

## DAFTAR PUSTAKA

- Annan, P. *Ground Penetrating Radar Principles, Procedures and Applications*. Sensors and software, 2003.
- Arief, Muhammad dan Lena, Sumargana. “Penggunaan Metode *Ground Penetrating Radar (GPR)* Untuk Identifikasi Utilitas Bawah Tanah.” *PRISMA FISIKA*, vol. 9 no. 3, 2021, pp. 244 – 248.
- Ariska, N. P., & Arseno, D. “Analisis Eksperimen Deteksi Struktur Rongga Di Bawah Permukaan Tanah Dengan *GPR*.” *Jurnal TEKTRIKA*, vol. 6 no. 1, 2021, pp. 21-27.
- Butler, D. K. *Near Surface Geophysics*. Society of Exploration Geophysics, 2005.
- Cameron, N. R., et al. *The Geology Of The Medan Quadrangle, Sumatera*. Departemen Pertambangan dan Energy, Dirjen Pertambangan Umum, Puslibang Geologi, 1982.
- D. J. Daniels, Ed. *Ground Penetrating Radar*. Institution of Engineering and Technology, 2004.
- Davis, J. L., & ANNAN, A. P. “Ground-Penetrating Radar For High-Resolution Mapping Of Soil And Rock Stratigraphy”. *Geophysical prospecting*, vol. 37 no.5, 1989, pp. 531-551.
- Dobрева, I. D., et al. (2021). “Thresholding Analysis And Feature Extraction From 3d *Ground Penetrating Radar* Data For Noninvasive Assessment Of Peanut Yield”. *Remote Sensing*, vol. 13 no.10, 2021, pp. 1896.
- GSSI. *GSSI Handbook For Radar Inspection Of Concrete*. Geophysical survey System, Inc, 2017.
- Walker, Jearl., et al. *Fundamentals of Physics Extended, 10<sup>th</sup> Edition*. Cleveland State University, 2013.
- Jannah, A. N., et al. “Identifikasi Kemenerusan Pipa Air Bawah Permukaan Menggunakan Metode *Ground Penetrating Radar (GPR)*”. *Jurnal Geosaintek*, vol. 10 no.1, 2024, pp. 22-29.
- Jol H. M. *Ground Penetrating Radar : Theory And Applications (1st ed.)*. Elsevier Science, 2009.
- Kong, Jin Au. *Electromagnetic Wave Theory*. EMW Publishing, 2008.
- Lalague, Anne. *Use Of Ground Penetrating Radar For Transportation Infrastructure Maintenance*. PhD thesis, *Norwegian University of Science and Technology*, 2015.
- Luga, A. L., et al. “Identifikasi Pipa Metal Bawah Permukaan Menggunakan Metode *Ground Penetrating Radar (GPR)*”. *PRISMA FISIKA*, vol. 7 no. 1, 2019, pp. 20-29.

- Mala Geosciences. *Antenna 250 Mhz For Ground Penetrating Radar Investigation*. User Manual, 2003.
- Martel, Cedric. *Modelling And Design Of Antennas For Ground Penetrating Radar Systems*. Disertasi Doktor pada University of Surrey, 2002.
- Sekretariat Direktorat Jendral. (2023). “Konstruksi Indonesia 2023: Mewujudkan Pembangunan Infrastruktur Berkelanjutan Di Indonesia Melalui Transformasi Digital Dan Teknologi Konstruksi”. *PU-NET*, Kementerian PUPR, 15 Juni 2023, [Konstruksi Indonesia 2023: Mewujudkan Pembangunan Infrastruktur Berkelanjutan Di Indonesia Melalui Transformasi Digital Dan Teknologi Konstruksi - Direktorat Jenderal Bina Konstruksi](#). Diakses 30 Januari 2024.
- Reynolds, J.MF. *An Introduction To Applied And Environmental Geophysics*, Willey, 1997.
- Shihab, S., & Al-Nuamimy, W. *Radius Estimation For Subsurface Cylindrical Objects Detected By Ground Penetrating Radar*. 10th International Conference on Ground Penetrating Radar, 2004.
- Timor, A. R., et al. “Analisis Gelombang Elektromagnetik Dan Seismik Yang Ditimbulkan Oleh Gejala Gempa”. *Jurnal Nasional Teknik Elektro*, vol. 5 no. 3, 2016, pp. 315-324.
- Tomecka-Suchoń, S., et al. “Application Of *Gpr* And Seismic Methods For Noninvasive Examination Of Glacial And Postglacial Sediments In The Psia Trawka Glade: The Tatra Mts., Poland”. *Acta Geophys*, vol. 67, 2019, pp. 1777–1789.
- Utsi, E. C. *Ground Penetrating Radar: Theory and Practice*. Butterworth Heinemann, 2017.
- Webster, J.G., & Eren, H. *Measurement, Instrumentation, And Sensors Handbook: Two-Volume Set (2nd ed.)*. CRC Press, 2014.
- Wijaya, Agoeng. “Pipa Gas Meledak, Lalu Lintas Sudirman Dialihkan.” *Tempo.co*, 17 Juli 2014. [Pipa Gas Meledak, Lalu Lintas Sudirman Dialihkan - Metro Tempo.co](#) Diakses 15 Oktober 2024.