

## DAFTAR PUSTAKA

- Asquith,G. dan Gibson,C.1982. *Basic Well Log for Geologists*. The American Association of Petroleum Geologists (AAPG): USA
- Asquith,G. dan Krygowski, D.2004. *Basic Well Log Analysis: Second Edition*. The American Association of Petroleum Geologists (AAPG): Oklahoma.
- Allen, G. P., Chambers, J. L. C., 1998. *Sedimentation in the Modern Miocene Mahakam Delta*, Bulletin Indonesian Petroleum Association, 236.
- Barnes, J., 1991. *Basic Geological Mapping*.2<sup>nd</sup> Edition. John Wiley & Sons, New York, 118p
- Blow, W.H., 1969, *Late Middle Eocene to Recent Planktonic Foraminiferal Biostratigraphy: International Conference Planktonic Microfossils I Proceedings of The First International Conference On Planktonic Microfossils, Geneva 1967*, Proc.Leiden, E.J. Buill. V.1. 422 p.
- Bolli, H.M, J.B. Saunders, & K.Perch - Nielsen, 1985, *Plankton Stratigraphy*, Cambridge University Press, London. 599 p.
- Cahyaningsih, C. (2017). Hydrology Analysis and Rainwater Harversting Effectiveness as an Alternative to Face Water Crisis in Bantan Tua Village Bengkalis District-Riau. *Journal of Dynamics*, 1(1).
- Choanji, T. (2016a). Indikasi Struktur Patahan Berdasarkan Data Citra Satelit dan Digital Elevation Model (DEM) di Sungai Siak, Daerah Tualang dan Sekitarnya Sebagai Pertimbangan Pengembangan Pembangunan Wilayah. *Jurnal Saintis*, 16(2), 22–31.
- Choanji, T. (2016b). Slope Analysis Based On SRTM Digital Elevation Model Data: Study Case On Rokan IV Koto Area And Surrounding. *Journal of Dynamics*, 1(2).
- Choanji, T., & Indrajati, R. (2016). Analysis of Structural Geology based on Sattelite Image and Geological Mapping on Binuang Area, Tapin Region,

South Kalimantan. In GEOSEA XIV AND 45TH IAGI ANNUAL CONVENTION 2016 (GIC 2016) (Vol. 45).

Choanji, T., Rita, N., Yuskar, Y., & Pradana, A. (2018). CONNECTIVITY RELATIONSHIP OF FLUID FLOW ON DEFORMATION BAND: ANALOG STUDY AT PETANI FORMATION, RIAU, INDONESIA. *Bulletin of Scientific Contribution: GEOLOGY*, 15(3), 193–198.

Dalrymple, R.W., 1992. *Tidal depositional systems*. In: Walker, R.G., James, N.P. (Eds.), *Facies Models: Response to Sea Level Change*. Geological Association of Canada, St. John's, pp. 195–218

Dott, RH, Jr. 1964. *Wacke, graywacke, and matrix—What approach to immature sandstone classification?* *Jour. Sed. Petr.* 34:625-632.

Einsele G., 1992, *Sedimentary basins: Evolution, Facies, and Sediment Budget*. Springer, Berlin Heidelberg. New York.

Elliott, T., 1986. Deltas, dalam Reading, H.G., ed., *Sedimentary environments and facies*: Oxford, Blackwell Scientific Publications, p. 11 3-1 54.

Fatriadi, R., Asteriani, F., & Cahyaningsih, C. (2017). Effectiveness of the National Program for Community Empowerment (PNPM) for Infrastructure Development Accelerated and Geoplanology in District of Marpoyan Damai, Pekanbaru. *Journal of Geoscience, Engineering, Environment, and Technology*, 2(1), 53-63.

Faiez Ziadul, 2017, *Analisis Fasies dan Lingkungan Pengendapan Berdasarkan Data Batuan Inti dan Wireline Log Pada Sand “A “ di Cekungan Sumatra Tengah*, Program Studi Geologi - Universitas Islam Riau, *Unpublished*.

Galloway, W.E., 1975, *Process Framework for Describing the Morphology and Statigraphic Evolution of Deltaic Depositional System*, in ML Broussard (ed), *Deltas : Model for Exploration*, Houston Geological Society, Houston, 87 – 98.

- Hadian, M. S. D., Waliana, T. Y., Sulaksana, N., Putra, D. B. E., & Yuskar, Y. (2017). Hydrochemistry and Characteristics of Groundwater: Case Study Water Contamination at Citarum River Upstream. *Journal of Geoscience, Engineering, Environment, and Technology*, 2(4), 268-271.
- Heidrick, T.L., Aulia, K., 1993. *A Structural and Tectonic Model of The Coastal Plain Black, Central Sumatra Basin, Indonesia*. Indonesian Petroleum Assosiation, Proceeding 22<sup>th</sup> Annual Convention, Jakarta, Vol. 1, p. 285-316.
- Howard, A.D, 1967, *Drainage Analysis In Geologic Interpretation: A Summation*, AAPG Bulletin, Vol.51 No.11 November 1967, p 2246-2259
- Jannah, M., Suryadi, A., Zafir, M., Saputra, R., Hakim, I., Ariyuswanto, R., & Yusti, U. (2017). Geological Structure Analysis to Determine the Direction of the Main Stress at Western Part of Kolok Mudik, Barangin District, Sawahlunto, West Sumatera. *Journal of Geoscience, Engineering, Environment, and Technology*, 2(1), 46-52.
- KAUSARIAN, H. (2017). Geological mapping and full polarimetric sar analysis of silica sand distribution on the northern coastline of Rupert island, Indonesia (Doctoral dissertation, 千葉大学= Chiba University).
- Kausarian, H. abdul rahim shamsudin, yuniarti yuskar. 2014. Geotechnical and Rock Mass Characterization Using Seismic Refraction Method At Kajang Rock Quarry, Semenyih, Selangor Darul Ehsan. *Journal of Ocean, Mechanical and Aerospace-Science and Engineering*, 13.
- Kausarian, H., Batara, B., & Putra, D. B. E. (2018). The Phenomena of Flood Caused by the Seawater Tidal and its Solution for the Rapid-growth City: A case study in Dumai City, Riau Province, Indonesia. *Journal of Geoscience, Engineering, Environment, and Technology*, 3(1), 39-46.
- Kausarian, H., Choanji, T., Karya, D., Gevisioner, & Willyati, R. (2017). Distribution of Silica Sand on The Muda Island and Ketam Island in The Estuary of Kampar River, Pelalawan Regency, Indonesia. In *Proceedings of*



Researchfora 2nd International Conference, Putrajaya, Malaysia (Vol. 2, pp. 5–8).

Kausarian, H., Sri Sumantyo, J. T., Kuze, H., Aminuddin, J., & Waqar, M. M. (2017). Analysis of Polarimetric Decomposition, Backscattering Coefficient, and Sample Properties for Identification and Layer Thickness Estimation of Silica Sand Distribution Using L-Band Synthetic Aperture Radar. *Canadian Journal of Remote Sensing*, 43(2), 95-108.

Kausarian, H., Sumantyo, J. T. S., Kuze, H., Karya, D., & Panggabean, G. F. (2016). Silica Sand Identification using ALOS PALSAR Full Polarimetry on The Northern Coastline of Rupert Island, Indonesia. *International Journal on Advanced Science, Engineering and Information Technology*, 6(5), 568-573.

Kausarian, H., Sumantyo, J. T. S., Kuze, H., Karya, D., & Wiyono, S. (2016). The Origin And Distribution Of Silica Mineral On The Recent Surface Sediment Area, Northern Coastline Of Rupert Island, Indonesia. *ARNP Journal of Engineering and Applied Sciences*, 12(4), 980-989.

Kausarian, H., Umar, M., & Wiyono, S. (2013). Silica Sand Potency of Bukit Pelintung as Base Material of Solar Cell. *JOURNAL of OCEAN, MECHANICAL AND AEROSPACE- Science and Engineering-*, 2.

Lubis, M. Z., Anggraini, K., Kausarian, H., & Pujiyati, S. (2017). Marine Seismic And Side-Scan Sonar Investigations For Seabed Identification With Sonar System. *Journal of Geoscience, Engineering, Environment, and Technology*, 2(2), 166-170.

Lubis, M. Z., Anurogo, W., Kausarian, H., Surya, G., & Choanji, T. (2017). Sea Surface Temperature and Wind Velocity in Batam Waters Its Relation to Indian Ocean Dipole (IOD). *Journal of Geoscience, Engineering, Environment, and Technology*, 2(4), 255-263.

Lubis, M. Z., Kausarian, H., & Anurogo, W. (2017). Seabed Detection Using Application Of Image Side Scan Sonar Instrument (Acoustic Signal).

Journal of Geoscience, Engineering, Environment, and Technology, 2(3), 230-234.

Mairizki, F., & Cahyaningsih, C. (2016). Ground Water Quality Analysis in the Coastal of Bengkalis City Using Geochemistry Approach. Journal of Dynamics, 1(2).

Prayitno, B. (2015). Fasies Pengendapan Limnic-Marsh Pada Kondisi Gambut Ombrotrophic-Oligotrophic Rengat Barat Cekungan Sumatra Tengah-Indonesia. Jurnal Relevansi, Akurasi Dan Tepat Waktu (RAT), 4(1), 546-554.

Prayitno, B. (2016). Limnic Condition In Rheotrophic Peat Type As the Origin of Petai Coal, Central Sumatra Basin, Indonesia. Journal of Geoscience, Engineering, Environment, and Technology, 1(1), 63-69.

Prayitno, B., & Ningrum, N. S. (2017). Development of Funginite on Muaraenim and Lower Members of Telisa Formations at Central Sumatra Basin-Indonesia. Journal of Geoscience, Engineering, Environment, and Technology, 2(2), 149-154.

Pulunggono, A., Agus, H.S., Kosuma, C.G., 1992. *Pre-Tertiary and Tertiary Fault Syste as a Framework of the South Sumatra Basin*, Indonesian Petroleum Association, Proceeding s 21st Annual Convention, p.339-360.

Pulunggono, A. and Cameron, N.R., 1984, *Sumatran Microplates, their characteristics and their role in the evolution of the Central and South Sumatran Basins*, Proceedings Indonesian Petroleum Association, 13, 121-144.

Putra, D. B. E., & Choanji, T. (2016). Preliminary Analysis of Slope Stability in Kuok and Surrounding Areas. Journal of Geoscience, Engineering, Environment, and Technology, 1 (1), 41 – 44. <https://doi.org/10.24273/jgeet.2016.11.5>

- PUTRA, D. B. E., YUSKAR, Y., & HADIAN, M. S. D. (2017, November). HYDROGEOLOGY ASSESSMENT USING PHYSICAL PARAMETER IN BENGKALIS RIAU. In Proceedings of the 2nd Join Conference of Utsunomiya University and Universitas Padjadjaran (pp. 274-279).
- Reading, H. G., 1978. *Sedimentary Environments and Facies*. Elsevier: New York.
- Reineck, H. E., Singh, I. B., (1980), *Depositional Sedimentary Environment*, Springer-Verlag.
- Schlumberger. 1989. *Log Interpretation Principles / Applications*. Schlumberger Wireline & Testing: Texas.
- Shaw, J.H., Hook, S.C. dan Sitohang E.P., 1999, *Extensional Fault-Bend Folding and Synrift Deposition: An Example from the Central Sumatra Basin, Indonesia*, AAPG Bulletin, V. 81, No. 3
- Suryadi, A. (2016). Fault Analysis to Determine Deformation History of Kubang Pasu Formation at South of UniMAP Stadium Hill, Ulu Pauh, Perlis, Malaysia. *Journal of Geoscience, Engineering, Environment, and Technology*, 1(1), 1-6.
- Suryadi, A., Choanji, T., & Wijayanti, D. (2018). Infiltration Rate of Quarternary Sediment at Rumbio Jaya, Kampar, Riau. *Journal of Geoscience, Engineering, Environment, and Technology*, 3(1), 57–62.
- Syam, B., Permana, W., Pradana, A., & Choanji, T. (2007). The Petroleum System of Sibolga Basin Based on Correlation Seismic and Well Log Data.
- Van Bemmelen, R.W., 1949, *The Geology of Indonesia* vol. 1 A. Government Printing Office, The Hague, MartinusNijhoff, vol. 1A, Netherlands.
- Walker, R.G., 1992. *Facies, facies models, and modern stratigraphic concept dalam Walker, R.G., and James, N.P., Eds, Facies Models: A Response to Sea-Level Changes*, Geological Association of Canada, 1-14.

- Wibowo, R.A., 1995, *Pemodelan Termal Sub-Cekungan Aman Utara Sumatra Tengah*, Bidang Studi Ilmu Kebumihan – Program Pasca Sarjana Institut Teknologi Bandung, *Unpublished*.
- Williams, H., Turner, F.J. and Gilbert, C.M., 1954. *Petrography: An Introduction to Study of Rocks in Thin Section*. W.H. Freeman and Company, San Francisco, 406 pp.
- Yuskar, Y. (2014). Interpretasi Fasies Pengendapan Formasi Tondo, Pulau Buton, Sulawesi Tenggara Berdasarkan Data Pemetaan Geologi dan Potensinya Sebagai Batuan Reservoir Minyakbumi. *Journal of Earth Energy Engineering*, 3(1), 31-40.
- Yuskar, Y. (2014). Stuktur Geologi Dan Model Tektonostratigrafi Daerah Gonda Dan Sekitarnya Kecamatan Sorawolio, Kabupaten Buton Sulawesi Tenggara. *Jurnal Relevansi, Akurasi Dan Tepat Waktu (RAT)*, 3(2), 473-480.
- Yuskar, Y. (2016). Geo-tourism Potential of Sand Bars and Oxbow lake at Buluh Cina, Kampar–Riau, Indonesia. *Journal of Geoscience, Engineering, Environment, and Technology*, 1(1), 59-62.
- Yuskar, Y., & Choanji, T. (2016a). Sedimen Deposit of Floodplain Formation Resulting From Lateral Accretion Surfaces on Tropical Area: Study Case at Kampar River, Indonesia. In *IJSS 7th (Indonesia Japan Joint Scientific Symposium)*.
- Yuskar, Y., & Choanji, T. (2016b). *Sedimentologi Dasar* (1st ed.). Pekanbaru, Indonesia: UIR PRESS.
- Yuskar, Y., & Choanji, T. (2017). Uniqueness Deposit of Sediment on Floodplain Resulting From Lateral Accretion on Tropical Area: Study Case at Kampar River, Indonesia. *Journal of Geoscience, Engineering, Environment, and Technology*, 2(1), 14–19.
- Yuskar, Y., Harisma, H., & Choanji, T. (2017). Karstifikasi dan Pola Struktur Kwartir Berdasarkan Pemetaan Lapangan dan Citra SRTM Pada Formasi



Wapulaka, Pasar Wajo, Buton, Sulawesi Tenggara. *Journal of Earth Energy Engineering*, 6(1), 1–10.

Yuskar, Y., Putra, D. B. E., Choanji, T., Faiez, Z., & Habibi, M. (2017). SANDSTONE RESERVOIR CHARACTERISTIC BASED ON SURFICIAL GEOLOGICAL DATA OF SIHAPAS FORMATION IN BUKIT SULIGI AREA, SOUTHWEST CENTRAL SUMATRA BASIN. In *ICoSET* (pp. 112–117). Pekanbaru.

Yuskar, Y., Putra, D. B. E., Suryadi, A., Choanji, T., & Cahyaningsih, C. (2017). Structural Geology Analysis In A Disaster-Prone Of Slope Failure, Merangin Village, Kuok District, Kampar Regency, Riau Province. *Journal of Geoscience, Engineering, Environment, and Technology*, 2(4), 249–254.

