

DAFTAR PUSTAKA

- Abidin, H.Z., Andreas, H., Meilano, I., Gamal, M., Gumilar, I., Abdullah, C.I., *Deformasi Koseismik dan Pascaseismik Gempa Yogyakarta 2006 dari Hasil Survey GPS*, 2009, Jurnal Geologi Indonesia, Vol.4 No.4, Desember 2009 : 275-284.
- Afnimar, 2009, *Seismologi*, ITB, Bandung.
- Armanda, R., 2010, *Hubungan Kekerasan dan Kekompakan Batuan dengan Nilai Frekuensi dan Amplifikasi Mikrotremor, Daerah Cawas Kabupaten Klaten dan Daerah Tawang Sari Kabupaten Sukoharjo provinsi Jawa Tengah*, Skripsi, Teknik Geologi Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta (tidak dipublikasikan).
- Bard, P.Y., 1998, *Microtremor measurements : A tool for site effect estimation ?*, Proceedings of the 2nd International Symposium on the Effects of Surface Geology on Seismic Motion, pp. 1251-1279, Jepang.
- Daryono, 2011, *Indeks Kerentanan Seismik Berdasarkan Mikrotremor pada Setiap Satuan Bentuk lahan di Zona Graben Bantul, Daerah Istimewa Yogyakarta*, Disertasi, Program Pascasarjana Fakultas Geografi, Universitas Gadjah Mada, Yogyakarta (tidak dipublikasikan).
- Daryono, Sutikno, Sartohadi, J., Dulbahri, dan Brotopuspito, K.S., 2009, *Efek Tapak Lokal (Local Site Effect) di Graben Bantul Berdasarkan Pengukuran Mikrotremor*, International Conference Earth Science and Technology, Jurusan Teknik Geologi, Fakultas Teknik, U.G.M. h:119-124.
- Destegul, U., 2004, *Sensitivity Analysis of Soil Site Response Modelling in Seismic Microzonation for Lalitpur Nepal*, Enschede : Netherlands.
- Dhakal., 2004, *Empirical Relations For Earthquake Response Of Slope*, Delft : Netherlands.
- Djumarma, A., Soehaimi, A., and Mariyono, 2010, Geoseismic Research Concerning The Safeguard from The Earthquake Hazards to the world heritage of Prambanan Temple, *Bulletin Vulkanologi dan Bencana Geologi*, Vol. 5 No.2, Agustus 2010 : 7-13
- Fah, D., Ruttener, E., Noack, T., and Kruspan, P., 1997, *Microzonation of the City of Basel*, *Journal of Seismology*, Maret 1997 : 87-102.
- Fukushima, Y., and Tanaka, T., A new attenuation relation for peak horizontal acceleration of strong earthquake ground motion in Japan. *Bulletin of the Seismological Society of America*, 80(4), August 1990 : 757-783,.
- Ibrahim, G., dan Subardjo., 2004, *Pengetahuan Seismologi*, Badan Meteorologi dan Geofisika, Jakarta.
- Ishihara, K., and Ansal, A. M., 1982, *Dynamic Behavior of Soils, Soil Amplification and Soil Structure Interaction*, UNESCO

Karnawati, D., Pramumijoyo, S., and Hendrayana, H., 2006, *Geology of Yogyakarta, Java: The Dynamic Volcanic Arc* Cit, IAEG, No 363.

Lang, D.H., and Schwarz, J., 2004, *Instrumental Subsoil Classification of Californian Strong Ground Motion Site Based on Single Measurements*, Volume 1, pp.6.

Mac Donald & Partners, Binnie & Partners Hunting Technical Service, Ltd, 1984, *Greater Yogyakarta Groundwater Resources Study, Groundwater*, Vol. 3, 3A dan 3B, Groundwater Development Project (P2AT), Ministry of Public Works, Government of Republic, London.

Marsyelina, M., Wibowo, N.B., Darmawan, D., 2014, *Karakteristik mikrotremor dan analisis seismisitas pada jalur sesar Opak, Kabupaten Bantul, Yogyakarta, Jurnal Sains Dasar*, Vol.3 No 1, Februari 2014 : 95 – 101.

Naing, T., Pramumijoyo, S., Kawase, H., Suhendro, B., Hendrayana, H., 2009, *Determination of Sediment Thickness and Predominant Period in Southern Yogyakarta Basin Based on H/V Ratio from Microtremor Measurements and Bore Hole Data*, International Conference Earth Science and Technology, Jurusan Teknik Geologi, Fakultas Teknik, U.G.M. h:131-136.

Nakamura, Y., 1989, *A Method for Dynamic Characteristics Estimation of Subsurface using Microtremor on the Ground Surface*. Quarterly Report of RTRI, 30 (1): 25-33

Nakamura, Y., 1996, *Real Time Information Systems for Seismic Hazards Mitigation UrEDAS, HERAS and PIC*, Quarterly Report of RTRI, Vol.37, No. 3, 112-127.

Natawidjaja, D.H., Misteri Patahan Sumber Gempa Yogya 2006, *Majalah Geologi Populer Geomagz*, Vol.6 No 2, Juni 2016 : 24-29.

Partono, W., Irsyam, M., Prabandiyani, dan S., Marif, S., 2013, *Aplikasi Metode HVSR pada Perhitungan Faktor Amplifikasi Tanah di Kota Semarang*, *Jurnal Media Komunikasi Teknik Sipil*, Vol.19 No 2, Desember 2013: 125-134.

Puspitasari, D., 2014, *Tingkat Pengetahuan Siswa Kelas VII Dalam Mitigasi Bencana Gempabumi di SMP Negeri 1 Prambanan Kabupaten Klaten*, Naskah Publikasi, Pendidikan Geografi, Universitas Muhammadiyah Surakarta, Surakarta.

Rahardjo, W., Sukandarrumidi, dan Rosidi, H. M. D., 1995, *Peta Geologi Lembar Yogyakarta*, Pusat Penelitian dan Pengembangan Geologi, Bandung.

Rusdin, A.A., Hadmoko, D.S., Sunarto, dan Saaduddin, 2016, *Analisis Pengaruh Karakteristik Sedimen dan Kedalaman Muka Airtanah Terhadap Indeks Kerentanan Seismik Kota Makassar*, Prosiding Seminar Nasional Geofisika, Makassar.

Saita, J., Bautista, M.L.P., and Nakamura, Y., 2004, *On Relationship Between the Estimated Strong Motion Characteristic of Surface Layer and the Earthquake Damage-Case Study at Intramuros, Metro Manila*, PaperNo. 905, 13th World Conference on Earthquake Engineering, Vancouver, B.C., Canada.



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KABUPATEN SLEMAN PROPINSI DIY DAN KABUPATEN KLATEN PROPINSI JAWA TENGAH

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Singh, S. K., Ordaz, M., and Pacheco, J. F., 2003, *Advances in Seismology with Impact on Earthquake Engineering*, pp. 75-82, International Handbook of Earthquake and Engineering Seismology, Volume 81, Jepang.

Sorensen, M. B., Oprsal, I., Bonnefoy-Claudet, S., Atakan, K., Mai, P.M., Pulido, N., and Yalciner, C., 2006, *Local Site Effects in Atakoy, Istanbul, Turkey, Due to a Future Large Earthquake in the Marmara Sea*, University of Bergen, Norway.

Surono, Toha, B., Sudarno, I., 1992, *Peta Geologi Lembar Surakarta-Giritontro*, Pusat Penelitian dan Pengembangan Geologi, Bandung.

Zhao, J.X., Irikura, K., Zhang, J., Fukusima, Y., Somerville, P.G., Asano, A., Saiki, T., Okada, H., and Takahashi, T., 2004, *Site Classification for Strong-Motion Stations in Japan Using H/V Response Spectral Ratio*. Paper No. 1278, 13th World Conference on Earthquake Engineering, Canada.