

## DAFTAR PUSTAKA

- Anonim. (2004). *Instruction Manual Model G and D Gravimeters*. United States: Lacoste-Romberg.
- Anshori, C. (2007). Petrogenesis Basalt Sungai Medana Karangsambung Berdasarkan Analisis Geokimia. *Jurnal Riset Geologi & Pertambangan* Jilid 17 No 1. hal 37 -50.
- Arisbaya I. dan Handayani L. (2018). *Beneath the Scaly Clay and Clay Breccia of Karangsambung Area*. IOP Conf, Earth and Enviromental Science 118. doi:10.1088/1755-1315/118/1/012005
- Asikin, S., Handoyo, A., Hendrobusono, S., Gafoer, S., (1992). *Geology of the Kebumen Quadrangle, Java*, scale 1:100.000, GRDC, Bandung.
- Asikin, S. (1992). *Peta Geologi Regional Lembar Banyumas*. Pusat Penelitian dan Pengembangan Geologi, Bandung.
- Asikin S. (1974). Evolusi geologi Jawa Tengah dan Sekitarnya ditinjau dari Segi Teori Tektonik Dunia yang Baru. Desertasi Doktor, Institut Teknologi Bandung, tidak dipublikasikan, 103 Hal.
- Athmania, D. dan Archour H. (2014) *External validation of the ASTER GDEM2, GMTED2010 and CGIAR-CSI-SRTM v4.1 free Access Digital Elevation Models (DEMs) in Tunisia and Algeria*. *Jurnal Remote Sens.* 2014, 6 4600-4620.
- Blakely, R. J. (1996). *Potential Theory In Gravity and Magnetic Application*. Edinburgh: Cambride University Press.
- Bogie, I. dan Mackenzie, K.M., ( 1998.) *The application of a volcanic facies models to an andesitic stratovolcano hosted geothermal system at Wayang Windu, Java, Indonesia*. *Proceedings of 20th NZ Geothermal Workshop*, h.265-276.
- Bousquet R., El Mamoun, R., Saddiqi, O. & Goffé, B., (2008) *Mélanges and ophiolites during the Pan-African orogeny: The case of the Bou-Azzer ophiolite suite (Morocco)*, Geological Society, London, Special Publications, 297: 233-247

- Bousquet, R., (2008). *Metamorphic heterogeneities within a same HP unit: overprint effect or metamorphic mix?* Lithos, in press. Volume 103, Issue 1-2. p 46-69.
- Bousquet, R., Goffé, B., Vidal, O., Oberhänsli, R. & Patriat, M., (2002.) *The tectono-metamorphic history of the Valaisan domain from the Western to the Central Alps: New constraints for the evolution of the Alps*. Bulletin of the Geological Society of America 114(2), 207-225.
- Brandon, M. T. & Vance, J. A., (1992). *Tectonic evolution of the Cenozoic Olympic subduction complex, Washington State, as deduced from fission track ages for detrital zircons*. American Journal of Science, 292, 565-636.
- Brandon, M. T. & Calderwood, A. R., (1990). *High-pressure metamorphism and uplift of the Olympic subduction complex*. Geology, 18, 1252-1255.
- Cloos, M., (1986). *Blueschists in the Franciscan Complex of California : Petrotectonic constraints on uplift mechanisms*. In: *Blueschists and Eclogites* (eds Evans, B. W. & Brown, E. H.) Geological Society of America Memoir, pp. 77-94, Geological Society of America, Boulder.
- Cloos, M., (1984). *Flow melanges and the structural evolution of accretionary wedges*. Geological Society of America Special Paper, 198, 71-79.
- Collins, A. S. & Robertson, A. H. F., (1997). *Lycian melange, southwestern Turkey: An emplaced Late Cretaceous accretionary complex*. Geology, 25(3), 255-258.
- Corfield, R. I., Searle, M. P. & Green, O. R., (1999). *Photang thrust sheet: an accretionary complex structurally below the Spontang ophiolite constraining timing and tectonic environment of ophiolite obduction, Ladakh Himalaya, NW India*. Journal of the Geological Society, 156, 1031-1044.
- Cowan, D. S. & Brandon, M. T., (1994). *A Symmetry-Based Method for Kinematic Analysis of Large-Slip Brittle Fault Zones*. American Journal of Science, 294(3), 257-306.
- Cowan, D. S., (1978). *Origin of Blueschist-Bearing Chaotic Rocks in Franciscan Complex, San-Simeon, California*. Geological Society of America Bulletin, 89(9), 1415-1423.

- Dampney, N. G. (1969). *The Equivalent Source Technique*. Journal Geophysics, Vol. 34(No. 1), 39–53.
- Dermawan, A. (2010). *Rekonseptualisasi dan Pemrograman Reduksi Data Gravitasi Serta pemetaan ke Koordinat Teratur (Gridding) Menggunakan Bahasa Pemrograman*. Tesis: Universitas Gadjah Mada.
- Featherstone, W. E., dan Dentith, M. C. (1998). *A Geodetic Approach to Gravity Data Reduction for Geophysics*. Journal Computers Dan Geosciences, Vol. 23(No. 10), 1063–1070.
- Ferrière, J., Bertrand, J., Simantov, J. & De Wever, P., (1988). *Comparaison entre les formations volcano-détritiques (“Mélanges”) du Malm des Hellénides internes (Othrys, Eubée): implications géodynamiques*. Bulletin of the Geological Society of Greece, 20, 223-235.
- Gansser, A., (1974). *The Ophiolitic Mélange, a World-wide Problem on Tethyan Examples*. Eclogae Geologicae Helvetiae, 67(3), 479-507.
- Grandis, H. (2009). Pengantar Pemodelan *Inversi Geofisika*. Institut Teknologi Bandung, Bandung
- Grant, F. S., dan West, G. F. (1965). *Interpretation Theory In Applied Geophys*. New York: McGraw-Hill Book Company.
- Greenly, E., (1891). *The geology of Anglesey*. Memoir-Geological Survey of Great Britain.
- Guntoro A., (1996). *Tectonic Evolution and Crustal Structure of the Central Indoensian Region From Geology, Gravity and Other Geophysical Data*. PhD Thesis, University of London.
- Hammer, S. (1938). *Terrain Corrections For Gravimeter Stations*. Journal Geophysics, Vol. 293(No. 1936), 292–293.
- Harloff, C.E.A. (1933)- *Geologische kaart van Java, Toelichting bij Blad 67 (Bandjarnegara), 1:100 000*. Dienst Mijnbouw Nederlandsch-Indie, Bandung, p. 1-47.
- Harsolumakso A. H., dkk., (2016). *Lok Ulo Melange Complex, Central Java, Indonesia; Characteristics, origin and Tectonic Significance*, 13th Annual meeting Asia Oceania Geoscience Society. Beijing. SE21-A030

- Harsolumakso, A.H. (1999). Diabas di Daerah Karangsembung, Lok Ulo, Kebumen, Jawa Tengah; Apakah bentuk Kelompok Batuan Basaltik Berupa Tubuh Intrusif?. Prosiding Seminar nasional Sumberdaya Geologi, FT -UGM. 20-21 September 1999: p. 1- 6.
- Harsolumakso, A.H. dan Noeradi D. (1996). Deformasi pada Formasi Karangsembung, di Daerah Lok Ulo, Kebumen, Jawa Tengah. Buletin Geologi, Vol .26, No.1. hal 45-54
- Hutabarat, J. (2018) Tinjauan Keterdapatan batuan Mafik dan Ultramafik sebagai Komponen Asing dalam Komplek Melange Lok Ulo, Karangsembung, Jawa Tengah. Makalah Penelitian Mandiri (2018). Laboratorium Geokima dan Geothermal, FTG UNPAD
- Höck, V., Koller, F., Meisel, T., Onuzi, K. & Kneringer, E., (2002). *The Jurassic South Albanian ophiolites: MOR- vs SSZ-type ophiolites*. Lithos, 65, 143-164.
- Jolivet, L., Goffé, B., Bousquet, R., Oberhänsli, R. & Michard, A., (1998). *Detachments in high-pressure mountain belts, Tethyan examples*. Earth and Planetary Science Letters, 160, 31-47.
- Kamtono K. (1995). Penafsiran Penampang Gaya Berat Dua Dimensi dan Implikasinya Terhadap kedudukan Blok-Blok Melange Luh Ulo, karangsambung, Jawa Tengah, Magister thesis at Program Geophysical Engineering, Bandung Institute of Technology.
- Kane, M. F. (1962). *A Comprehensive System of Terrain Corrections Using a Digital Computer*. Journal Geophysics, Vol. 27(No. 4), 455–462.
- Kusky, T. M., Bradley, D. C., Haeussler, P. J. & Karl, S., (1997). *Controls on accretion of flysch and melange belts at convergent margins: Evidence from the Chugach Bay thrust and Iceworm melange, Chugach accretionary wedge, Alaska*. Tectonics, 16(6), 855-878.
- Le Pichon, X., Bergerat, F. & Roulet, M.-J., (1988). *Plate kinematics and tectonics leading to the Alpine belt formation: A new analysis*. In: *Processes in Continental Lithospheric Deformation* (eds Clark, S. P., Burchfiel, B. C. & Suppe, J.), pp. 111-131, Geological Society of America Special Paper.
- Li, X., dan Gotze, J. (2001). *Tutorial Ellipsoid, Geoid, Gravity, Geodesy, and*

- Geophysics. Journal Geophysics*, Vol. 66(No. 6), 1660–1668.
- Longman, I. M. (1959). *Formulas for Computing the Tidal Accelerations Due to the Moon and the Sun*. *Journal Geophysics*, 64(12), 2351–2355.
- Nagy, D. (1966). *The Gravitational Attraction Of A Right Rectangular Prism*. *Journal Geophysics*, Vol. 31(No. 2), 362–371.
- Okay, A. I., SatÄ±r, M., Maluski, H., Siyako, M., Monié, P., Metzger, R. & Akyüz, S., (1996). *Paleo- and Neo-Tethyan events in northwest Turkey: geological and geochronological constraints*. In: *Tectonics of Asia* (eds Yin, A. & Harrison, M.), pp. 420-441, Cambridge University Press.
- Parkinson, C. D., (1996.) *The origin and significance of metamorphosed tectonic blocks in melanges: Evidence from Sulawesi, Indonesia*. *Terra Nova*, 8(4), 312-323.
- Pirttijarvi, M. (2008). *Gravity Interpretation and Modelling Software Based on a 3-D Block Model*. User Guide: University of Oulu.
- Potel, S., Ferreira-Mählmann, R., Stern, W. B., Mullis, J. & Frey, M., (2006). *Very Low-grade Metamorphic Evolution of Pelitic Rocks under High-pressure/Low-temperature Conditions, NW New Caledonia (SW Pacific)*. *Journal of Petrology*, 47(5), 991-1015.
- Prasetyadi C. dkk., (2006). *The Occurency of Newly Found Eocene tectonic Melange in Karangsambung Area, Central Java*. *Proceedings PIT IAGI 2006*, Pekanbaru.
- Pulunggono, A. dan Martodjojo, S., (1994). *Perubahan tektonik Paleogen – Neogen merupakan peristiwa terpenting di Jawa*. *Proccedings Geologi dan Geotektonik Pulau Jawa*: 37-50
- Puswanto, E. dan Hidayat. E., (2014) *Analnsis Paleostruktur lava basal-andesitik kali mandala dan diabas Gunung Parang*. *Prosiding pemaparan hasil penelitian pusat penelitian geoteknologi LIPI*
- Rahardjo, W., Sukandarumidi, and Rosidi, H.M.D., (1995). *Geological Map of The Yogyakarta Sheet, Jawa*, scale 1:100.000. Geolog.
- Ramsay, J. G. & Hubert, M., (1987). *The Techniques of Modern Structural Geology*. Academic Press Limited, London.

- Reynolds, J. M. (1998). *An Introduction To Applied And Environmental Geophysics*. United Kingdom: John Wiley and Son Ltd.
- Robertson, A., (2004). *Development of concepts concerning the genesis and emplacement of Tethyan ophiolites in the Eastern Mediterranean and Oman regions*. *Earth-Science Reviews*, 66(3-4), 331-387.
- Robertson, A. H. F., (2000). *Formation of melanges in the Indus suture Zone, Ladakh Himalaya by successive subduction-accretion, collisional and post-collisional processes during Late Mesozoic-Late Tertiary time*. In: *Tectonics of the Naga Parbat Syntaxis and the Western Himalaya* (eds Khan, M. A., Treloar, P. J., Searle, M. P. & Jan, M. Q.) Special Publication, pp. 333-374, Geological Society of London, London.
- Schureman, P. (1958). *Manual of Harmonic Analysis and Prediction of Tides*. Washington: United States Government Printing Office.
- Schwartz, S., Lardeaux, J.-M., Guillot, S. & Tricart, P., (2000). *Diversité du métamorphisme éclogitique dans le massif ophiolitique du Monviso (Alpes occidentales, Italie)*. *Geodynamica Acta*, 13, 169-188.
- Searle, M. P. & Malpas, J., (1980). *Structure and metamorphism of rocks beneath the Semail ophiolite of Oman and their significance in ophiolite obduction*. *Transactions of the Royal Society of Edinburgh: Earth Sciences*, 71, 247-262
- Setiawan N. I., Yuwono, Y. S. dan Sucipta IGB. E., (2011). Genesis batuan Vulkanik Tersier Dakah di Karangsambung, Kebumen, Jawa Tengah. *Majalah geologi Indonesia Vol 26. No 1. Hal 29-44*.
- Setyawan, A. (2005). Kajian Metode Sumber Ekuivalen Titik Massa Pada Proses Pengangkatan Data Gravitasi ke Bidang Datar. *Jurnal Berkala Fisika*, Vol. 8(No. 1), 7–11.
- Telford, W. M., Geldart, L. P., Sheriff, R. E. (1990). *Applied Geophysics Second Edition*. Australia: Cambridge University Press.
- Untung, M dan Sato, Y, (1978). *Gravity and Geology Studies in Jawa, Indonesia*. Special Publication, no.6, Geol. Sur. Of Indonesia & Geol. Sur. of Japan. 207 pp.
- Sujanto, F. X. dan Sumantri, Y. R. (1977). *Preliminary Study on the Tertiary*

*Depositional Patterns of Java. Bulletin of Scientific Contribution, Volume 13, Nomor 3. Desember 2015: 182-191*

Subagio (2008) Struktur Geologi Bawah Permukaan Daerah Kebumen Berdasarkan Analisis Pola Anomali Gaya Berat Dan Geomagnet, JSDG Vol 18, No 6 XII 391-407 p

Sujanto, F.X. & Sumantri, Y.R., (1975). *Preliminary study on the Tertiary depositional patterns of Java*. Proceedings Indonesia Petrol. Assoc., Sixth Annual Convention.

Suparka, M. E. (1988). Studi Petrologi dan Pola Kimia Komplek Ofiolit Karangsambung Utara Luh Ulo, Jawa Tengah, Desertasi Doktor. Institut Teknologi Bandung, Tidak dipublikasikan, 181 hal.

Setiawan, N.I., Yuwono, Y. S., Sucipta, I.G.B.E. (2011) *The Genesis of tertiary 'Dakah Volcanic' in Karangsambung, kebumen, Central Java*. Majalah Geologi Indonesia Volume 26. hal 29 -44.

Van Bemmelen, R.W. (1949). *The Geology of Indonesia, General Geology and Adjacent Archipelagoes, Volume I A.*. The Hague Martinus Nijhoff, Netherland, 26 h.

Verbeek 1891, Niethammer 1909, Harloff (1933) *Central Java Lok Ulo accretionary 'basement' complex*

Yuwono, Y.S., (1997). *The Occurrence of Submarine Arc-Volcanism in the Complex of The Luk Ulo Area, Central Java*. Buletin Geologi, 17, p. 15-26.