



## DAFTAR PUSTAKA

- Abbott, L. D., Silver, E. A., Anderson, R. S., Smith, R, Ingle, J. C., Kling, S. A., Haig, N, Small, E., Galewsky, J & Sliter, W., 1997. Measurement of tectonic surface uplift rate in a young collisional mountain belt: *Nature*, v. 385, p.501-507.
- Allen, P., & Allen, J., R., 2005. *Basin Analysis (Principles and Analysis)*, Blackwell publishing second edition., p.549.
- Amin, A, K, M, A., Arufin, Y, I., dan Akase, N., 2019. Studi Fasies Formasi Endapan Danau untuk Menentukan Lingkungan Pengendapan Danau Limboto. *Jambura Geoscience Review*, Vol. 1(2) : 50-67.
- Anderson, E. M., 1951. *The dynamics of faulting*: Oliver & Boyd, Edinburgh.
- Apandi, T., & Bachri, S., 1997. *Peta Geologi Lembar Kotamobagu, Sulawesi Utara, skala 1 : 250.000*. Pusat Penelitian dan Pengembangan Geologi, Bandung.
- Armstrong, H. & Brasier, M. 2005. Microfossils, Blackwell Publishing, United Kingdom.
- Bachri, S., Sukido & Ratman, N, 1994. *Peta Geologi Lembar Tilamuta, Sulawesi, skala 1 : 250.000*. Pusat Penelitian dan Pengembangan Geologi, Bandung.
- Bachri, S., Partoyo, E., Bawono, S.S., Sukarna, D., Surono & Supandjono, J.B., 1997. *Geologi Daerah Gorontalo, Sulawesi Utara*. Kumpulan Makalah Hasil Penelitian dan Pemetaan Pusat Penelitian dan Pengembangan Geologi, 1996/1997, 18-30.
- Bates, R.L. & Jackson, J.A. 1987. *Glossary of Geology*. 3rd Edition, American Geological Institute, Alexandria, 788 p.
- Bergman, S.C., Coffield, D.Q., Talbot, J.P & Garrad, R.A., 1996. Tertiary tectonics and magmatic evolution of western Sulawesi and the Makassar Strait, Indonesia: evidence of Miocene continent-continent collision. In Hall, R and Blundell, D (Eds), *Tectonic evolution of Southeast Asia*. Geol.Soc. of London, 106: 391-429.
- Berggren, W. A. 1992. Neogene planktonic foraminifera magnetobiostratigraphy of the south kerguelen plateau (sites 747, 748 & 751). In Wise, S.W., Jr., Schlich, R., et al., *Proc. ODP, Sci. Results*, 120 (Pt. 2): College Station, TX (Ocean Drilling Program), 551–568.
- Berggren, W. A., Hilgen, F. J., Langereis, C. G., Kent, D. V., Obradovich, J. D., Raffi, I., Raymo, M. E. & Shackleton, N. J., 1995a. Late neogene chronology: new perspectives in highresolution stratigraphy. *Geol. Soc. Am. Bull.*, 107 : 1272–1287.
- Berggren, W. A., Kent, D. V., Swisher III, C. C. & Aubry, M.-P., 1995b. A revised cenozoic geochronology and chronostratigraphy. In: Berggren, W. A., Kent, D. V., Aubry, M. P. & Hardenbol, J. *Geochronology, time scales and global stratigraphic correlation : A united temporal framework for an historical geology: SEPM Spec. Publ*, 54 : 129–212.



- Blow, W. H., 1969. Late middle eocene to recent planktonic foraminiferal biostratigraphy, In: Brönnimann, P., Renz, H.H. (Eds.). *Proceedings of the First International Conference on Planktonic Microfossils*, E.J. Brill, Leiden, 1 : 199–422.
- Boggs, S., Jr., 1992, *Petrology of Sedimentary Rocks*: Macmillan Publishing Co., New York, NY.
- Boggs, S., Jr., 2006, *Principles of Sedimentology and Stratigraphy*, 4th edn.: Prentice Hall, Upper Saddle River, NJ.
- Brigaud, B, Vincent, B, Carpentier, C, Robin, C, Guillocheau, F, Yven, B & Huret, E., 2014, Growth and demise of the Jurassic carbonate platform in the intracratonic Paris Basin (France): Interplay of climate change, eustasy and tectonics. *Marine and Petroleum Geology* 53 (2014) 3-29.
- Buchs, D, M, Baumgartner, P, O, Baumgartner-Mora, C, Flores, K & Bandini, A, N, 2011., Upper Cretaceous to Miocene tectonostratigraphy of the Azuero area (Panama) and the discontinuous accretion and subduction erosion along the Middle American margin. *Tectonophysics* 512 (2011) 31–46.
- Burbank, D, W., & Anderson, R, S., 2008. *Tectonic geomorphology*, Blackwell Science Ltd. p. 274.
- Busquets, P, Me'ndez-Bedia, I, Gallastegui, G, Colombo, F, Cardo, R, Limarino, O, Heredia, N & Ce'sari, S, N., 2013. The relationship between carbonate facies, volcanic rocks and plant remains in a late Palaeozoic lacustrine system (San Ignacio Fm, Frontal Cordillera, San Juan province, Argentina). *Int J Earth Sci (Geol Rundsch)* (2013) 102:1271–1287.
- Calvert, S.J., 2000. *The Cenozoic geology of the Lariang and Karama regions. Western Sulawesi, Indonesia*. PhD Thesis, University of London, London. p. 353.
- Carlile, J, C, Diggowiromo, I, G & Darius, K., 1990. Geological setting, characteristics and regional exploration for gold in the volcanic arcs of North Sulawesi, Indonesia. *Journal of Geochemical Exploration*, 35 (1990) 105-140.
- Cetean, C, G, Ramona, B, Kaminski, M, A & Filipescu, S., 2011, Integrated biostratigraphy and palaeoenvironments of an upper Santonian e upper Campanian succession from the southern part of the Eastern Carpathians, Romania. *Cretaceous Research* 32 (2011) 575-590.
- Charlton, T, R., 2000. Tertiary evolution of the Eastern Indonesia Collision Complex. *Journal of Asian Earth Sciences* 18 (2000) 603-631.
- Chunlian, L., Yi1, H., Jie1, W., Guoquan, Q., Tingting Y, Lianze, X., & Suqing, Z., 2012. Miocene–Pliocene planktonic foraminiferal biostratigraphy of the Pearl River Mouth Basin, Northern South China Sea. *Journal of Palaeogeography*, vol. 1(1): 43-56.
- Cilona, A, Baud, P, Tondi, E, Agosta, F, Vinciguerra, S, Rustichelli, A & Spiers, C, J., 2012. Deformation bands in porous carbonate grainstones: Field and laboratory observations. *Journal of Structural Geology* 45 (2012) 137-157.
- Coffield, D.Q., Bergman, S.C, Garrad, R.A., Guritno, N., Robinson, N.M., and Talboth, J., 1993. *Tectonic and stratigraphic evolution of the Kalosi PSC area and association development of a Tertiary petroleum systems, South*



- Sulawesi, Indonesia*, Proc. Of the 22<sup>nd</sup> Ann.Con. of the Indon. Petroleum Assoc, Jakarta, 679-706.
- Cottam, M, A, Hall, R, Forster, M, A and Fadel, M, K, B., 2011. *Basement character and basin formation in Gorontalo Bay, Sulawesi, Indonesia: new observations from the Togian Islands*. The SE Asian Gateway: History and Tectonics of the Australia–Asia Collision. Geological Society, London, Special Publications, 355, 177–202.
- Daly, M.C., Cooper, M.A., Wilson, I., Smith, D.G. & Hooper, B.G.D., 1991. Cenozoic plate tectonics and basin evolution in Indonesia. *Mar. Pet. Geol.*, 8: 2-21.
- Dickson J.A.D. 1985. Diagenesis of shallow-marine carbonates. In *Sedimentology: Recent Developments and Applied Aspects*. (eds. P.J. Brenchley and B.P.J. Williams), pp.173-188. Blackwell Scientific Publications, Boston, MA.
- Dunham, R. J. 1962. 'Classification of carbonate rock according to their texture". Jn: W. E. Ham (Editor), Classification of Carbonate Rocks. Am. Assoc. Petrol Geologists. Mem 1: 108-121. Folk, R L. (1959); "Practical petrographic classification of limestone". *Bull. Am Assoc. Petrol. Geologists*, 43; 1-38.
- Embry, A., F. & Klovan , J. E., 1971. A Late Devonian reef tract on northeastern Banks Island, NWT . *Bull. Can. Petroleum Geol.* 19 : 730 – 781 .
- Fisher, R., V., & Schmincke, H, U., 1984. *Pyroclastic Rocks*. xiv + 472 pp. Berlin, Heidelberg, New York, Tokyo: Springer-Verlag.
- Flügel, E. 2010. *Microfacies of Carbonate Rocks. Analysis, Interpretation and Application*, 2nd edn. Berlin, Heidelberg. New York: Springer-Verlag. p. 976.
- Friedman, G. M., 1959, Comparison of moment measures for sieving and thin-section data in sedimentary petrological studies: *J. Sediment. Petrol.*, 32, 15–25.
- Friedman, G, M., 1969. *Depositional Environments in Carbonate Rocks*. SOC. Econ. Paleontologists and Mineralogists, Spec. Publ. 14, Tulsa, OK., 209 pp.
- Gasperini, L, Barchi, M, R, Bellucci, L, G, Bortoluzzi, G, Ligi, M & Pauselli, C., 2010, Tectonostratigraphy of Lake Trasimeno (Italy) and the geological evolution of the Northern Apennines. *Tectonophysics* 492 164–174.
- Genrich, J.F., Bock, Y., McCaffrey, R., Prawirodirdjo, L., Stevens, C.W., Puntodewo, S.S.O., Subarya, C., & Wdowski, S., 2000, Distribution of slip at the northern Sumatran fault system: *Journal of Geophysical Research*, v. 105, p. 28,327–28,341.
- Hall, R., 1996. *Reconstructing Cenozoic SE Asia*. Geological Society of London Special Publication No. 106, pp. 153-184.
- Hall, R and Wilson, M, E, J., 2000. Neogene sutures in eastern Indonesia. *Journal of Asian Earth Sciences* 18 : 781–808 pp.
- Hall, R., 2002. Cenozoic geological and plate tectonic evolution of SE Asia and the SW Pacific: computer-based reconstructions, model and animations. *Journal of Asian Earth Sciences* 20, 353–431.



- Hall, R., 2012. Late Jurassic–Cenozoic reconstructions of the Indonesian region and the Indian Ocean. *Tectonophysics* 570–571 : 1–41 pp.
- Hall, R & Spakman, W., 2015. Mantle structure and tectonic history of SE Asia, *Tectonophysics*, 658 : 14–45.
- Hamilton, W., 1979. Tectonics of the Indonesian region. *Geological Survey Professional Paper 1078*, U.S. Govern.Printing Office, Washington. U.S.G.S. Professional Paper 1078: 345.
- Hancock, J.M., 1977. *The historic development of biostratigraphic correlation*. In: Kauffman, E.G., Hazel, J.E. (Eds.), *Concepts and Methods of Biostratigraphy*. Dowden, Hutchinson & Ross Stroudsburg, Pennsylvania, pp. 3–22.
- Haq, B.U., Hardenbol, J., & Vail, P.R., 1987. Chronology of fluctuating sea levels since the Triassic (250 million years ago to present). *Science*, 235, 1156–1167.
- Harding, T.P., Wilcox, R. E., & Seely. 1973. Basic Wrench Tectonics,, *AAPG Bulletin*, vol. 57, no. 1.
- Heckel P.H. (1983) Diagenetic model for carbonate rocks in mid-continent Pennsylvanian eustatic cyclothem. *J. Sediment. Petrol.* 53,733-760.
- Heidari , A, Mahboubi, A, Moussavi-Harami, R, Gonzalez, L & Moalemi, S, A., 2013, Biostratigraphy, sequence stratigraphy, and paleoecology of the Lower–Middle Miocene of Northern Bandar Abbas, Southeast Zagros basin in south of Iran. *Arab J Geosci* 7: 1829–1855 pp.
- Henning, J., Advokaat, E., Rudyawan, A and Hall, R., 2014. Large sediment accumulations and major subsidence offshore; rapid uplift on land: consequences of extension of Gorontalo bay and Northern Sulawesi. *Proceedings, IPA Thirty-Eighth Annual Convention and Exhibition*, May 2014.
- Hobbs, B.E., Means, W.D., and Williams, P.F., 1976, *An outline of structural geology*, John Wiley & Sons, New York-Chichester-Brisbane-TorontoSingapore.
- Imran A, M.(2011) *Batuhan Karbonat dan Pemanfaatannya*, Fakultas Teknik Universitas Hasanuddin, Makassar.
- Jablonski, D, Priyono, P, Westlake, S & Larsen, O, A., 2007. Geology and exploration potential of the Gorontalo basin, Central Indonesia– Eastern Extention of the north Makassar Basin. *Proceedings, IPA Thirty-First Annual Convention and Exhibition*, May 2007.
- James, N. P. & R. N. Ginsburg, 1979, The Seaward Margin of Belize Barrier and Atoll Reefs. *International Association of Sedimentologists Special Publication 3*.
- James N.P. & Jones B., 2016, *Origin of Carbonate Sedimentary Rocks*, first published John Wiley and Sons, Ltd, Chichester West Sussex.
- Jauhari, U & Toha, B., 2005, High resolution sequence stratigraphy and diagenesis in carbonate rocks, Wonosari Formation Yogyakarta : an outcrop analog for modeling chalky limestone reservoir distribution. *Proceedings IPA 13 Annual Convention and Exhibition*, August 2005.



- Jones R W, 1994. *The Challenger Foraminifera*. Oxford : Oxford University Press.  
p. 149.
- Kabanov, P, B., 2009, Benthic Carbonate Facies of the Phanerozoic: Review and Example from the Carboniferous of the Russian Platform. *Stratigraphy and Geological Correlation*, 2009, Vol. 17, No. 5, pp. 493–509.
- Katili, J. A. (1970) Large transcurrent faults in southeast asia with special reference to Indonesia. *International Journal of earth Science*, (59), Issue 2 : 581–600.
- Katili,J.A., 1971. A review of the geotectonic theories and tectonic maps of Indonesia. *Earth-Sol. Rev.*, 7: 143-163.
- Katili, J.A., 1975, Volcanism and plate tectonics in the Indonesian island arcs. *Tectonophysics*,26: 165-188.
- Katili, J.A., 1978, Past and present geotectonic position of Sulawesi, Indonesia. In: S.Uyeda (editor), Active Plate Boundaries of the Western Pacific. *Tectonophysics*, 45:289-322.
- Katili, J.A., 1989, Review of past and present geotectonic concepts of eastern Indonesia. i24 (2/3): 103-129.
- Katili, J.A., 1991. Tectonic evolution of eastern Indonesia and its bearing on the occurrence of hydrocarbons. *Marine and Petroleum Geology*, vol. 8.
- Kauffman, E.G., 1977. Evolutionary rates and biostratigraphy. In: Kauffman, E.G., Hazel, J.E. (Eds.), *Concepts and Methods of Biostratigraphy*. Dowden, Hutchinson & Ross Stroudsburg, Pennsylvania, pp. 109–141.
- Kavelieris, I., van Leeuwen, T.M., & Wilson, M., 1992. Geological Setting and styles of mineralisation, north arm of Sulawesi, *J. SE.Asian Earth Sci.* Vol. 7, 2/3:113-129.
- Kendall, C.G., 2005. *Lecture Slide: Stratigraphy and Sedimentary Basins*. The University of South Carolina, Department of Geological Science, Caroline.
- Kendall, C. G. St. C., & Schlager, W., 1981. *Carbonates and relative changes in sea level*. *Marine Geol.* 44, 181–212.
- Khan, I, H & Clyde, W, C., 2013, Lower Paleogene Tectonostratigraphy of Balochistan: Evidence for Time-Transgressive Late Paleocene-Early Eocene Uplift. *Geosciences* 2013, 3, 466-501.
- Khryashchevskaya, O.I., Stovba, S.N., & Stifenson, R.A., 1D Modeling of Tectonic Subsidence of the Black Sea (Northwestern Shelf) and the Sea of Azov during Cretaceous and Neogene Periods. *Geofiz. Zhurn*, 2007, vol. 29, no. 5, pp. 28–49.
- Koesoemadinata., 1987. *Reef carbonate exploration*. Diktat kursus Institut Teknologi Bandung.
- Koirala, D, R, Ettensohn, F, R, & Clepper, M, L., 2016, Eustatic and far-field tectonic control on the development of an intra-platform carbonate-shoal complex: upper tongue of the Tanglewood Member, Upper Ordovician Lexington Limestone, central Kentucky, U.S.A. *Sedimentary Geology* 345 (2016) 1–18.
- Koperberg, M., 1929. *Bouwstoffen voor de geologie van de Residentie Menado*. *Jaarboek Mijnwezen Nederlands Indie*, 57, Part 2 1929; 1–446.



- Krumbein, W. C., 1941, Measurement and geological significance of shape and roundness of sedimentary particles: *J. Sediment. Petrol.*, 11, 64–72.
- Lee, C.S. & Mc Cabe, R., 1996. The Banda-Celebes-Sulu basin: A trapped piece of Cretaceous-Eocene Oceanic crust? *Nature*, vol. 322: pp.51-54.
- Lee, T.Y., & Lawver, L.A., 1995. Cenozoic plate reconstructions of Southeast Asia. *Tectonophysics* 251, 85–138.
- Leighton, M. W. & Pendexter, C, 1962. "Carbonate Rock Types". In: W. E. Ham (Editor) *Classification of Carbonate Rocks* Am. Assoc. Petrol. Geologists. Mem. 1: 62-85.
- Link G., 1903. Die Bildung der Oolithen und Rogensteine. *Neues Jahrb. Mineral., Geol., Paleontol.* 16,495-513.
- Longman, M. W., 1980. Carbonate Diagenetic Texture From Nearsurface Diagenetic Environment. Am. Assoc. Petrol. Geol. Bull., 64: 561-487.
- Lowder, G, G & Down, J, A, S., 1978, Geology and Exploration Porphyry Copper in North Sulawesi, Indonesia. *Economic Geology* Vol. 73, 1978, pp. 628-644.
- Ludvigsen, R., Westrop, S.R., Pratt, B.R., Tuffnell, P.A., & Young, G.A., 1986. Paleocene #3. Dual Biostratigraphy: Zones and biofacies. *Geoscience Canada* 13 (3), 139–154.
- Martins-Neto, M, A and Catuneanu, O., 2013, Rift sequence stratigraphy. *Marine and Petroleum Geology article press* (2009) 1–7.
- McCabe, R. and Cole, J., 1989. *Speculations on the Late Mesozoic and Cenozoic evolution of the Southeast Asian margin*. In: Z. Ben-Avraham (Editor), *The Evolution of the Pacific Ocean Margins*. Oxford Univ. Press, New York, NY, pp. 143-160.
- McCaffrey, R., Sutarjo, R., Susanto, R., Buyung, N., Sukarman, R., Husni, B., Sudiono, M., Setiadi, D., & Sukamto, R., 1983. Micro-earthquake survey of the Molucca Sea and Sulawesi, Indonesia. *Bull. Geol. Res. Dev.Center, Bandung*, 7 : 13-23.
- Michie, E, A, H, Haines, T, J, Healy, D, Neilson, J, E, Timms, N, E, & Wibberley, C, A, J., 2014. *Influence of carbonate facies on fault zone architecture*. *Journal of Structural Geology* 65 (2014) 82-99.
- Miller, K, G., Kominz, M, A., Browning, J, V., Wright, J, D., Mountain, G, S., Katz, M, E., Sugarman, P, J., Cramer, B, S., Christie-Blick, N., & Pekar, S, F., (2005). The phanerozoic record of global sea-level change. *Review. Science* vol. 310.
- Milsom, J., Thurow, J., and Roques, D., 2000. Sulawesi dispersal and evolution of the Northern Banda Arc. *Proc. 27<sup>th</sup> Ann. Con. Indon. Petroleum Assoc*, 495-505.
- Molnar, P & Dayem, K, E., 2010. Major intracontinental strike-slip faults and contrasts in lithospheric strength. *Geosphere*, vol. 6; no. 4; p. 444–467.
- Moody, J.D., and Hill, M.J. 1956. *Wrench Fault Tectonics*. GSA Bulletin, vol. 67, no. 9.
- Mount, J, 1985. Mixed siliciclastic and carbonate sediments: a proposed first-order textural and compositional classification. *Sedimentology*, vol. 32, p. 435-442, 1985.



- Nikishin, A. M & Kopaevich, L. F., 2009, *Tectonostratigraphy as a Basis for Paleotectonic Reconstructions*. Moscow University Geology Bulletin, 2009, vol. 64, No. 2, p. 65–74.
- Nugraha, A. M. S., & Hall, R. (2018). Late Cenozoic palaeogeography of Sulawesi, Indonesia. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 490, 191–209.
- Otofuji, Y. Sasajima, S., Nishimura, S., Dharma, A. & Hehuwat, F., 1981. *Paleomagnetic evidence for clockwise rotation of the northern arm of Sulawesi, Indonesia*. Earth Planet. Sci. Lett., 54: 272–280.
- Palechek, T, N, Moiseev, A, N & Gul'pa, I, V., 2016, Tectonostratigraphy of the Mesozoic Complexes of the Northwestern Part of the Koryak Highland, Ust' Belaya Mountains. *Stratigraphy and Geological Correlation*, vol. 24, No. 4, pp. 381–406.
- Parkinson, C.D., 1991. *The petrology, structure and geologic history of the metamorphic rocks of Central Sulawesi*. Ph.D. Thesis, University of London, 336 p, unpublished.
- Pearson, D.F., Cairns, N.M., 1999. *Geology and metallogeny of central north Sulawesi*. Pacrim'99 Congress, Australian Institute of Mining and Metallurgy 4/99, 311–326.
- Perello, J. A., 1994, Geology, porphyry Cu-Au, and epithermal Cu-Au-Ag mineralization of the Tombulilato district, North Sulawesi, Indonesia. *Journal of Geochemical Exploration*, vol. 50 : p. 221-256.
- Pholbud, P, Hall, R, Advokaat, E & Burgess, P., 2012. A new Interpretation of Gorontalo bay, Sulawesi. *Proceeding Indonesian Petroleum Association Thirty-Sixth Annual Convention & Exhibition*, May 2012.
- Pigram, C.J., dan Pangabean, H., 1984. Rifting of the northern margin of the Australian continent and the origin of some microcontinent in eastern Indonesia. *Tectonophysics*, vol. 107: 331-353.
- Polve, M, Maury, R, C, Bellon, H, Rangin, C, Priadi, B, Yuwono, S, Joron, J, L, & Soefia Atmadja, R., 1997. Magmatic evolution of Sulawesi (Indonesia): constraints on the Cenozoic geodynamic history of the Sundaland active margin. *Tectonophysics* 272 (1997) 69-92.
- Rangin, C., & Silver, E.A., 1991. Neogene tectonic evolution of the Celebes-Sulu basins : New insights from Leg 124 drilling. *Proc. ODP Sci. Results*, 124: 51–63.
- Reading , H. G. (Ed.) ( 1996 ). *Sedimentary Environments: Processes, Facies, and Stratigraphy* ,3rd ed. Blackwell Science , Cambridge, MA , 688 pp.
- Rickard, M.J., 1972. *Fault classification - discussion*: Geological Society of America Bulletin, v. 83, p. 2545-2546.
- Rudyawan, A., Hall, R., and White, L., 2014. Neogene Extension of the Central North Arm of Sulawesi, Indonesia. *American Geophysical Union, Fall Meeting*. December 2014. San Francisco.
- Sandi Stratigrafi Indonesia, 1996. IAGI (Ikatan Ahli Geologi Indonesia), Jakarta.



- Santiago, F. M., 2012, *Interrelationships Between Carbonate Diagenesis and Fracture Development: Example From Monterrey Salient, Mexico and Implications for Hydrocarbon Reservoir Characterization (Lithofacies and Sedimentary Environments)*. Dissertation Doctor of Philosophy The University of Texas at Austin.
- Saraswati, P.K. & Srinivasan, M.S., 2016. *Micropaleontology principles and applications*. Springer International Publishing Switzerland. Pp. 224.
- Shackleton, N. J., Baldauf, J. G., Flores, J. A., Iwai, M., Moore, T. C., Raffi, I., & Vincent, E., 1995. Biostratigraphic summary for leg 138. In : Pisias, N.G., Mayer, L.A., Janecek, T.R., Palmer-Julson, A., & van Andel, T.H. (Eds.), *Proceedings of the Ocean Drilling Program, Scientific Results*, Vol. 138.
- Schlutter, H.U., Block, Ml., Hinz, K., Neben, S., Sidel, D., & Djajadihardja, Y., 2001. Neogen Sediment thickness and Miocene basin-floor fan systems of the Celebes Sea. *Marine and Petroleum Geology*, vol.18 : 849-861.
- Scholle ,P. A., Bebout, D. G., & Moore, C. H. (Eds.) ( 1983 ). *Carbonate Depositional Environments*. AAPG Memoir No. 33, Tulsa, OK, 708 pp.
- Scott, G. H., 2013, Biostratigraphy: Interpretations of Oppel's zones. *Earth-Science Reviews*, vol. 126 : p. 266–274.
- Selley, R. C., 1985. *Elements of Petroleum Geology* . W. H. Freeman and Co. , New York , 449 pp.
- Seismicheskaya stratigrafiya. T. 1, 2* (Seismic Stratigraphy,vols. 1 and 2), Moscow: Mir, 1982.
- Shatsky, N.S., *Geological Rock Associations and Sedimentary Mineral Wealth*, in *Izbr. trudy. T. 3* (Selected Works, vol. 3), Moscow, 1965.
- Silver, E.A., McCaffrey, R., & Smith, R.B., 1983. Collision, rotation, and the initiation of subduction in the evolution of Sulawesi, Indonesia. *Journal of Geophysical Research*, vol. 88 : p. 9407–9418.
- Simandjuntak, T.O., 1986. *Sedimentology and tectonics of the collision in the East Arm of Sulawesi Indonesia*, Ph.D. Thesis RHBNC University of London, UK, 374p, unpublished.
- Simandjuntak, T.O., 1993. Neogen tectonics and Orogenesis Indonesia, *J.SD.Min* (20) 2 : 2-32.
- Simandjuntak, T.O., 2015. *Tektonika*. Edisi ke-4. Sekretariat Badan Geologi, Badan Geologi, Bandung.
- Situmorang, B., 1976. *The Makassar trough: Reginal Geology and Hydrocarbon prospects*. CCOP 13th Session, Kuala Lumpur (unpublished).
- Socquet, A., Simons, W., Vigny, C., McCaffrey, R., Subarya, C., Sarsito, D., Ambrosius, B., & Spakman, W., 2006, Microblock rotations and fault coupling in SE Asia triple junction (Sulawesi, Indonesia) from GPS and earthquake slip vector data: *Journal of Geophysical Research*, v. 111.
- Sukamto, R., 1975c. *The structure of Sulawesi in the light of plate tectonics*. Paper presented at the regional conference on the Geology and Mineral Resources of SE Asia, Jakarta, August 4-7:1-25.
- Sukamto, R., 1975a. *Geology Map of Indonesia, Sheet VII, Ujung Pandang skala 1 : 1.000.000*, Geological Survey of Indonesia.



- Sukamto, R., 1978. *The structure of Sulawesi in the light of plate tectonics.* Proc.Reg.Conf.Geol.Min.Res. SE Asia, 121-141.
- Surono dan Hartono, U., 2013. *Geologi Sulawesi.* Edisi Pertama, LIPI Press dan Pusat Survei Geologi Badan Geologi Kementerian Energi dan Sumber Daya Mineral.
- Surmont, J, Laj, C, Kissel, C, Rangin, C, Bellon, H and Priadi, B., 1994. New paleomagnetic constraints on the Cenozoic tectonic evolution of the North Arm of Sulawesi, Indonesia. *Earth and Planetary Science Letters*, vol : 121 (1994) 629-638.
- Teichert, C., 1958. Some biostratigraphical concepts. *Geological Society of America Bulletin* 69 (1), 99–120.
- Tipsword, H, L., Setzer, F, M., & Smith, L, F., 1966. Interpretation of depositional environment in gulf coast petroleum exploration from paleoecology and related stratigraphy. *Gulf Coast Association of Geological Societies*, vol. 16 : pp. 119-129, 1966
- Tjia, H, D., & Zakaria, T., 1974. Palu-Koro strike-slip fault zone, Central Sulawesi, Indonesia. *Sains Malaysiana*, vol : 3 (7 ): 6-86.
- Trail, D.S., John, T.U., Bird, M.C, Obial, R.C., Pertzel, B.A., Abiog, D., Prawoto and Subagio, 1974. *The General Geological Survey of Block II, Sulawesi Utara, Indonesia*, Unpublished report, P.T. Tropic Endeavour Indonesia, 68p.
- Tucker, M., 1988, *Techniques in Sedimentology*: Blackwell Scientific, Oxford.
- Tucker, M. E. and V. P. Wright, 1990, *Carbonate Sedimentology*: Blackwell Scientific, Oxford.
- Vanderlaan, T, A and Ebach, M, C., 2014, Systematic biostratigraphy: A solution to problematic classificationsystems in biostratigraphy. *Palaeo world* 23 (2014) 105–111.
- Van Bemmelen, R.W., 1949. *The Geology of Indonesia* Vol 1A. Government Printing Office The Hague.
- Van Hinte, J.E., 1978, Geohistory Analysis – Application of Micropaleontology in Exploration Geology. *The American Association of Petroleum Geologist Bulletin*, vol.62, No.2, p.201-222.
- Van Leeuwen, T, M, 1981. The geology of southwest Sulawesi with special reference to the Biru area. In: Barber, A., Wiryo Sujono, S. (Eds). *The Geology and tectonics of Eastern Indonesia.* *Geol. Res.Dev. Cen.*,Special Publication, Bandung, 277-304.
- Van Leeuwen, T, M., & Muhardjo., 2005. Stratigraphy and tectonic setting of the Cretaceous and Paleogene volcanic-sedimentary successions in northwest Sulawesi, Indonesia: implications for the Cenozoic evolution of Western and Northern Sulawesi. *Journal of Asian Earth Sciences* 25 (2005) 481–511.
- Van Leeuwen, T., M & Pieters, P, E., 2011. Mineral Deposits of Sulawesi. *Proc. Of the Sulawesi mineral res. MGEI-IAGI*. Nov-28-29, Manado, North Sulawesi, Indonesia.
- Van Marle, L, J., Van Hinte., J, E & Nederbragt, A, J., Ederbragt., 1987. Plankton percentage of the foraminiferal fauna in seafloor samples from the



- Australian-Irian Jaya continental margin, Eastern Indonesia. *Marine Geology*, 77 : p. 151-156.
- Villeneuve, M., Rehault, J., Corne e, J., Honthaas, C., & Gunawan, W., 1998. et le groupe Ge'obanda, Evolution ge'odynamique de L'Indone'sie orientale, de l'Eocene au Pliocene. *Sciences de la terre et des planetes* 327, 291-302.
- Watkinson, M.P., Hart, M.B., & Joschi, A., *Cretaceous Tectonostratigraphy and the Development of the Cauvery Basin, Southeast India*, Petrol. Geoscie, 1977, vol. 13, pp. 181-191.
- Wilson J.L. (1975) *Carbonate Facies in Geologic History*. Springer-Verlag, New York, 471 pp.
- Woods T.L. (1988) *Calculated solution solid relations in the low temperature system CaO-MgO-FeO-CO<sub>2</sub>-H<sub>2</sub>O*. Ph.D. dissertation, Univ. South Florida.
- Wade, B. S., Pearson, P. N., Berggren, W. & Palike, H., 2011. Review and revision of cenozoic tropical planktonic foraminiferal biostratigraphy and calibration to the geomagnetic polarity and astronomical time scale. *Earth Science Review*, 104 : 111-142.
- Walpersdorf, A., Rangin, C., & Vigny, C., 1981. GPS compared to long term geologic motion of the North Arm of Sulawesi. *Earth Planet. Sci.Lett.*, 1984: 27.
- Wright, V.P., & Burchette, T.P., 1996. *Shallow-Water Carbonate Environments*. In: Reading, H.G., Eds., *Sedimentary Environments: Processes, Facies and Stratigraphy*, Black-well Science, Oxford, 325-394.2-280.
- Young, K., 1960. Biostratigraphy and the new paleontology. *Journal of Paleontology* 34 (2), 347-358.
- Yuwono, Y.S., Digidwirogo, S., Cotten, J., Bellon, H & Priadi, B., 1995. *Petrology of some magmatic rocks from North Sulawesi, Indonesia*. Jur. Teknologi Min., (3) II : 21-32.