

## DAFTAR PUSTAKA

- Abdou, A. S., 2015, 'TEM and MT Resistivity Surveying: Data Acquisition, Processing and 1D Inversion with an Example from Hagongur Geothermal Field, Mid-Iceland', *UNU-GTP*, Reykjavik.
- Abrams, M. A., 2002, 'Significance of hydrocarbon seepage relative to subsurface petroleum generation and entrapment', *American Association of Petroleum Geologist Convention Abstracts*, Houston.
- Abrams, M. A., 2005, 'Significance of Hydrocarbon Seepage Relative to Petroleum Generation and Entrapment', *Jurnal of Marine and Petroleum Geology*, vol. 22, pp. 457–77.
- Adewuyi, S. O. and Ahmed, H. A. M., 2019, 'Geophysical Techniques and Their Applications in Mining', *International Journal of Engineering Sciences & Research Technology*, no. 1, vol. 8, pp. 231–39.
- Al-Qaryouti, M. Y., and Al-Tarazi, E.A., 2007, 'Local Site Effects Estimated from Ambient Vibration Measurements at Aqaba City, Jordan', *Journal of Earthquake Engineering*, vol. 2469, no. May 2007, pp. 1–12.
- Aminzadeh, F., Berge, T. B., Connolly, D. L., 2013, *Hydrocarbon Seepage: From Source to Surface*, Society of Exploration Geophysicists, Tulsa.
- Angelier, J., 1994, 'Fault slip analysis and Palaeostress reconstruction', In P. L. Hancock (Ed.), *Continental Deformation*, Oxford: Pergamon Press, pp. 53-100.
- Badan Standarisasi Nasional, 2012, *Tata cara Perencanaan Ketahanan Gempa untuk Struktur Bangunan gedung dan Non-Gedung*, Departemen Pekerjaan Umum. SNI-1726:2012.
- Burger, H. R., 1992, *Exploration geophysics of the Shallow Subsurface*, Prentice Hall P.T.R.
- Condon, W. H., Pardyanto, L., Ketner, K. B., Amin, T. C., Gafoer, S., and Samoedra, H., 1996, *Peta Geologi Lembar Banjarnegara-Pekalongan, Jawa*, Pusat Penelitiann dan Pengembangan Geologi (P3G), Departemen Pertambangan dan Energi, 1408-4, 1409-1, Bandung.
- Dewi, E. Y., 2018, 'Interpretasi Bawah Permukaan Area Manifestasi Air Panas Sangubanyu dengan Metode Magnetik', *Skripsi*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Diponegoro, Semarang.
- Fatma, Yuliyanto, G., Harmoko, U., 2019, 'Identify the oil seepage in Plantungan geothermal manifestation, Kendal using HVSR method', *Conference of ICENIS 2019*, Semarang.
- Fossen, H., 2010, *Structural Geology*, Cambridge University Press, Cambridge.
- Hamada, G. M., 2004, 'Reservoir fluids identification using V p/V s ratio'. *Journal of Oil and Gas Sciense and Technology*, vol. 59, no. 6, pp. 649–54.
- Harmoko, U., Yuliyanto, G., Ekasara, A. R., Herlambang, Y. D., 2019, 'Subsurface structure investigation of Sangubanyu geothermal', *Journal of Physics: Conference Series Paper*, doi:10.1088/1742-6596/1217/1/012040.
- Hanifah, U., 2018, 'Interpretasi Struktur Bawah Permukaan di Area Panas Bumi Pesanggrahan, Sangubanyu Menggunakan Metode Geolistrik Konfigurasi

- Schlumberger, *Skripsi*. Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Diponegoro, Semarang.
- Hidayat, R., and Fatimah, 2007, 'Inventarisasi kandungan minyak dalam batuan daerah Kedungjati, Kabupaten Semarang, Provinsi Jawa Tengah', *Proceeding Pemaparan Hasil Kegiatan Lapangan dan Non Lapangan Tahun 2007*, Pusat Sumber Daya Geologi.
- <http://www.geopsy.org/>, diakses tanggal 10 Juli 2019.
- Kennicutt II, M. C., 2017, *Oil and gas seeps in the Gulf of Mexico*, C Herb Ward, *Habitats and Biota of the Gulf of Mexico: Before the Deepwater Horizon Oil Spill*, 1st ed., Springer Nature, pp. 275–358, doi:10.1007/978-1-4939-3447-8.
- Klemme, H. D., 1972, 'Heat influences size of oil giants-geothermal gradients', *The Oil and Gas Journal.*, July 17, p. 136-144.
- Koesoemadinata, R. P., 1980, *Geologi Minyak Dan Gas Bumi*, Jilid I, Ed. kedua Institut Teknologi Bandung, Bandung
- Koesoemadinata, R. P., 1980, *Geologi Minyak dan Gas Bumi*, Jilid II, Ed. Kedua, Institut Teknologi Bandung, Bandung.
- Koesuma, S., Pratiwi, S., Legowo, B., 2018, 'Penentuan ketebalan sedimen menggunakan metode mikrotremor di Kota Surakarta', vol. 2, no. 1, pp. 25–28.
- Levorsen, A. I., 1958, *Geology of Petroleum*, 2nd ed., W. H Freeman and Company, San Fransisco.
- Link, W.K., 1952, 'Significance of oil and gas seeps in world oil exploration', *Am. Assoc. Petroleum Geol. Bull.*, vol. 36, no. 8, p. 1505-1547.
- Masabanda, B. F. P., 2016, 'A 3D model of the Chachimbiro geothermal system in Ecuador using PETREL', *UNU-GTP*, Reykjavik.
- Mirzaoglu, M., and Dýkmen, Ü., 2003, 'Application of microtremors to seismic microzoning Procedure', *Journal of the Balkan Geophysical Society*, vol. 6, no. 3, pp. 143–56.
- Nakamura, Y., 1989, *A Method for Dynamic Characteristics Estimation of Subsurface Using Microtremor on the Ground Surface*. Quarterly Report of the Railway Technical Research Institute.
- Nakamura, Y., 2000, 'Clear identification of fundamental idea of Nakamura's technique and its application', *Proceedings of the 12th World Conference on Earthquake Engineering*.
- Okada, H., 2003, *The Microtremor Survey Method*, David V. Fitterman, *Geophysical Monograph Series*, 12th ed., (translated by Koya Suto), Society of Exploration Geophysicists, Tulsa.
- Pameco, P. A., and Amijaya, D. H., 2015, 'Pengaruh struktur geologi terhadap munculnya rembesan minyak dan gas di daerah Boto, Kecamatan Bancak, Kabupaten Semarang, Provinsi Jawa Tengah', *Seminar Nasional Kebumihan Ke-8, Academia-Industry Linkage*, vol. 8, pp. 562–69.
- Pusat Data dan Teknologi Informasi ESDM, 2017, *Kajian Penyediaan dan Pemanfaatan Migas, Batubara, EBT dan Listrik*, Jakarta.
- Sapiie, B., dan Harsolumakso, A. H., 2008, *Prinsip Dasar Geologi Struktur*. Institut Teknologi Bandung. Bandung.

- Satyana, A. H., 2007, 'Central Java, Indonesia – A 'Terra Incognita' in petroleum exploration: new considerations on the tectonic evolution and petroleum implications', *Proceedings, Indonesian Petroleum Association*, pp. IPA07-G-085.
- Satyana, A. H., 2013, 'Gravity tectonics in Indonesia: petroleum implications', *Proceedings, Indonesian Petroleum Association*, pp. IPA13-G-161.
- Satyana, A. H., 2015, 'Subvolcanic hydrocarbon prospectivity of Java: opportunities and challenges', *Proceedings, of Indonesian Petroleum Association*.
- Satyana, A. H., 2015, 'Subvolcanic hydrocarbon prospectivity of Java: opportunities and challenges', *Proceeding, Indonesian Petroleum Association*, vol. 15.
- SESAME Project, 2004, 'Guidelines for the implementation of the H/V spectral ratio technique on ambient vibrations measurements, processing and interpretation, (December)', <https://doi.org/DOI.10.1111/j.1365-246X.2006.03282.x>
- Sitorus, N., Purwanto, S., Utama, W., 2017, 'Analisis nilai frekuensi natural dan amplifikasi desa Olak Alen, Blitar menggunakan metode mikrotremor HVSR', *Jurnal Geosaintek*, vol. 03, no. 02, 2017, pp. 89–92.
- Sudarmawan, D., 2019, 'Pemodelan 3D Area Manifestasi Panas Bumi Sangubanyu, Berdasarkan Data Mikrotremor', *Tesis, Magister Energi, Universitas Diponegoro, Semarang*.
- Sunardi, B., Daryono, Arifin, J., Susilanto, P., Ngadmanto, D., Nurdiyanto, B., Sulastri, 2012, 'Kajian potensi bahaya gempabumi daerah Sumbawa berdasarkan efek tapak lokal', *Jurnal Meteorologi Dan Geofisika*, vol. 13, pp. 131–37, doi:10.31172/jmg.v13i2.127.
- Sungkono, and Santosa, B. J., 2011, 'Karakteristik kurva Horizontal-to-Vertical Spectral Ratio: kajian literatur dan pemodelan', *Jurnal Neutrino*, vol. 4, no. 1, pp. 1–15.
- Teixidó, T., 2012, 'The surface geophysical methods: a useful tool for the engineer', *1st International Symposium on Innovation and Technology in the Phosphate Industry*, vol. 46, no. 1, pp. 89–96, doi:10.1016/j.proeng.2012.09.450.
- Truesdell, A. H., 1971, 'Geochemical evaluation of the Dieng mountains, Central Java', *Production of Geothermal Energy*.
- van Bemmelen, R. W., 1949, *The Geology of Indonesia: General Geology of Indonesia*. Vol. I A, Government Printing Office, The Hague.
- van Bemmelen, R. W., 1970, *The Geology of Indonesia*. Vol. IA General Geology of Indonesia and Adjacent Archipelago, 2nd Edition, Martinus, Nilhoff, The Hague, New York.
- Yuliyanto, G., Harmoko, U., Indriana, R. D., 2018, 'Identification of landslide area in Jabungan village, Banyumanik, Semarang by using mikrotremor method', *International Journal of Recent Trends in Engineering & Research*, vol. 04, no. 05, pp. 129–37, doi:10.23883/IJRTER.2018.4300.ZF6FF.
- Zheng, G., Xu, W., Etiope, G., Ma, X., Liang, S., Fan, Q., Sajjad, W., Li, Y., 2018, 'Hydrocarbon seeps in petroliferous basins in China: a first inventory.' *Journal of Asian Earth Sciences*, vol. 151, pp.269-84, doi:10.1016/j.jseaes.2017.10.037.