

## DAFTAR PUSTAKA

- Aldrian, E. dan Susanto, R. D. 2003. Identification of Three Dominant Rainfall Regions Within Indonesia and Their Relationship to Sea Surface Temperature. *International Journal of Climatology*, 23(12): 1435–1452.
- Ali, M. 2015. Potensi Wisata Bahari Pulau Pasaran Bandar Lampung. *Prosiding Seminar Nasional Swasembada Pangan*, 1(April): 68–75.
- Ali, M., Maharani, H. W., Hudaidah, S., dan Fornando, H. 2015. Analisis Kesesuaian Lahan di Perairan Pulau Pasaran Provinsi Lampung untuk Budidaya Kerang Hijau (*Perna Viridis*). *Mispari Journal*, 7(2): 57–64.
- Alim, M. A., Rahman, A., Tao, Z., Samali, B., Khan, M. M., dan Shirin, S. 2020. Suitability of Roof Harvested Rainwater for Potential Potable Water Production: A Scoping Review. *Journal of Cleaner Production*. 248(2020): 119226.
- Antunes, P., dan Carvalho, M. R. 2018. Surface and Groundwater in Volcanic Islands: Water from Azores Islands. *Volcanoes of the Azores*, 1(1): 301–329.
- Aral, M. M. dan Taylor, S. W. 2011. *Groundwater Quantity and Quality Management*. Virginia: American Society of Civil Engineers.
- Arijuddin, B. I., Purnama, I. S., dan Nurjani, E. 2019. The Sustainability of Rainwater Harvesting for Supplying Domestic Water Demand in Yogyakarta City. *E3S Web of Conferences*. 76(04004): 1–6.
- Badan Pusat Statistik. 2013. Proyeksi Penduduk Indonesia - *Indonesia Population Projection 2010-2035*. Jakarta.
- Badan Standardisasi Nasional. 2002. *Standar Nasional Indonesia tentang Neraca Sumber Daya Air*. Indonesia.
- BAPPEDA Kota Bandar Lampung. 2005. Basis data lingkungan hidup daerah Kota Bandar Lampung. Lampung: Badan Perencanaan dan Pembangunan Daerah.
- Bailey, R. T., Jenson, J. W., Donald, R., dan Olsen, A. E. 2008. *Groundwater Resources of Atoll Islands: Observations, Modeling, and Management*. Technical Report, No.119. University of Guam: Water and Environmental Research Institute of The Western Pacific.
- Bailey, R. T., Jenson, J., Olsen, A. E. 2010. Estimating the ground water resources of Atoll Islands. *Water*, 2(1):1-27.
- Bailey, R. T., Kaitlyn, B., dan Corey D. W. 2016. Predicting Future Groundwater Resources of Coral Atoll Islands. *Hydrological Processes*, 30(13): 2092–2105.
- Ballard, R. D. 2000. *Encyclopedia of Volcanoes*. United States: Academic Press.
- Barlow, P M., And Eric G. Reichard. 2010. “Saltwater Intrusion In Coastal Regions of North America. *Hydrogeology Journal*, 18(1): 247–260.
- Belmar, Y. N., Karen E. M., dan Tiffany H. M. 2016. Water Security in Small Island Developing States: The Limited Utility of Evolving Governance Paradigms. *Wiley Interdisciplinary Reviews: Water*, 3(2): 181–193.
- Bird, E. 2008. *Coastal Geomorphology: An Introduction*. England: John Wiley & Sons Ltd.

- Blanchon, P. 2011. Geomorphic Zonation. Dalam Hopley, D. (Editor). *Encyclopedia of Modern Coral Reefs*. Netherlands: Springer Verlag.
- Bonita, R. dan Mardiyanto, M. A. 2015. Studi Water Balance Airtanah di Kecamatan Kejayan, Kabupaten Pasuruan, Provinsi Jawa Timur. *Jurnal Teknik ITS*, 4(1): 21–26.
- Buddemeier. 1992. Climate and Groundwater Resources on Atolls and Small Islands. *Weather and Climate*, 12(1): 1-9.
- Cahyadi, A., Marfai, M. A., Andryan, T., Wulandari, T., Hidayat, W. 2013. Menyelamatkan Masa Depan Pulau-Pulau Kecil Indonesia – Sebuah Pembelajaran Dari Pulau Pramuka, Kepulauan Seribu. *Prosiding Sarasehan Nasional*. Yogyakarta: Fakultas Geografi UGM.
- Cahyadi, A. 2015. Analisis Potensi Sumberdaya Air Pulau Karang Sangat Kecil (Studi Kasus Di Pulau Karang Pramuka, Kepulauan Seribu, DKI Jakarta). Yogyakarta: Program Pascasarjana Fakultas Geografi, Universitas Gadjah Mada.
- Canter, L.W. 1997. *Nitrates in Groundwater*. United States: CRC Press LLC.
- Comte, J. C., Olivier, B., Jean, L. J., dan Cabioch, G. 2010. Evaluation of Effective Groundwater Recharge of Freshwater Lens in Small Islands by the Combined Modeling of Geoelectrical Data and Water Heads. *Water Resources Research*, 46(6): 1-10.
- Cunliffe, D., Bartram, J., Briand, E., Chartier, Y., Colbourne, J., Drury, D., Lee, J., Schaefer, B., dan Surman-Lee, S. 2011. *Water Safety In Buildings*. Switzerland: World Health Organization.
- Cunliffe, D., Fawell, John., dan Sheenan, D. 2018. *Developing Drinking-Water Quality Regulations And Standards (General Guidance With A Special Focus On Countries With Limited Resources)*. Switzerland: World Health Organization.
- Ditjen Cipta Karya PU. 2007. Modul Proyeksi Kebutuhan Air dan Identifikasi Pola Fluktuasi Pemakaian Air. Jakarta: Kementerian Pekerjaan Umum dan Perumahan Rakyat
- Djuwansah, M. R. dan Narulita, I. 2011. Aplikasi Sistem Informasi Geografi Untuk Menduga Kuantitas Komponen Sumberdaya Air Bulanan Secara Spasial dengan Metoda Cn-Nrcs, Tegangan Airtanah dan Konduktivitas Hidraulik di Hulu DAS Citarum. *Jurnal Riset Geologi dan Pertambangan*. 21(1): 89-103.
- Effendi, H. 2003. *Telaah Kualitas Air Bagi Pengelolaan Sumberdaya dan Lingkungan Perairan*. Yogyakarta: Kanisius.
- Edmunds, W. M., dan Shand, P. 2008. *Natural Groundwater Quality*. United Kingdom: Blackwell Publishing Ltd.
- Falkland, A. C. 1993. Hydrology and Water Management on Small Tropical Islands. *Proceeding of the Yokohama Symposium on Hydrology of Warm Humid Regions*. July, 1993.
- Falkland, A.C., Custodio, E., Arenas, A. D., dan Simler, L. 1991. *Hydrology and Water Resources of Small Islands: A Practical Guide*. France: United Nations Educational, Scientific and Cultural Organization.
- Ferdinan, D. 2016. Kondisi Sosial Ekonomi Nelayan Kerang Hijau di Pulau

- Pasaran. *Jurnal Pendidikan Geografi Unila*, 1(1): 1–14.
- Fetter, C. W. 2001. *Applied Hydrogeology*. 4th Edition. United States of America: Pretince-Hall.
- Foster, S., Lawrence, A., dan Morris, B. 1998. *Groundwater in Urban Development: Assessing Management Needs and Formulating Policy Strategies (World Bank Technical Paper)*. World Bank.
- FTTM ITB. 2018. Perhitungan Curah Hujan Efektif dan Curah Hujan Wilayah. Institut Teknologi Bandung.
- Gladwell, J. S. dan Bone, M. 1988. Hydrology and Water Management Strategies in the Humid Tropics. *Water International*, 13(3): 123–129.
- Gregor, M. 2013. *Surface and Groundwater Quality Changes in Periods of Water Scarcity*. Netherlands: Springer Verlag.
- Hanebuth, T.J.J., Statterger, K., dan Bojanowski, A. 2009. Termination of The Last Glacial Maximum Sea-Level Lowstand The Sunda-Shelf. *Global And Planetary Change*, 66(1–2): 76–84.
- Hardisty, P. dan Ozdemiroglu, E. 2005. *The Economic of Groundwater Remediation and Protection*. Washington DC: CRC Press.
- Hermawan, E. 2010. Pengelompokan Pola Curah Hujan yang Terjadi di Beberapa Kawasan P. Sumatera Berbasis Hasil Analisis Teknik Spektral. *Jurnal Meteorologi dan Geofisika*, 22(90): 75–85.
- Hiscock, K. M. dan Bense, V. F. 2014. *Hydrogeology: Principles and Practice*. Second Edition. Oxford: Blackwell Publishing.
- Hong, H., Jianwen, Q., dan Liang, Y. 2010. Environmental Factors Influencing The Distribution of Total and Fecal Coliform Bacteria in Six Water Storage Reservoirs in The Pearl River Delta Region, China. *Journal of Environmental Sciences*, 22(5): 663–68.
- Irzalinda, V., Anggraini, G. F., dan Rahma, A. 2016. Characteristic of Social Demography, Father Involvement and Literacy Skills of Early Childhood in Pulau Pasaran, Lampung. *ISFCI*, 2(1): 141–151.
- Kay, R. dan Alder, J. 2005. *Coastal Planning and Management*. Second Edition. London: Taylor and Francis Group.
- Kementerian Kelautan dan Perikanan Indonesia. 2012. Pulau Pasaran. (online). <[http://www.ppk-kp3k.kkp.go.id/direktori-pulau/index.php/public\\_c/pulau\\_info/1886](http://www.ppk-kp3k.kkp.go.id/direktori-pulau/index.php/public_c/pulau_info/1886)> (Diakses 28 September 2019).
- Kindler, J., Russell, C. S., and Bower, B. T. 1984. *Modelling Water Demands*. London: Academic Press.
- Kim, K., Rajmohan, N., Kim, H. J., Kim, S. H., Hwang, G. S., Yun, S. T., Gu, B. Cho, M. J., dan Lee, S. H. 2005. Evaluation of Geochemical Processes Affecting Groundwater Chemistry Based on Mass Balance Approach: A Case Study in Namwon, Korea.” *Geochemical Journal* 39(4): 357–369.
- Kodoatie, R. J. 2012. *Tata Ruang Air Tanah*. Yogyakarta: Andi Offset.
- Kofinas, D., Mellios, N., Papageorgiou, E., dan Laspidou, C. 2014. Urban water demand forecasting for the Island of Skiathos, Greece. *Procedia Engineering*, 89(2014):1023-1030.

- Kovalevsky, V. S, Kruseman, G. P., dan Rushton, K. R. 2004. *Groundwater Studies an International Guide for Hydrogeological Investigations*. 3rd ed. Paris: UNESCO.
- Krasny, J. dan Sharp, J. M. 2007. *International Association of Hydrogeologists Groundwater in Fractured Rocks*. London: Taylor and Francis.
- Lerner, D. N. 2005 *Urban Groundwater Pollution*. Netherlands: A.A. Belkema.
- Lis, 2020. Kedaton Life Edisi Senin 3 Februari 2020. Koran Tribun Lampung. Hal 10.
- Maryono. A. 2016. *Memanen Air Hujan (Rainwater Harvesting)*. Yogyakarta: GMU Press.
- Moore, J. E. 2012. *Field Hydrogeology*. London: Taylor and Francis.
- Neuzil, C. E. 1986. Groundwater Flow in Low-Permeability Environments. *Water Resources Research*, 22(8): 1163–1195.
- Nezio, P. D., Timmermann, A., Tierney, J. E., Jin, F., Otto-bliesner, B., Rosenbloom, N., Mapes, B., Neale, R., Ivanovic, R. F., dan Montenegro, A. 2016. The Climate Response of The Indo-Pacific Warm Pool to Glacial Sea Level. *Paleoceanography*, 31(1): 866–894.
- Noor, N. M., Nursyam, H., Widodo, M. S., dan Risjani, Y. 2019. Biological Aspects of Green Mussels *Perna Viridis* Cultivated on Raft Culture in Pasaran Coastal Waters, Indonesia. *AAAL Bioflux*, 12(2): 448–456.
- Nunn, P. D. 1986. Small Island and Geomorphology: Review and Prospect in the Context of Historical Geomorphology. *The Royal Geographical Society*, 12(2): 227–239.
- Peraturan Menteri Kesehatan Republik Indonesia Nomor 32 Tahun 2017 tentang *Standar Baku Mutu Kesehatan Lingkungan dan Persyaratan Kesehatan Air untuk Keperluan Higiene Sanitasi, Kolam Renang, Solus Per Aqua, dan Pemandian Umum*.
- Peraturan Pemerintah Nomor 82 Tahun 2001 Tentang *Pengelolaan Kualitas Air dan Pengendalian Pencemaran Air*. Pemerintah Republik Indonesia.
- PBB. 1982. *The Status of the United Nations Convention on the Law of the Sea (UNCLOS)*. Jamaika.
- Pradita, J. 2011. Pemeriksaan Kualitas Bakteriologis Air Pada Konsumen Perusahaan Daerah Air Minum Way Rilau Kota Bandar Lampung. Bandar Lampung: Program Studi Teknik Sumberdaya Lahan dan Lingkungan. Politeknik Negeri Lampung.
- Pratiwi, E. 2019. Migrasi Penduduk Indramayu ke Pulau Pasaran Kelurahan Kota Karang Kecamatan Teluk Betung Timur, Kota Bandar Lampung. Bandar Lampung: Fakultas Keguruan dan Ilmu Pendidikan, Universitas Lampung.
- Praveena., Mangala, S., Abdullah, M. H., Bidin, K., dan Aris, A. Z. 2011. Understanding of Groundwater Salinity Using Statistical Modeling in a Small Tropical Island, East Malaysia. *Environmentalist*, 31(3): 279–287.
- Price, M. 1985. *Introducing Groundwater*. United Kingdom: Chapman & Hall.
- Pulau Pasaran. 2020. Data Kependudukan Pulau Pasaran.
- Purnama, I. S. 2010. *Hidrologi Airtanah*. Yogyakarta: Kanisius.
- Purnama, I. S. 2019. Materi Kuliah Geohidrologi Terapan. Fakultas Geografi. Universitas Gadjah Mada. Tidak untuk publikasi.

- Purnomo, A., dan Purwana, R. 2008. Dampak Cadmium Dalam Ikan Terhadap Kesehatan Masyarakat. *National Public Health Journal*, 3(2): 89–96.
- Qian, J. H., Robertson, A. W., dan Moron, V. 2010. Interactions Among ENSO, The Monsoon, and Diurnal Cycle in Rainfall Variability Over Java, Indonesia. *Journal of The Atmospheric Sciences*, 67(11): 3509–3524.
- Rahmayanti., Esti, A., dan Soewondo, P. 2015. Penyediaan Air Minum di Daerah Pesisir Kota Bandar Lampung Melalui Rainwater Harvesting. *Jurnal Teknik Lingkungan*. 21(2): 115–126.
- Rajendiran, T., Sabarathinam, C., Chandrasekar, T., dan Keesari, T. 2019. Influence of Variations in Rainfall Pattern on The Hydrogeochemistry of Coastal Groundwater — An Outcome Of Periodic Observation. *Env. Sci. and Poll. Res.*, 26(1): 29173–29190.
- Restina, D., Ramadhian, M. R., Soleha, T. U., dan Warganegara, E. 2019. Identifikasi Bakteri Escherichia Coli Pada Air PDAM dan Air Sumur di Kelurahan Gedong Air Bandar Lampung. *J Agromedicine*. 6(1): 58–62.
- Ristiawan, R., dan Purnama, I. S. 2014. Studi Ketersediaan Airtanah Bebas untuk Proyeksi Kebutuhan Air Domestik Kecamatan Ngemplak Kabupaten Sleman. *Jurnal Bumi Indonesia*. 1–10.
- Röttcher, K. 2020. Compare Water Supply and Water Demand — A Model For A Better Understanding of Water Management in Ancient Times by The Example of Assyrian Settlements Along The Habur River. *Irrig. and Drain*, 1(1): 1–11.
- Rustadi., dan Gurum, A.P. 2018. Pencitraan Geolistrik untuk Eksplorasi Airtanah di Ambarawa, Lampung. *Publikasi LPPM UNILA* (1): 1–6.
- Ryan, T. P. 2013. *Sample Size Determination and Power*. New Jersey: Wiley.
- Santosa, L. W. 2010. Kajian Genesis Bentuklahan dan Pengaruhnya Terhadap Hidrostratigrafi Akuifer dan Hidrokimia Sebagai Geoindikator Evolusi Airtanah Bebas Pada Bentanglahan Kuarter Kabupaten Kulonprogo Bagian Selatan, Daerah Istimewa Yogyakarta. Yogyakarta: Program Pascasarjana Fakultas Geografi, Universitas Gadjah Mada.
- Santosa, L. W. dan Adji, T. N. 2014. *Karakteristik Akuifer dan Potensi Airtanah Graben Bantul*. Yogyakarta: Gadjah Mada University Press.
- Santosa, L. W dan Adji, T. N. 2016. Kajian Genesis Bentuklahan dan Pengaruhnya terhadap Hidrostratigrafi Akuifer dan Hidrokimia Sebagai Geoindikator Evolusi Airtanah Bebas Pada Bentanglahan Kuarter Kabupaten Kulonprogo Bagian Selatan, Daerah Istimewa Yogyakarta. *Forum Geografi*. 2(1): 43-56.
- Schnegg, M. 2018. Institutional Multiplexity: Social Networks and Community-Based Natural Resource Management. *Sustainability Science*, 13(4): 1017–1030.
- Schneider, J. C., dan Kruse, S. E. 2005. Assessing Selected Natural and Anthropogenic Impacts on Freshwater Lens Morphology on Small Barrier Islands: Dog Island and St. George Island, Florida, USA. *Hydrogeology Journal*, 14(1–2): 131–145.
- Segurado, R., Costa, M., dan Duić, N. 2018. Integrated Planning of Energy and Water Supply in Islands. dalam *Renewable Energy Powered Desalination*

- Handbook: Application and Thermodynamics*, Diedit oleh Gude, V. G. United States: Elsevier Inc. Hal: 331.
- Singh, S. K., Zeddies, M., Shankar, U., dan Grif, G. A. 2019. Potential Groundwater Recharge Zones Within New Zealand. *Geoscience Frontiers*, 10(2019): 1065–1072.
- Singh, V. S. dan Gupta, C. P. 1999. Groundwater in a Coral Island. *Environmental Geology*, 37(1): 72–77.
- Subing, G. 2016. Pulau Pasaran Lampung Pulaunya Para Nelayan (online). <[www.poetramerdeka.com](http://www.poetramerdeka.com): <https://www.poetramerdeka.com/2016/08/pulau-pasaran-pulaunya-para-nelayan.html>> (diakses 28 September 2019).
- Sudarmadji., Hadi, P., dan Widyastuti, M. 2019. *Pengelolaan Sumberdaya Air Terpadu*. Cetakan Ketiga. Yogyakarta: Gadjah Mada University Press.
- Sugiyono. 2015. *Metode Penelitian Kombinasi (Mixed Methods)*. Bandung: Alfabeta.
- Tatas., Budipriyanto, A., Khoiri, M., Lestari, W., Rahman, A. 2015. Study on Water Balance in Poteran -A Small Island in East Java, Indonesia. *Procedia Engineering*, 125(1): 236–242.
- Todd, D. K., dan Mays, L. W. 2005. *Groundwater Hydrology*. Third Edition. United States: John Wiley & Son, Inc.
- Tompkins, E. L. 2005. Planning for Climate Change in Small Islands: Insights from National Hurricane Preparedness in the Cayman Islands. *Global Environmental Change*, 15(2): 139–149.
- Triatmodjo. 1998. Studi Keseimbangan Air di Pulau Jawa. *Jurnal Media Teknik*, 1(Feb): 32–38.
- UNESCO-IHP and UNEP. 2016. *Transboundary Aquifers and Groundwater Systems of Small Island Developing States: Status and Trends, Summary for Policy Makers*. Kenya.
- Undang-Undang Republik Indonesia Nomor 17 tahun 2019 tentang *Sumberdaya Air*. Pemerintah Republik Indonesia.
- Undang-Undang Republik Indonesia Nomor 27 Tahun 2007, tentang *Pengelolaan Wilayah Pesisir dan Pulau-Pulau Kecil*. Pemerintah Republik Indonesia.
- Verdiansyah, O., dan Hartono, H. 2017. Bayat Sebagai Kaldera Purba: Sebuah Gagasan Konsep untuk Mencari Mineralisasi Daerah Pegunungan Selatan. *Prosiding Seminar Nasional XII Rekayasa Teknologi Industri dan Informasi 2017 Sekolah Tinggi Teknologi Nasional Yogyakarta* 12(12): 229–236
- Waterhouse. 1984. Geological and Geomorphological Evolution of Small Island. *Proceeding Workshop Water Resources of Small Islands*. London: Commonwealth Science Council Tech.
- Weight, W. D. 2008. *Hidrogeology Field Manual*. 2nd ed. New York: McGraw-Hill.
- Westenbroek, S. M. 2010. *Groundwater Resources Program SWB — A Modified Thornthwaite-Mather Soil-Water- Balance Code for Estimating Groundwater Recharge*. United States: USGS.

- Wetzelhuetter, C. 2013. *Groundwater in the Coastal Zones of Asia-Pacific*. 7th ed. New York: Springer.
- White, I., Falkland, T., Perez, P., Dray, A., dan Overmas, M. 2004. Sustainable Development of Water Resources in Small Island Nations of the Pacific. *Proceedings of the 2nd Asia Pacific Association of Hydrology and Water Resources Conference*. Singapore. July, 2004.
- White, I. dan Falkland, T. 2010. Management of Freshwater Lenses on Small Pacific Islands. *Hydrogeology Journal*, 8(1): 227-246.
- WHO-UNICEF. 2012. *Rapid Assessment Of Drinking Water Quality - A Handbook For Implementation*. Switzerland: World Health Organization.
- Widada, S., Satriadi, A., dan Rochaddi, B. 2017. Kajian Potensi Airtanah Berdasarkan Data Geolistrik Resistiviti untuk Antisipasi Kekeringan di Wilayah Pesisir Kangkung, Kabupaten Kendal, Provinsi Jawa Tengah. *Jurnal Kelautan Tropis*, 20(1): 35–41.
- Widiyono, M. G., dan Hariyanto, B. 2016. Pemenuhan Kebutuhan Air Domestik di Daerah Potensi Rawan Kekeringan di Kecamatan Trowulan Kabupaten Mojokerto. *Swara Bhumi*, 1(1): 10–17.
- Wijayanti, P. R., Sholichin, M., dan Sisinggih, D. 2011. Analisa Kuantitas dan Kualitas Airtanah di Kecamatan Kubu Kabupaten Karangasem. *Jurnal Pengairan Universitas Brawijaya*, 4(2):1-11.
- Wright, T. L., Takahashi, T. J., dan Griggs, J. D. 1941. Plutons and Volcanoes. dalam Griggs, J. D. (editor). *Magma*. United States: University of Hawaii Press. Hal: 72.
- Yao, Y., Andrews, C., Zheng, Y., He, X., Babovic, V., dan Zheng, C. 2019. Development of Fresh Groundwater Lens in Coastal Reclaimed Islands. *Journal of Hydrology*, 573(March): 365–375.
- Younger, P. L. 2007. *Groundwater in the Environment*. Oxford, United Kingdom: Blackwell Publishing.