DAFTAR PUSTAKA

Ashat, A., Pratama, H. B., & Itoi, R. (2018). Updating Conceptual Model of Ciwidey-Patuha Geothermal Using Dynamic Numerical Model. *7 th ITB International Geothermal Workshop 2018* (p. 9). Bandung: IOP Publishing.

Axelsson, G. (2010). Suitainable Geothermal Utilization . *Geothermics*, 287.

Bjarkason, E. K., O'Sullivan, J. P., Yeh, A., & O'Sullivan, M. J. (2018). Inverse Modeling of Natural State of Geothermal Reservoirs using Adjoint and Direct Methods. *Geothermics*, 88.

EK Clearwater, e. (2012). Modelling the Ohaaki Geothermal System. *Proceeding TOUGH Symposium 17-19 September 2012.* Barkeley,California.

Franco, A., & Vacarro, M. (2011). An Integrated "Reservoir Plant" Strategi For a Suitainable and efficient use of geothermal resources. *Energy*, 304.

Franco, A., & Vaccaro, M. (2013). Numerical simulation of geothermal reservoirs for the sustainable design of energy plants. *Renewable and Suistainable Energy Reviews*.

Franco, A., & Vaccaro, M. (2013). Numerical simulation of geothermal reservoirs for the sustainable design of energy plants. *Renewable and Sustainable Energy Reviews*, 989 & 991.

Fulignati, P., Marianelli, P., Sbrana, A., & Ciani, V. (2014). 3D Geothermal Modelling of the Mount Amiata Hydrothermal System in Italy. *Energies*.

Gudni, A. (2013). Dynamic Modelling of Geothermal Systems. *Short Course V on Conceptual Modelling of Geothermal Systems February 24 - March 2, 2013.* Santa Tecla, El Salvador: Iceland GeoSurvey & University of Iceland.

Habibirahman, S. A., Lestari, & Kustono, B. (2019). Perhitungan Potensi Cadangan Panasbumi Lapangan "X" Menggunakan Data Eksplorasi. *Jurnal Petro*, 21-22.

Kasbani. (1996). *Subsurface Hydrothermal Altration in The Ulumbu Geothermal Field, Flores, Indonesia (Doctoral Dissertation).* Auckland, New Zealand: The University of Auckland.

Kaya, E., Diaz, A. R., & Zarrouk, S. J. (2015). Reinjection in geothermal fields. *Renewble and Sustainable Energy Reviews*, 106.

Kaya, E., Zarrouk, S. J., & O’Sullivan, M. J. (2010). Reinjection in Geothermal Fields. *Renewable and Sustainable Energy Reviews*, 47-50.

Koech, V. K. (2014). *Numerical Geothermal Reservoir Modelling and Infiled Reinjection Design, Constrained by Tracer Test Data: Case Study for the Olkaria Geothermal Field Kenya.* Reykjavik, Iceland: United Nation University.

Kurniawan, I. (2018). An Inprove Natural State Model of Ulumbu Geothermal Field, East Nusa Tenggara. *Grand Renewble Energy 17-18 of June 2018.* Yokohama, Jepang: Reseach Gate.

Kurniawan, I., Sutopo, Pratama, H. B., & Adiprana, R. (2019). A Natural State Model and Resource Assessment. *7th ITB International Geothermal Workshop (IIGW2018) 21-23 Maret 2018* (pp. 4,7,8,9). Bandung, Indonesia: IOP Publishing.

Liao, S., Tairu, C., & Liu, G. (2019). Impacts of boundary conditions on reservoir numerical simulation. *Energy*.

O'Sullivan, M. J., Pruess, K., & Lippmann, M. J. (2001). The State of The Art of Geothermal Reservoir Simulation. *Geothermics*.

Ofwana, C. o. (2002). *A Reservoir Study of Olkaria East Geothermal System, Kenya.* Reykjavik, Iceland: United Nation University.

O'Sullivan, J., Dempsey, D., Croucher, A., Yeh, A., & O'Sullivan, M. (2013). Controlling Complex Geothermal Simulations Using PyTOUGH. *Proceeding 38th Workshop on Geothermal Reservoir Engineering 11-13 February 2013.* California: Stanford University.

O'Sullivan, M. J., & O'Sullivan, J. P. (2016). In *Reservoir Modeling and Simulation for Geothermal Resource Characterization and Evaluation* (pp. 171-172). Auckland: Elsevier Ltd.

O'Sullivan, M., Clearwater, E., Yeh, A., O'Sullivan, J., Shinde, A., Zarrouk, S., . . . Mannington, W. (2015). Computer Modelling Retrospective on Wairakei and Ohaaki. *Proceedings World Geothermal Congress 19-25 April 2015.* Melbourne.

Pearson-Grant, S. C., Franz, P., & Clearwater, J. (2017). Gravity Measurement as a Calibration tool for Geothermal Reservoir Modelling. *Geothermics*, 2 & 5.

Pruess, K., Oldenburg, C., & Moridis, G. (2012). *Tough2 user's guide, version 2.* Berkeley, California, USA: University of California.

Richard, F., Suharsono, H., & Nandiwhardana, D. (2013). Model Numerikal Reservoir Sistem Panasbumi Pada Daerah Topografi Relatif Datar untuk Mencari Kondisi Natural State dan Menganalisa Sensitivitas Panas pada Reservoir Menggunakan Software Tought2. *Seminar Nasional Informatika 2013, 18 Mei 2013* (pp. C-63). Yogyakarta : UPN Veteran Yogyakarta.

Saptadji, N. M. (2018). Teknik Geothermal. Bandung: ITB Press.

Sukhyar, R., & Danar, A. (2010). *Energi Panasbumi di Indonesia; Kebijakan Pengembangan dan Keputusan Investasi.* Bandung: Badan Geologi Kementrian ESDM.

Thunderhead Engineering. (2018). *Petrasim User Manual.* Manhattan: Tunderheadeng.

Toth, A., & Bobok, E. (2017). What is Geothermal. *Flow and Heat Tranfer in Geothermal System*, 1,8,9.

Widiatmoro, T. (2016). *A Study of Reinjection at Ulumbu Geothermal Field, Flores, Indonesia : A Two-Dimentional Reservoir Modelling Approach.* Auckland, New Zealand: Auckland University.

Younger, P. L. (2015). Geothermal Energy : Delivering on the Global Potential. *Energies*, 1&14.

PUSENLIS, PLN;. (2012). *Studi Terpadu-Studi Pendahuluan Lapangan Panasbumi Ulumbu Kab. Manggarai, NTT.* Jakarta: PLN.

GENZL. (1996). *Feasibility Study Report Ulumbu Mini Goeothermal Power Project Flores, Indonesia.* Manatu Aurore: Ministry of Foreign Affairs & Trade.

Hexagon, K., & Electroconsult. (2018). *Feasibility Study of Ulumbu and Mataloko Geothermal Power Plant Project.* Jakarta: PT.PLN

_____, Peraturan Presiden Republik Indonesia No.22/2017 tentang Rencana Umum Energi Nasional.

_____, Keputusan Menteri Energi dan Sumber Daya Mineral No 39 K/20/MEM/2019 tentang Rencana Usaha Penyedia Penyediaan Tenaga Listrik PT.PLN (Persero) 2019-2028.

_____, *Potensi Panas Bumi Indonesia Jilid 2* Kementrian ESDM Indonesia 2017.