

## DAFTAR PUSTAKA

- Abdullah, A., Akhir, J.M., Abdullah, I., 2010, *Automatic Mapping of Lineaments Using Shaded Relief Images Derived from Digital Elevation Model (DEMs) in the Maran – Sungi Lembing Area, Malaysia*, EJGE Bulletin vol. 15, pp 949 – 957.
- Anderson. 1951. *The Dynamics of Faulting and Dyke Formation with Applications to Brittan, Edinburgh, Oliver and Boyd.*
- Asikin, S., 1974, Evolusi geologi Jawa Tengah dan sekitarnya ditinjau dari segi tektonik dunia yang baru. Laporan tidak dipublikasikan, disertasi, doctor, Dept. Teknik Geologi ITB.
- Bakostanal. 1999. Peta Digital Rupa Bumi Indonesia (RBI), Kabupaten Kendal Skala 1 : 25.000.
- Bates, R.L., and Jackson, J.A. 1990, Glossary of Geology; third edition, Amer. Geol. Inst., Alexandria, 788p.
- Barth, T.F.W, C.W. Correns & P. Eskola. 1970. *Die Entstehung der Gesteine. Ein Lehrbuch der Petrogenese.* Reprint der Erstauflage Berlin, 1939. Viii + 422 pp., 210 figs.
- Boyer, S.E., dan Elliott, D., 1982, *Thrust System, The American Association of Petroleum Geologist Bulletin* v.66 no.9 p.1196-1230.
- Bull dan McFadden, 1977. *Tectonic Geomorphology North And South Of The Garlock Fault, California.* Geosciences Department University of Arizona.
- Busk, H. G., et al. 1921. *Earth Flexures; Their Geometry and Their Representation and analysis in Geological to the Problem of Oil Finding.* Cambridge: University Press.

Casas, A. M., Cortes, Angel L., Maestro, A., Soriano, M. A., Riaguas, A. and Bernal, J., 2000. *A program for lineament length and density analysis*, Computers and Geosciences, Vol. 26, No. 9/10, 1011-1022.

Clarke J I, 1966, *Morphometry from maps, in Essays in Geomorphology*, pp. 235–274, Elsevier, New York, NYC, USA.

Cox, R.T., 1994, *Analysis of drainage-basin symmetry as rapid technique to identify areas of possible Quartenary tilt-block tectonics: An example from the Mississippi Embayment*, Geological Society of America Bulletin.

Dehbozorgi, M., Poukermani, M., Arian, M., Matkan, A.A., Motamed, A., dan Hosseini, A. 2010. *Quantitative analysis of relative tectonic activity in The Sarvestan Area, Central Zagros, Iran*. Geomorphology 03284, 1 – 13.

de Genevraye, Patrick, and Samuel, Luki, 1973, Geology of the Kendeng zone (central and east Java): Indonesian Petroleum Assoc., 1st Ann. Convention. Jakarta, Proc., p. 17-30.

Doornkamp, J. C. (1986). *Geomorphological approaches to the study of neotectonics*. Journal of the geological society, 143(2), 335-342.

El Hamdouni, R., Irigay, C., Fernandes, T., Chacon, J., dan Keller, E. A., 2007. *Assessment of Relative Active Tectonics, Southwest Border of Sierra Nevada (Southern Spain)*. Geomorphology, 96, 150-173.

Fisher, R.V., dan Schmincke, H.M., 1984. *Pyroclastic Rocks*, Springer – Verlag, Berlin, 472 hal.

Fleuty, M.J., 1964, *The Description of Folds. Proceedings of the Geologists Association*, 75.

Flint R. F. & B. J. Skinner 1974. *Physical Geology*. 497 pp., numerous illustrations. John Wiley, New York, London, Sydney & Toronto.

Garrote, J., Cox, R.T., Swann, C., dan Ellis, M., 2006, *Tectonic geomorphology of the southeastern Mississippi Embayment in Northern Mississippi, USA*, Geological Society of America Bulletin.

Hall, R. & Smith, R. H., 2008, *Cenozoic arc processes in Indonesia: Identification of the key influences on the stratigraphic record in active volcanic arcs*: Geological Society of America Special Paper 436, p. 27–54.

Hamilton, W., 1979, *Tectonics of the Indonesian region*: U.S. Geological Survey Professional Paper 1078, 345 p.

Hidayat, E. 2009. Analisis Morfotektonik Sesar Lembang, Tesis Magister, Institut Teknologi Bandung (tidak dipublikasikan).

Hidayat, R. & Husein, S., 2008, Analisis Indeks Geomorfik secara Kuantitatif Daerah Aliran Sungai Ngalang, Kecamatan Gedangsari, Kabupaten Gunung Kidul, Provinsi Daerah Istimewa Yogyakarta. Prosiding Seminar Geologi Nuklir dan Sumber Daya Tambang Tahun 2008. Pusat Pengembangan Teknologi Nuklir – BATAN. 292 – 302.

Hobbs, B.E., W.D. Means, and P.E. Williams. 1976. *An Outline of Structural Geology*. John Wiley & Sons, New York, 571 p.

Howard, A. D., 1967, *Drainage Analysis in Geologic Interpretation*. Bulletin AAP,. Vol. 51 No. 11.

Katili, J.A., 1975, *Volcanism and Plate Tectonics in the Indonesian Island Arcs, Tectonophysics*, 26, hal.165-188.

Keller, E. A. and PinterN., 1996, *Active Tectonics (Earthquake, Uplift, and Landscape)*, Prenstise Hall, Upper Saddle River, New Jersey 07458.

Lisle, R.J., 2004, *Geological Structures and Maps; A Practical Guide*, Third Edition, Elsevier Butterworth-Heinemann, Cardiff University.

Lobeck A.K., 1939, *Geomorphology*, New York and London, Mc Graw-Hill Book Company Inc.

Mahmood, S. A. dan Gloaguen, R. (2012). *Appraisal of active tectonics in Hindu Kush: Insight from DEM derived geomorphic indices and drainage analysis*, Geoscience Frontiers, 3, 407 – 428.

Martodjojo, S. dan Djuhaeni, 1996. *Sandi Stratigrafi Indonesia*, Komisi Sandi Stratigrafi Indonesia, Ikatan Ahli Geologi Indonesia, Jakarta.

Mason L. Hill, 1976, *Structural Geology*, Whitter, California, a syllabus for instruction in Departement of Geologi at the Institut Teknologi Bandung, Indonesia.

Masoud, A. A. and Koike, K., 2011. *Auto-detection and integration of tectonically significant lineaments from SRTM DEM and remotely-sensed geophysical data*, ISPRS Journal of Photogrammetry and Remote Sensing, Vol. 66, 818–832.

Mayer, L., 1990, *Introduction to Quantitative Geomorphology*, Prentice-Hall, Englewood Cliffs, NJ.

Miller V, 1953, *A Quantitative Geomorphic Study of Drainage Basin Characteristics*

Moody, J.D., and M.J. Hill. 1956. *Wrench Fault Tectonics*, Geological Society of America Bulletin, v. 67, p.1207 – 1246.

Mount, J.F. and Signor, P.W., 1985. *Early Cambrian innovation in shallow subtidal environments: Paleoenvironments of Early Cambrian shelly fossils*. Geology, 13(10), pp.730-733.

- Naylor, M.A., Mandl, G. and Sijpesteijn, C.H.K. (1986). *Fault geometries in basement-induced wrench faulting under different initial stress states*. *Journal of Structural Geology* 8:7, 737–752.
- Neawsuparp, K. and Charusiri, p., 2004. *Lineaments Analysis Determined from Landsat Data Implication for Tectonic Features and Mineral Occurrences in Northern Loei Area, NE Thailand*, ScienceAsia, vol. 30, 269-278.
- O'Leary, D. W., Friedman, J. D., and Pohn, H. A. (1976). "Lineament, linear, lineation: Some proposed new standards for old terms", Geological Society America Bulletin 87: 1463-1469.
- Pannekoek, A. J, 1949, *Outline of the Geomorphology of Java*, Tijdschrift Van Het Koninklijk Netherland Aa Rdijkskunding Geotshap. E. J. Brill. Leiden.
- Park, R. G. 2005. *Foundation of Structural Geology* (reprint of the 1997 Chapman and Hall edition) Routledge, Abingdon, England.
- Pettijohn, F. J., 1975. *Sedimentary Rocks : Thrid Edition*, Happer & Row Publishe, New York.
- Picard, D.M. 1971. Classification of fine – grained sedimentary rocks. *Journal of Seedimentary Research* (1971) 41 (1): 179 – 195.
- Pinter, N., 2002, *Applications of tectonic geomorphology for deciphering active deformation in the Pannonian Basin, Hungary*, Occasional Papers of the Geological Institute of Hungary, volume 204.
- Pulunggono, A & Martodjojo S, 1994, Perubahan Tektonik Paleogen – Neogen merupakan Peristiwa Tektonik penting di Jawa. In: Proc. Seminar Geologi dan Geotektonik Pulau Jawa sejak Akhir Mesozoik hingga Kuarter, Geol.Dept.Gadjah Mada University, Yogyakarta, p. 37 – 51.

Pramumijoyo, S., 2000. *Existing active fault at Semarang, Central Java, Indonesia: Revealed by remote sensing and field observation. Proceeding of the HOKUDAN International Symposium and School on Active Faulting. Hyogo, Japan.* pp. 383-385.

Price, N. J., 1966. *Fault and Joint Development in Brittle and Semi Brittle Rock.* Pergamon Press, New York.

Pringgoprawiro dan Harsono., 1983, *Biostratigrafi dan Paleogeografi Cekungan Jawa Timur Utara, Suatu Pendekatan Baru*, Disertasi Doktor, Institut Teknologi Bandung.

Rickard, M.J., 1972, *Fault Classification Discussion: Geological Society of America Bulletin*, vol. 83, pp. 2545-2546.

Satyana A.H., Purwaningsih M.E.M., 2002, *Lekukan Struktur Jawa Tengah: Suatu Segmentasi Sesar Mendatar*, IAGI, Yogyakarta.

Schmidt, R., 1981. *Descriptive nomenclature and classification of pyroclastic deposits and fragments: Recommendations of the IUGS Subcommission on the Systematics of Igneous Rocks.* Geology, Vol. 9, 41–43.

Schumm, A. S., Dumont, J.F., Holbrook, J. M., 2000, *Active Tectonics and Alluvial Rivers*, Cambridge University Press.

Simpson, J.F. 1968. *Solar Activity As a Triggering Mechanism For Earthquakes.* Earth and Planetary Science Letters. Volume 3. 417-425.

Simandjuntak, T.O., 2003. *Atlas Geologi Indonesia.* Pusat Penelitian dan Pengembangan Geologi, Bandung.

Soeria-atmadja, R; Bellon, R.C, Pringgoprawiro, Polve, M . dan Priadi, B., 1994 Tertiary Magmatic belts in Java *J.SE Sci.*, 9 , No. 7-2:13-27

Strahler, A.N., 1952, *Dynamic Basis of Geomorphology*, Geological Society of America Bulletin.

Strahler, A.N., 1952, *Hypsometric (area-altitude) analysis of erosional topography*, Geological Society of America Bulletin.

Stewart, L. S., and Hancock, P. L., 1994, *Continental Deformation Neotectonics*, First Edition, Pergamon Press, London, pp 370 – 409.

Streckeisen, Albert, 1974. *Classification and nomenclature of plutonic rocks recommendations of the IUGS subcommission on the systematics of Igneous Rocks*. Geologische Rundschau 63 (2): 773–786.

Streckeisen, A. L., 1978, *IUGS Subcommision of Sistematics of Igneous Rocks. Classification and Nomenclature of Volcanic Rocks, Lamprophyres, Carbonatite, and Melilite Rocks*. Recomendations and Suggestions. Neues Jahruch fur Mineralogie, Abhandlungen, Vol.141, 1-14.

Supartoyo (2008). Tektonik Aktif Sesar Cimandiri, Kabupaten Sukabumi, Provinsi Jawa Barat, Tesis Magister, Institut Teknologi Bandung (tidak dipublikasikan).

Supartoyo (2014). Geomorfologi Tektonik Sesar Cimandiri Daerah Sukabumi, Provinsi Jawa Barat, Disertasi Doktor, Institut Teknologi Bandung (tidak dipublikasikan).

Thanden. R.E, Sumadirdja. H, P.W. Richards, K. Sutisna, T.C. Amin, 1996, *Geological Maps of the Magelang and Semarang sheets , Java*. Pusat Survey Geologi:Bandung.

Thannoun, R.G., (2013), *Automatic Extraction and Geospatial Analysis of Lineaments and their Tectonic Significance in some areas of Northern Iraq using Remote Sensing Techniques and GIS*, International Journal Of Enhanced Research In Science Technology & Engineering Bulletin, Vol. 2

Thornbury W.D., 1969, *Principles of Geomorphology*, New York, John Wiley and Sons.

Twiss, R. J. and Moores, E. M, 1992, Structural geology, W. H. Freeman & Co., New York.

van Bemmelen, R.W. 1949. *The Geology of Indonesia*. The Goge, Martinus Nijhoff, vol.IA.

van Zuidam R.A. and van Zuidam-Cancelado F.I., 1979, *Terrain Analysis and Classification Using Aerial Photograph: A Geomorphological Approach*, International Institut for Aerial Survey and Earth Sciences (ITC), The Netherlands.

van Zuidam, R. A., 1983. *Guide to Geomorphologic Aerial Photographic Interpretation and Mapping*, ITC, Netherlands.

Verdiansyah, O., 2018, Kajian Studio Menggunakan metode *Lineament Density Analysis* Untuk menentukan Target mineralisasi Baru Di Pegunungan Kulonprogo, Perbatasan Yogyakarta Dan Jawa Tengah, International Journal of Geography.

Verdiansyah, O., dan Hartono, H.,G.,2018). Aplikasi *Lineament Density Analysis* Untuk Membatasi Pola Kaldera Purba Godean. Jurnal Teknologi Technoscientia 9 (2).

Visser, S., 1922. *Inland and Submarine Epicentra of Sumatra and Java Earthquake*. Koninklijk Magnatisch en Meteorologisch Observatorium te Batavia, 9, 1-4.

Wenworth, C.K. 1922. *A Scale of Grade and Class Term for Clastic Sediments* *Journal of Geology*, Vol. XXX: 377-392.

Yulihanto, B., Sriwahyuni, L., Situmorang, B. 1995, Peranan tektonik tarikan pada perkembangan runtunan pengendapan Tersier di bagian Barat kawasan

daratan cekungan Jawa Timur Utara. Pros. Diskusi Ilmiah VIII PPTMGB  
“Lemigas”.

Yeats, R.S., Sieh K., Allen C.R., 1997, *The Geology of Earthquake*, Oxford University.

<https://earth.google.com/web/@-7.5956346,111.9040915,59.09171132a,11521.51762513d,35y,0h,0t,0r>  
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