



STEVAUS NALENDRA JATI

Principal Geology Consultant

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PROFILE

Stevanus Nalendra Jati is a highly accomplished geologist with a focus on geospatial data analysis, river hydraulics, and geomorphology studies. Currently, his primary interest lies in creating a WebGIS-based big data repository for Tiga Danau Mahakam, designed to support disaster management and energy resource exploration near the IKN (Nusantara Capital City). Stevanus is adept at utilizing open-access data and non-commercial software, such as QGIS and HEC-RAS, for his projects. He also contributes to academia, consulting, and research repositories.

EXPERTISE

- Big Data & WebGIS: Development of geospatial repositories for disaster and energy management.
- Hydraulics & Morphometry: Analysis of river systems and morphometric variability.
- Coal & Geothermal Exploration: Geological modeling and resource assessment.
- Non-Commercial Tools: Proficient in QGIS, HEC-RAS, and Google Earth Engine.
- Geospatial Analysis: Advanced techniques for mapping and data integration.
- Education & Training: Conducting workshops on GIS and geological research.

EDUCATION

Doctorate	Geospatial Engineering, Institut Teknologi Bandung	2021–Present
Master's Degree	Geological Engineering, UPN "Veteran" Yogyakarta	2012–2014
Bachelor's Degree	Geological Engineering, UPN "Veteran" Yogyakarta	2007–2011

CERTIFICATE & LICENSE

- Certified Geospatial Analyst (non-commercial platforms).
- Technical Trainer: GIS and Hydraulic Simulation Tools.
- Principal Consultant: Exploration and feasibility studies for mining projects.

CAREER SUMMARY

Researcher (IKN Nusantara)
Principal Consultant (CV Sriwirdipa Neogen Energi)
Lecturer (Universitas Sriwijaya)
Technical Advisor (PT Geosriwijaya Nusantara)