

DAFTAR PUSTAKA

- Alzwar, M., Akbar, N., Bachri, S. 1992. *Peta Geologi Lembar Garut dan Pameungpeuk, Jawa*. Bandung. Pusat Penelitian dan Pengembangan Geologi.
- Allis, R., Moore, J.N., McCulloch, J., Petty, S., DeRocher, T. 2000. *Karaha-Telaga Bodas, Indonesia: A Partially Vapor-Dominated Geothermal System*. Geothermal Resources Council Transactions, p. 217-222.
- Arisbaya, I., Aldinofrizal, Sudrajat, Y., Gaffar, E.Z., Hardja, A. 2018. *Model Sistem Panas Bumi Lapangan Karaha – Telaga Bodas Berdasarkan Inversi 2D Data Magnetotellurik*. Jurnal Riset Geologi dan Pertambangan, Pusat Penelitian Geoteknologi, Lembaga Ilmu Pengetahuan Indonesia.
- Browne, P.R.L. 1978. *Hydrothermal Alteration in Active Geothermal Fields*. Annual Reviews on Earth and Planetary Science, v.6, p. 229-50.
- Browne, P.R.L. 1978. *Hydrothermal Alteration*. Geothermal Institute, The University of Auckland.
- Bird, D.K., Schiffman, P., Elders, W.A., Williams, A.E., McDowell, S.D. 1983. *Calc-silicate Mineralization in Active Geothermal Systems*. California. Stanford University : Departement of Geology.
- DiPippo, R. 2016. *Geothermal Power Generation: Developments and Innovation*. Duxford, United Kingdom. Woodhead Publishing.
- Direktorat Jenderal Energi Baru, Terbarukan, dan Konservasi Energi, Pusat Sumber Daya Mineral, Batubara, dan Panas Bumi, Badan Geologi. 2016. *Buku Statistik EBTKE 2016*, Jakarta, Direktorat Panas Bumi, Direktorat Jenderal Energi Baru, Terbarukan dan Konservasi Energi, Kementerian Energi dan Sumber Daya Mineral.
- Direktorat Jenderal Energi Baru, Terbarukan, dan Konservasi Energi, Pusat Sumber Daya Mineral, Batubara, dan Panas Bumi, Badan Geologi. 2020. Fact Sheet: Update Kinerja Subsektor EBTKE Tahun 2020: [http://
http://ebtke.esdm.go.id/post/2020/07/28/2593/fact.sheet.update.kinerja.subsektor.ebtke.tahun.2020](http://ebtke.esdm.go.id/post/2020/07/28/2593/fact.sheet.update.kinerja.subsektor.ebtke.tahun.2020) (diakses 27 September 2020).

- Direktorat Panas Bumi, Ditjen EBTKE Pusat Sumber Daya Mineral, Batubara, dan Panas Bumi, Badan Geologi. 2017. *Potensi Panas Bumi Indonesia*, Jakarta, Direktorat Panas Bumi, Direktorat Jenderal Energi Baru, Terbarukan dan Konservasi Energi, Kementerian Energi dan Sumber Daya Mineral, hal 499-502.
- Elfina. 2017. *Updated Conceptual Model of The Patuha Geothermal Field, Indonesia*. Iceland: United Nations University–Geothermal Training Programme, p. 89-112.
- Fauzi, A., Permana, H., Indarto, S., Gaffar, E.Z., 2015. Regional Structure Control on Geothermal Systems in West Java, Indonesia. *Proceedings World Geothermal Congress 2015*, Melbourne, Australia, April 2015.
- Firdaus, F., Sutopo, Pratama, H.B. 2016. The Natural State Numerical Model of Patuha Geothermal Reservoir, Indonesia. *Proceedings The 4th Indonesia International Geothermal Convention & Exhibition*.
- Firmansyah, Sujarmaitanto, W., Mulyanto, H., Hartanto, D. B., Wicaksono, T. 2015. Geochemistry Monitoring in the Kamojang Vapor-dominated Geothermal Field from 2010 to 2013. *Proceedings World Geothermal Congress 2015*, Melbourne, Australia, April 2015.
- Goff, E. F., Janik, C.J. 2000. in Geothermal Systems. Encyclopedia of Volcanoes, edited by H. Sigurdsson, USA: Academic Press, p. 817-834.
- Gupta, H., Roy, S. 2007. Geothermal Systems *Geothermal Energy : An Alternative Resource For the 21st Century*. Hyderabad: Elsevier.
- 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, p. 353-432.
- Henley, R.W. Ellis, A.J. 1983. *Geothermal Systems Ancient and Modern: A Geochemical Review*. Belanda: Earth-Science Reviews, 19 p. 1-50
- Hochstein, M.P. 1990. *Classification and assessment of geothermal resources*. In : Dockson, M.H., Fanelli, M. (eds) Small Geothermal Resources, UNITAR/UNDP Centre for Small Energy Resources. Rome, Italy.

- Hochstein, M.P., Browne, P.R.L. 2000. *Surface Manifestations of Geothermal Systems With Volcanic Heat Resources*. Encyclopedia of Volcanoes p. 835-855. USA: Academic Press.
- Hochstein, M.P., Sudarman, S. 2015. Indonesian Volcanic Geothermal Systems. *Proceedings World Geothermal Congress 2015*. Melbourne, Australia, April 2015.
- Hullen, J.B., Sibbett, B.S., 1981. *Sampling and Interpretation of Drill Cutting from Geothermal Wells*. Utah. University of Utah Research Institute : Earth Science Laboratory.
- Koesmono, M., Kusnama, Suwarna, N. 1996. *Peta Geologi Lembar Sindangbarang dan Bandarwaru, Jawa*. Bandung. Pusat Penelitian dan Pengembangan Geologi.
- Kusdji. 2013. *Peta Geologi Hasil Interpretasi Citra Inderaan Jauh Ciwidey, Jawa Barat*. Bandung. Pusat Survei Geologi. Kementerian Energi dan Sumber Daya Mineral.
- Layman, E.B., Soemarinda, S. 2003. The Patuha Vapor-Dominated Resource West-Java, Indonesia. *Proceedings, 28th Workshop on Geothermal Reservoir Engineering* 2003, Stanford, California.
- Marsh, B.D. 2000. Magma Chambers, in *Geothermal Systems. Encyclopedia of Volcanoes*, edited by H. Sigurdsson, USA: Academic Press, p. 191-206.
- Moeck, I. S. 2014. *Catalog of geothermal play types based on geologic controls*. Renewable and Sustainable Energy Reviews 37 (2014), p. 871-874
- Moore, D.M., Reynolds, Jr., R.C. 1997. *X-Ray Diffraction and the Identification and Analysis of Clay Minerals*, Second Edition, Oxford University Press, p. 183-184
- Nemcok, M., Moore, J.N., Christensen, C., Allis, R., Powell, T., Murray, B., Nash, G. 2007. *Controls on the Karaha – Telaga Bodas Geothermal Reservoir, Indonesia*. Geothermics, February 2007.
- Nicholson, K. 1993. *Geothermal Fluids, Chemistry, & Exploration Techniques*, Springer Verlag Inc., Berlin

- Pradipta, R.A., Saepuloh, A., Suryantini. 2016. *Geology Structure Identification based on Polarimetric SAR (PolSAR) Data and Field Based Observation at Ciwidey Geothermal Field*. 5th ITB International Geothermal Workshop (IIGW 2016), IOP Conference Series : Earth and Environmental Science 42 (2016) 012008
- Pramumijoyo, P. 2020. Identifikasi Struktur Geologi dan Sumber Panas pada Lapangan Panas Bumi Patuha Berdasarkan Data Gravitasi (Tidak dipublikasikan, Tesis Magister Teknik Geologi): Universitas Gadjah Mada.
- Pratiwi, F., Yonezu, K., Harijoko, A., Watanabe, K., Elfina, Nurpratama, M. I., 2018. Characteristics of Hydrothermal Alteration in Eastern Part of Patuha Geothermal Field, West Java. *Proceedings Indonesia International Geothermal Convention & Exhibition*, September 2018
- Purnomo, B.J., Pichler, T. 2014. *Geothermal systems on the island of Java, Indonesia*. Journal of Volcanology and Geothermal Research 285 (2014), p. 47-59
- Pusat Penelitian Panas Bumi FT UGM. 2020. Laporan Paska-Lapangan Evaluasi LiDAR, Struktur, dan Geologi Bawah Permukaan Lapangan Panas Bumi Patuha, Jawa Barat. Kerjasama PT Geo Dipa Energi dengan Pusat Kajian LKFT Universitas Gadjah Mada (Tidak dipublikasikan).
- Rachmawati, C., Suryantini, Abdurrahman, M. 2017. Northern Geothermal System Boundary of Patuha Geothermal Field Based on Integrated Study of Volcanostratigraphy, Geological Field Mapping, and Cold Springs Contamination by Thermal Fluids. *Proceedings Joint Convention HAGI- IAGI-IAFMI-IATMI (JCM 2017)*, Malang.
- Reyes, A.G. 1990. *Petrology of Philippine geothermal systems and the application of alteration mineralogy to their assessment*. Journal of Volcanology and Geothermal Research 43 (1990), p. 279-309, Amsterdam: Elsevier Science Publishers
- Reyes, A.G. 2000. *Petrology and mineral alteration in hydrothermal systems: From diagenesis to volcanic catastrophes*. Institute of Geological and Nuclear Sciences, New Zealand

- Sanyal, S.K., Butler, S.J. 2010. Geothermal Power Capacity of Wells in Non-Convective Sedimentary Formations. *Proceedings World Geothermal Congress 2010*, Bali, Indonesia, April 2010.
- Schotanus, Martijn. 2013, *The Patuha Panas bumi System: A Numerical Model Of A Vapor-Dominated System* [unpublished M.Sc. Thesis], Universiteit Utrecht, 86 p.
- Setiawan, I., Indarto, S., Sudarsono, S., Fauzi, A., Yuliyanti, A., Lintjewas, L., Alkausar, A., Jakah. 2017. *Geothermal and Volcanism in West Java*. Global Colloquium on GeoSciences and Engineering, IOP Conference Series : Earth and Environmental Science 118 (2018) 012074
- Siahaan, M.N., Soebandrio, A., Wikantika, K. 2011. *Geothermal Potential Exploration Using Remote Sensing Technique (Case Study : Patuha Area, West Java)*. 10th Annual Asian Conference and Exhibition on Geospatial Information, Technology & Applications
- Simmons, S.F., Christenson, B.W. 1994. *Origins of Calcite in a Boiling Geothermal System*. American Journal of Science, 294 (1994), p. 361-400
- Sribudiyani, Muchsin, N., Ryacudu, R., Kunto, T., Astono, P., Prasetya, I., Sapiie, B., Asikin, S., Harsolumakso, A. H., Yulianto, I., 2003. The Collision of The East Java Microplate and Its Implication For Hydrocarbon Occurences in The East Java Basin. *Proceedings Indonesian Petroleum Association* October 2003, IPA03-G-085
- Sriwana, T., van Bergen, M.J., Sumarti, S., de Hoog, J.C.M., van Os, B.J.H., Wahyuningsih, R., Dam, M.A.C. 1997. *Volcanogenic pollution by acid water discharges along Ciwidey River, West Java (Indonesia)*. Journal of Geochemical Exploration 62 (1998) p. 161-182
- Utami, P. 2000. Characteristics of The Kamojang Geothermal Reservoir (West Java) as Revealed by Its Hydrothermal Alteration Mineralogy. *Proceedings World Geothermal Congress 2000*, Kyushu-Tohoku, Japan, May-June 2000.

- Utami, P. 2011. *Hydrothermal Alteration and The Evolution of the Lahendong Geothermal System, North Sulawesi, Indonesia*, Ph.D. Thesis, The University of Auckland.
- van Bemmelen, R. W. 1970, *The Geology of Indonesia*, Martinus Nyhoff, The Hague, p. 27-28
- van de Kamp, P., Goranson, C., Bauer, S. 2005. *Swelling Clays in Moderate Temperature Geothermal Systems – Drilling Experiences at Hot Sulphur Springs, Nevada*. GRC Transactions, vol. 29, p. 541-544.
- Wahjosoedibjo, A. S., Hasan, M., 2018. Indonesia's Geothermal Development : Where is it Going?, *Proceedings 43rd Workshop on Geothermal Reservoir Engineering, Stanford University* February 2018, SGP-TR-213
- Wohletz, K, dan Heiken, G. 1992. *Volcanology and Geothermal Energy*. USA: University of California Press