



CURRIULUM VITAE

PERSONAL DATA

Name : **Adree Octova, S.Si, MT**
Place/ Birth of Date : Pakandangan / October 28th, 1986
Office Address : Departement of Mining Engineering
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EDUCATION BACKGROUND

2009 - 2011 Master of Geophysical Engineering, Institut Teknologi Bandung
2004 - 2008 Bachelor of Physics, Universitas Negeri Padang

WORKING EXPERIENCE

1. 2012 - now : Lecturer in Mining Engineering, Universitas Negeri Padang
2. 2012 : Geophysicist in PT. Andalas Petroleum Service (passive seismic)
3. 2010 - 2012 : Geophysicist in LPPM ITB (passive seismics and resistivity)

SPECIALITY

Geophysical exploration, seismic, resistivity, geostatistics for Resources Modeling

PUBLICATION

- a. Thesis
 1. Iron Sand Mapping in Durian Kapeh Area Using Geoelectrical Resistivity Method with Wenner Array, Final Project (2004), Universitas Negeri Padang
 2. Implementation of Crosshole Seismic Travel Time Tomography for Predicting Near-surface Geological Structure During the Development of SMART Tunnel in Kuala Lumpur – Malaysia, Thesis (2011), Institut Teknologi Bandung

b. Articles

1. **A. Octova** (2014), Reconstruction of 2D Synthetic Crosshole Seismic Travel Time Tomography Models with Finite Difference Method.
2. R. Taufikurrahman, D. Yulhendra, **A. Octova** (2015) Comparison of Coal Resource Estimates Using the Ordinary Kriging and Cross Section Method at PT. Nan Riag Jambi
3. **A. Octova**, D. Yulhendra (2016), Rock Structure Mapping in Durian Kapeh Regency
4. H. Prabowo, D. Yulhendra, **A. Octova** (2016), Environmental arrangement in Air Dingin Landfill Padang City with Identifying of Leachate Accumulations using Geoelectrical Resistivity Method with Wenner Array.
5. **A. Octova**, D. Yulhendra (2017), Iron Ore Deposits Model Using Geoelectrical Resistivity Method with Dipole-dipole Array.
6. **A. Octova** (2017), Modeling of Crosshole Seismic Tomography with Least Square Inversion.
7. Y. M. Anaperta, **A. Octova**, F. Rifwan (2017), Investigation of Leachate Accumulation and Seepage Direction Using Wenner-Schlumberger Array in Ampang Kualo Solok .
8. **A. Octova**, R. Sule (2018), Seismic Travel Time Tomography In Modeling Low Velocity Anomalies Between The Boreholes.
9. **A. Octova**, A. Ansosry, Y. M. Anaperta, I. E. Mukhlisah (2017) The Prospect Of Iron Sand In Tiram Beach Padang Pariaman Regency West Sumatera
10. A. Ansosry, D. Yulhendra, **A. Octova** (2017) Study modeling management of mining in Solok District West Sumatera
11. D. Yulhendra, **A. Octova** (2017) The effect of total resistance and speed to fuel consumption of dump truck hd 465-7 in Coal mining
12. F. A. Sofyan, **A. Octova**, Y. M. Anaperta (2018) Identification of Groundwater Existence Using Geoelectrical Resistivity Method with Schlumberger Array in Pandawa Area, Jorong Tarok, 2x11 Kayu Tanam District
13. M. Putri, **A. Octova**, D. Yulhendra (2018) Blasting Geometry Optimization to Achieve Fragmentation and Digability of Ore Productivity Targets in Durian Barat and South Osela PIT Bakan Site PT. J Resource Bolaang Mangondow North Sulawesi
14. F. Yurnia, **A. Octova**, M. Gusman (2018) Insitu Reserve Estimation Through Inpit Drill Activities at Bukit Everest, Cherokee, and Strada at PT. Antam (Persero) Tbk, UBPN Southeast Sulawesi
15. R. R. Putra, **A. Octova**, M. Gusman (2018) Aquifer Modeling from Resistivity Measurement Results Case Study of Padang City
16. D. A. Fitri, **A. Octova**, Y. M. Anaperta (2018) Zoning of Seismic Vulnerability Index in Post-Mining Areas at PT. Bukit Asa, (Persero) Tbk, Ombilin Sawahlunto Mining Unit
17. Sari, R. P., Murad, M., & **A. Octova**. (2018). Statistical Analysis To Increase Optimal Time From Losses in Meeting Coal Mining Production in the Eastern Pit Area of PT. Artamulia Tatapatama. *Bina Tambang*, 3(3), 943-952.
18. Maharza, C., & **A. Octova**. (2018). Coal Resource Estimation Using Cross Section Method at Pit 2 PT. Tambi Bukit Mine. Site of Padang Kelapo. District Muaro Sebo Ulu. Kab. Batanghari. Jambi Province. *Bina Tambang*, 3(4), 1793-1803.
19. Bryanco, B., Yulhendra, D., & **A. Octova**. (2018). Coal Resource Estimation Using Cross-Section and Geostatistics Method in East Block DDU Area Cuka River Site, Kintap District, Tanah Laut Regency, Kalimantan South Province. *Bina Tambang*, 3(4), 1703-1713.
20. Halimah, H., & **A. Octova**. (2018). Analisis Ground Vibration Untuk Mendesain Lereng Yang Stabil Pada Penambangan Batu Gamping Cv Tekad Jaya Halaban Kabupaten 50 Kota Sumatera Barat. *Bina Tambang*, 3(4), 1784-1792.
21. **A. Octova**., Muji, A. S., Raeis, M., & Putra, R. R. (2019, April). Identification of Aquifer using Geoelectrical Resistivity Method with Schlumberger Array in Koto Panjang Area, Nagari Tigo Jangko, Lintau Buo Sub-District, Tanah Datar Regency. In *Journal of Physics: Conference Series* (Vol. 1185, No. 1, p. 012009). IOP Publishing.
22. Putra, A. E., **A. Octova** (2019). Estimasi Sumberdaya Batubara Seam C1 Menggunakan Metode Ordinary Kriging Pada Pit Central Timur PT. Allied Indo Coal Jaya Sawahlunto. *Bina Tambang*, 4(3), 165-174.
23. Ikhsan, D. N., & **A. Octova**. (2019). Estimasi Sumberdaya Batubara Dengan Menggunakan Metode Ordinary Kriging Pada Pit X Di PT Selamat Jaya Job Site Puteri Hijau Kecamatan Puteri Hijau Kabupaten Bengkulu Utara Provinsi Bengkulu. *Bina Tambang*, 4(3), 119-132.
24. Afif, R. M., & **A. Octova**. (2019). Estimasi Sumberdaya Bijih Besi Menggunakan Metode Ordinary Kriging di PT. Gamindra Mitra Kesuma, Kec. Sungai Beremas, Kab. Pasaman Barat, Sumatera Barat. *Bina Tambang*, 4(3), 368-378.
25. **A. Octova**, & Indra, R. T. (2019). Analisis Konsumsi Bahan Bakar Dump Truck Nissan UD CWM 330 Pada Penambangan Batubara di PT. Nan Riag. *INVOTEK: Jurnal Inovasi Vokasional dan Teknologi*, 19(2), 103-114.
26. Anaperta, Y. M., **A. Octova**, Maiyudi, R., & Feldi, D. Y. (2019, November). Remote sensing application to monitoring mine landuse changing in limestone/dolomite. In *Journal of Physics: Conference Series* (Vol. 1387, No. 1, p. 012101). IOP Publishing.

27. **A. Octova**, Gusman, M., Anaperta, Y. M., & Ramadhan, F. R. (2019, November). Analysis of The Season Effect on The Shallow Ground Water Parameters using Multivariate Statistics. In *Journal of Physics: Conference Series* (Vol. 1387, No. 1, p. 012083). IOP Publishing.
28. Maharani, E., & **A. Octova**. (2019). Optimalisasi Pengumpanan Crusher dan Analisis Regresi Multivariat Terhadap Waktu Kerja Untuk Meminimalisir Losstime Agar Tercapai Target Produksi 300.000 Ton pada Penambangan Batu Granit Di PT. Trimegah Perkasa Utama. *Bina Tambang*, 4(4), 90-102.
29. Gusman, M., **A. Octova**, Anaperta, Y. M., Muchtar, B., Syah, N., & Hermon, D. (2020). Groundwater table and salinity zone mapping in the coastal areas of Padang. *International Journal of Innovative Science, Engineering & Technology*, 7, 21-27.
30. **A. Octova**, Gusman, M., Razi, P., Putra, R. R., & Putra, A. E. (2020, March). Modeling of aquifer using vertical electrical sounding data with kriging interpolation in Padang City. In *Journal of Physics: Conference Series* (Vol. 1481, No. 1, p. 012008). IOP Publishing.
31. Razi, P., Sumantyo, J. T. S., Ali, S., Aminuddin, J., Kurniawan, F., Putra, R. R., & **A. Octova**. (2021, April). 3D modelling using structure from motion technique for land observation in Kelok 9 flyover. In *Journal of Physics: Conference Series* (Vol. 1876, No. 1, p. 012026). IOP Publishing.