Google Earth Engine, I excel at solving complex spatial problems and presenting data in meaningful ways.

## EDUCATION

### Universitas Gadjah Mada

2021 - 2025

*Applied Bachelor in Geographic Information System, 3.69/4.00*

- Final Project: Implementation of Deep Learning Technology for Monitoring Legume Cover Crop (LCC) Growth in Oil Palm Plantations using Aerial Imagery (Case Study: PT Mustika Sembuluh I Plantation)

## INTERNSHIP EXPERIENCE

### Wilmar Group Indonesia

Sep 2024 – Feb 2025

*Geographic Information System (GIS) Operator*

- Managed and updated spatial data for plantation mapping and the company's operational areas. Performed validation and correction of geographic data to ensure spatial information accuracy and consistency.
- Integrated various spatial data sources (GPS, satellite imagery, survey data) to support sustainability analysis and land-use planning.

### PT Midi Utama Indonesia TBK

Feb 2024 – Jun 2024

*Location Data & Information Management Specialist*

- Developed a digital application to digitize the store location survey process, significantly enhancing efficiency, accuracy, and real-time data tracking.
- Integrated spatial data with demographic and market data to assist the management team in strategic decision-making. Created GIS-based dashboards and location reports for internal presentations and insights.

## PROJECTS

### GIS Fieldwork

Jun 2022 - Jul 2022 & Jun 2023 – Jul 2023

*Head of Group*

- In Fieldwork I (2022):
  - Pioneered and led a team of 10 in fieldwork I (2022) to prepare spatial data to be visualized in the form of topographic map and statistical map compiled in a map in a map album for Bantul Sub-District area.
- In Fieldwork II (2023):
  - Headed a team of 5 in fieldwork II (2023) to retrieve spatial data directly in Ngaliyan Gunung A (a village in Kulon Progo, DIY).
  - Captured aerial photographs of survey areas with DJI Phantom 4 and DJI Mavic 2 Pro Enterprise, demonstrating expertise in planning, equipment operation, and image post-processing.

## ORGANIZATIONAL & EVENT EXPERIENCES

### RADARGIS

Sep 2023 – Sep 2024

*Research and Development*

Space for learning and developing knowledge and skills in Remote Sensing and Geographic Information Systems for the SIGUGM community.

- Conducted research and exploration of new geospatial technologies and tools to support the organization's knowledge base and project initiatives.
- Initiated and led small-scale geospatial projects involving spatial analysis, remote sensing, and mapping applications.

### Kompetisi Pemanfaatan dan Uji Aplikasi PetaKita by Badan Informasi Geospasial

Jul 2023 - Sep 2023

*Judges*

- Assessed the suitability of geospatial data submitted by 25 teams in the competition based on predetermined parameters.

## SKILLS, INTERESTS & LANGUAGES

- Hard Skills:** Map Making, Spatial Data Processing & Analysis (ArcGIS Desktop & Pro, ENVI, QGIS, PCI Geomatics, Agisoft, Global Mapper Pro), Survey & Fieldworking, Database Management (PostGIS, PostgreSQL, MySQL), Aerial Photography, Google Environment (Looker Studio, App Sheet, Apps Script, Sheets, Earth Pro, Sites, Data Studio), Data Science & Analysis (Python, SQL, R, Tableau Public, Power BI), Apps & Website Development (JavaScript, HTML & CSS, PHP, Digital Studio), Graphic Design (Canva)
- Soft Skills:** Problem Solving, Teamwork, Management, Critical Thinking, Adaptability, Attention to Detail, Ability to Learn Fast.
- Interest:** Remote Sensing, Oil and Energy, Mining, Supply Chain, Environmental Hazard Monitoring & Assessment, GEOAI, Data Analysis, Internet of Things (IoT), Urban Planning & Development, GIS Programming, Spatial Analysis, Geospatial Technology.
- Language:** Indonesian [Native], English [Professional Working Proficiency]