

- Adiat, K.A.N., Nawawi, M.N.M., dan Abdullah, K., 2012, Assessing the accuracy of GIS-based elementary multi criteria decision analysis as a spatial prediction tool - A case of predicting potential zones of sustainable groundwater resources: *Journal of Hydrology*, v. 440–441, p. 75–89, doi:10.1016/j.jhydrol.2012.03.028.
- Adji, T.N., dan Sejati, S.P., 2012, Identification of groundwater potential zones within an area with various geomorphological units by using several field parameters and a GIS approach in Kulon Progo Regency, Java, Indonesia: *Arabian Journal of Geosciences*, v. 7, p. 161–172, doi:10.1007/s12517-012-0779-z.
- Agarwal, E., Agarwal, R., Garg, R.D., dan Garg, P.K., 2013, Delineation of groundwater potential zone: An AHP/ANP approach: *Journal of Earth System Science*, v. 122, p. 887–898, doi:10.1007/s12040-013-0309-8.
- Ahr, W.M., 2008, Chapter One. Introduction, in *Geology of Carbonate Reservoirs: The Identification, Description, and Characterization of Hydrocarbon Reservoirs in Carbonate Rocks*, John Wiley & Sons, Inc, p. 1–12.
- Alihar, F., 2018, Penduduk dan Akses Air Bersih di Kota Semarang: *Jurnal Kependudukan Indonesia*, v. 13, p. 67–76.
- Anna, A.N., Priyono, K.D., Suharjo, S., dan Priyana, Y., 2016, Using Water Balance to Analyze Water Availability for Communities ( A Case Study in Some Areas of Bengawan Solo Watershed): *Forum Geografi*, v. 30, p. 166, doi:10.23917/forgeo.v30i2.2550.
- Astuti, P., dan Garnadi, A.D., 2009, On Eigenvalues and Eigenvectors of Perturbed Pairwise Comparison Matrices: *ITB Journal of Sciences*, v. 41, p. 69–77, doi:10.5614/itbj.sci.2009.41.2.1.
- Atmaja, R.R.S., Putra, D.P.E., dan Setijadji, L.D., 2019, Delineation of groundwater potential zones using remote sensing, GIS, and AHP techniques in southern region of Banjarnegara, Central Java, Indonesia, doi:10.1117/12.2548473.
- Badan Informasi Geospasial Republik Indonesia, 2021, Peta Rupa Bumi Digital Indonesia: 1:25.000, p. 1 Lembar, <https://tanahair.indonesia.go.id/portal-web/download/perwilayah> (diakses Januari 2021).
- Badan Pusat Statistik Kabupaten Rote Ndao, 2020, Kabupaten Rote Ndao Dalam Angka 2020: v. 4.

- Benzad, M.H.R., Charchi, A., Kalantari, N., Nejad, A.M., dan Vardanjani, H.K., 2018, Delineation of groundwater potential zones using remote sensing (RS), geographical information system (GIS) and analytic hierarchy process (AHP) techniques: a case study in the Leylia–Keynow watershed, southwest of Iran: *Carbonates and Evaporites*, v. 34, p. 1307–1319, doi:10.1007/s13146-018-0420-7.
- Bisri, M., 2012, *Air Tanah: Malang*, Tim UB Press, 130 p.
- Bolstad, P., 2016, *GIS Fundamentals : A First Text on Geographic Information System* 5th Edition: St. Paul, XanEdu, 769 p.
- Brunelli, M., 2015, *Introduction to the Analytic Hierarchy Process: Finland*, Springer Cham Heidelberg New York Dordrecht London, 83 p.,
- Cahyadi, A., Ayuningtyas, E.A., dan Prabawa, B.A., 2013, Urgensi Pengelolaan Sanitasi Dalam Upaya Konservasi Sumberdaya Air Di Kawasan Karst Gunungsewu Kabupaten Gunungkidul: *Indonesian Journal of Conservation*, v. 2, p. 23–32.
- Chakraborty, R., Pal, S.C., Malik, S., dan Das, B., 2018, Modeling and mapping of groundwater potentiality zones using AHP and GIS technique: a case study of Raniganj Block, Paschim Bardhaman, West Bengal: *Modeling Earth Systems and Environment*, v. 4, p. 1085–1110, doi:10.1007/s40808-018-0471-8.
- Delgado, M.G., dan Sendra, J.B., 2004, Sensitivity analysis in multicriteria spatial decision-making: A review: *Human and Ecological Risk Assessment*, v. 10, p. 1173–1187, doi:10.1080/10807030490887221.
- Devi, P.D.S., Srinivasulu, S., dan Raju, K.K., 2001, Hydrogeomorphological and groundwater prospects of the Pageru river basin by using remote sensing data: *Environmental Geology*, v. 40, p. 1088–1094, doi:10.1007/s002540100295.
- Departemen Teknik Geologi Universitas Gadjah Mada, 2021, Panduan Penulisan Sitasi dan Daftar Pustaka: , p. 5, [https://pasca.geologi.ugm.ac.id/file/panduan-penulisan-sitiran-pustaka-dan-daftar-pustaka\\_tesis/](https://pasca.geologi.ugm.ac.id/file/panduan-penulisan-sitiran-pustaka-dan-daftar-pustaka_tesis/).
- Edet, A.E., Okereke, C.S., Teme, S.C., dan Esu, E.O., 1998, Application of remote-sensing data to groundwater exploration: A case study of the Cross River State, southeastern Nigeria: *Hydrogeology Journal*, v. 6, p. 394–404, doi:10.1007/s100400050162.

- Ettazarini, S., 2007, Groundwater potentiality index: A strategically conceived tool for water research in fractured aquifers: *Environmental Geology*, doi:10.1007/s00254-006-0481-0.
- Gowd, S.S., 2004, Electrical resistivity surveys to delineate groundwater potential aquifers in Peddavanka watershed, Anantapur District, Andhra Pradesh, India: *Environmental Geology*, v. 1, p. 1–1, doi:10.1007/s00254-004-1023-2.
- Haas, R., dan Meixner, O., 2009, *An Illustrated Guide to the Analytic Hierarchy Process: University of Natural Resources and Applied Life Sciences*, Vienna, p. 40.
- Hadimuljono, B., dan Paulus, K., 2019, *Infrastruktur Air Tanah yang Berkelanjutan: Yogyakarta, Penerbit Andi*, 378 p.
- Hidayat, R., 2008, Potensi air tanah di cekungan air tanah Sambas, Provinsi Kalimantan Barat: *Indonesian Journal on Geoscience*, v. 3, p. 205–216, doi:10.17014/ijog.vol3no4.20083.
- Horton, R.E., 1932, Drainage-basin characteristics: *Eos, Transactions American Geophysical Union*, v. 13, p. 350–361, doi:10.1029/TR013i001p00350.
- Hunter, L.M., 2000, *Population and Environment: A Complex Relationship*, p. 120.
- Kaliraj, S., Chandrasekar, N., dan Magesh, N.S., 2013, Identification of potential groundwater recharge zones in Vaigai upper basin, Tamil Nadu, using GIS-based analytical hierarchical process (AHP) technique: *Arabian Journal of Geosciences*, v. 7, p. 1385–1401, doi:10.1007/s12517-013-0849-x.
- Kementerian PPN/Bappenas, 2019, *Rancangan Teknokratik Rencana Pembangunan Jangka Menengah Nasional 2020-2024: Rencana Pembangunan Jangka Menengah Nasional 2020-2024*, p. 313.
- Kementerian PUPR, 2016, *Rencana Program Investasi Jangka Menengah (RPIJM) Bidang Cipta Karya*, p. 1–17, [http://sippa.ciptakarya.pu.go.id/sippa\\_online/ws\\_file/dokumen/rpi2jm/DOCRPIJM\\_0adae0efb4\\_BAB\\_IIBAB\\_II\\_Profile\\_Kabupaten.pdf](http://sippa.ciptakarya.pu.go.id/sippa_online/ws_file/dokumen/rpi2jm/DOCRPIJM_0adae0efb4_BAB_IIBAB_II_Profile_Kabupaten.pdf).
- Klaas, D.K.S.Y., 2008, *Indigenous Water Management : Sustainable water conservation strategies in karstic dominated area in Rote Island , NTT Province , Indonesia: Monash University, Melbourne - Australia*, 171 p.
- Kodoatie, R.J., dan Syarief, R., 2012, *Tata Ruang Air: Yogyakarta : Andi*,

Cahaya, 143 p.

- Malawani, M.N., Cahyadi, A., dan Hartoyo, F.A., 2014, Analisis Kerentanan Air tanah Terhadap Pencemaran Sebagai Salah Satu Dasar Zonasi Kawasan Karst, in *Ekologi Lingkungan Kawasan Karst Indonesia: Menjaga Asa Kelestarian Kawasan Karst Indonesia*, Yogyakarta, p. 23–36, doi:10.31227/osf.io/p8uwr.
- Nainiti, N.P.P.E., Susanto, S., dan Sudira, P., 2004, Prediksi Sumberdaya Air di Pulau Kecil: Studi Kasus di Pulau Rote Nusa Tenggara Timur: *Manusia dan Lingkungan*, v. XI, p. 55–63.
- Nair, H.C., Padmalal, D., Joseph, A., dan Vinod, P.G., 2017, Delineation of Groundwater Potential Zones in River Basins Using Geospatial Tools—an Example from Southern Western Ghats, Kerala, India: *Journal of Geovisualization and Spatial Analysis*, v. 1, p. 1–16, doi:10.1007/s41651-017-0003-5.
- Panahi, M.R., Mousavi, S.M., and Rahimzadegan, M., 2017, Delineation of groundwater potential zones using remote sensing, GIS, and AHP technique in Tehran–Karaj plain, Iran: *Environmental Earth Sciences*, v. 76, p. 1–15, doi:10.1007/s12665-017-7126-3.
- Pinto, D., Shrestha, S., Babel, M.S., and Ninsawat, S., 2017, Delineation of groundwater potential zones in the Comoro watershed, Timor Leste using GIS, remote sensing and analytic hierarchy process (AHP) technique: *Applied Water Science*, v. 7, p. 503–519, doi:10.1007/s13201-015-0270-6.
- Pradhan, B., 2009, Groundwater potential zonation for basaltic watersheds using satellite remote sensing data and GIS techniques: *Central European Journal of Geosciences*, v. 1, p. 120–129, doi:10.2478/v10085-009-0008-5.
- Qureshi, M.E., Harrison, S.R., and Wegener, M.K., 1999, Validation of multicriteria analysis models: *Agricultural Systems*, v. 62, p. 105–116, doi:10.1016/S0308-521X(99)00059-1.
- Rahardjo, P.D., 2010, Teknik Penginderaan Jauh dan Sistem Informasi Geografis untuk Identifikasi Potensi Kekeringan: *MAKARA of Technology Series*, v. 14, p. 97–105.
- Rao, N.S., 2006, Groundwater potential index in a crystalline terrain using remote sensing data: *Environmental Geology*, v. 50, p. 1067–1076, doi:10.1007/s00254-006-0280-7.

- Rao, N.S., Chakradhar, G.K.J., and Srinivas, V., 2001, Identification of groundwater potential zones using remote sensing techniques in and around Guntur Town, Andhra Pradesh, India: *Journal of the Indian Society of Remote Sensing*, v. 29, p. 69–78, doi:10.1007/bf02989916.
- Reddy, M., 2008, *Remote Sensing and Geographical Information Systems: India*, BS Publication, 453 p., doi:10.1007/978-3-642-29006-0\_1.
- Rosidi, H.M., Gafoer, S., and Tjokrosapoetra, S., 1996, *Peta Geologi Lembar Kupang – Atambua, Timor*:
- Saaty, T.L., 2008, Decision making with the Analytic Hierarchy Process: *Int. J. Services Sciences*, v. 1, p. 83–97, doi:10.1504/ijssci.2008.017590.
- Saaty, T.L., and Vargas, L.G., 2001, *Models, Methods, Concepts and Applications of the Analytic Hierarchy Process*: New York, Springer Science Business Media, 333 p., doi:10.1057/jors.1962.41.
- Saha, S., 2017, Groundwater potential mapping using analytical hierarchical process: a study on Md. Bazar Block of Birbhum District, West Bengal: *Spatial Information Research*, v. 25, p. 615–626, doi:10.1007/s41324-017-0127-1.
- Schumm, S.A., 1956, Evolution of Drainage Systems and Slopes in Badland at Perth Amboy, New Jersey: *Bulletin of The Geological Society of America*, v. 67, p. 597–646.
- Sener, E., Davraz, A., and Ozcelik, M., 2005, An integration of GIS and remote sensing in groundwater investigations: A case study in Burdur, Turkey: *Hydrogeology Journal*, v. 13, p. 826–834, doi:10.1007/s10040-004-0378-5.
- Setiadi, H., Setiawan, T., and Purnomo, B.J., 2009, *Peta Hidrogeologi Indonesia Lembar 2205 - Seba dan Sebagian Lembar 2305 - Kupang*:
- Shekhar, S., and Pandey, A.C., 2015, Delineation of groundwater potential zone in hard rock terrain of India using remote sensing, geographical information system (GIS) and analytic hierarchy process (AHP) techniques: *Geocarto International*, v. 30, p. 402–421, doi:10.1080/10106049.2014.894584.
- Stober, I., and Bucher, K., 2000, *Hydrogeology of crystalline rocks*: Dordrecht, Springer Science Business Media, 277 p., doi:10.1007/978-94-015-9208-6\_11.
- Strahler, A.N., 1957, Quantitative Analysis of Watershed Geomorphology: *Transactions American Geophysical Union*, v. 38, p. 913–920, doi:10.1029/TR038i006p00913.

Veni, G., DuChene, Harvey Crawford, Nicholas. C. Groves, Christopher. G. Huppert, George. N. Kastning, E.H., Olson, R., and Wheeler, B.J., 2001, Living With Karst: a Fragile Foundation: v. 4, 63 p.