

DAFTAR PUSTAKA

- Ajami, N. K., Hornberger, G. M., & Sunding, D. L. (2008). Sustainable water resource management under hydrological uncertainty. *Water Resources Research*, 44(11). <https://doi.org/10.1029/2007WR006736>
- Azadi, H., Vanhaute, E., Janečková, K., Sklenička, P., Teklemariam, D., Feng, L., & Witlox, F. (2020). Evolution of land distribution in the context of development theories. *Land Use Policy*, 97. <https://doi.org/10.1016/j.landusepol.2020.104730>
- Bagatin, R., Klemeš, J. J., Reverberi, A. Pietro, & Huisinigh, D. (2014). Conservation and improvements in water resource management: A global challenge. *Journal of Cleaner Production*, 77, 1–9. <https://doi.org/10.1016/j.jclepro.2014.04.027>
- Briassoulis, H., & Ph, D. (2020). Analysis of Land Use Change : Theoretical and Modeling Approaches Table of Contents. *Morgantown: West Virginia University*, 4–6. <https://researchrepository.wvu.edu/rri-web-book>
- Brooks, K. N., Ffolliott, P. F., & Magner, J. A. (2012). Hydrology and the management of watersheds, fourth edition. In *Hydrology and the Management of Watersheds*. <https://doi.org/10.1002/9781118459751>
- Bultot, F., Dupriez, G. L., & Gellens, D. (1990). Simulation of land use changes and impacts on the water balance - A case study for Belgium. *Journal of Hydrology*, 114(3–4), 327–348. [https://doi.org/10.1016/0022-1694\(90\)90064-5](https://doi.org/10.1016/0022-1694(90)90064-5)
- Calder, I. R. (2005). Integrated Land and Water Resources Management. In *Encyclopedia of Hydrological Sciences*. <https://doi.org/10.1002/0470848944.hsa192>
- Chairunnisa, N., Arif, C., Perdinan, & Wibowo, A. (2021). Analisis Neraca Air di Pulau Jawa-Bali sebagai Upaya Antisipasi Krisis Air. *Jurnal Teknik Sipil Dan Lingkungan*, 6(2), 61–80. <https://doi.org/10.29244/jsil.6.2.61-80>
- Chhabra, A., Geist, H., Houghton, R. A., Haberl, H., Braimoh, A. K., Vlek, P. L. G., Patz, J., Xu, J., Ramankutty, N., Coomes, O., & Lambin, E. F. (2008). Multiple Impacts of Land-Use/Cover Change. *Land-Use and Land-Cover Change*, 71–116. https://doi.org/10.1007/3-540-32202-7_4
- Davis, M. D. (2007). Integrated Water Resource Management and Water Sharing. *Journal of Water Resources Planning and Management*, 133(5), 427–445. [https://doi.org/10.1061/\(asce\)0733-9496\(2007\)133:5\(427\)](https://doi.org/10.1061/(asce)0733-9496(2007)133:5(427))
- de Souza Pereira, M. A., Cavalheri, P. S., de Oliveira, M. Â. C., & Magalhães Filho, F. J. C. (2019). A multivariate statistical approach to the integration of different land-uses, seasons, and water quality as water resources management tool. *Environmental Monitoring and Assessment*, 191(9). <https://doi.org/10.1007/s10661-019-7647-1>
- Dixon, B., & Uddameri, V. (2016). *GIS and geocomputation for water resource science and engineering*.

<https://www.google.com/books?hl=en&lr=&id=7RqsBwAAQBAJ&oi=fnd&pg=PR13&dq=water+resource+management+books&ots=39bnXBmFJQ&sig=Cx0KeAy18y36cyLAIYId04uXwYs>

- Dixon, & K.W. Easter. (2019). Integrated Watershed Management: An Approach to Resource Management. Water Policy and Management, No. 10. In *books.google.com*.
<https://www.google.com/books?hl=en&lr=&id=ys3GxG7fOzwC&oi=fnd&pg=PA3&dq=water+resource+management+books&ots=VI30ER9HAc&sig=1rNF5ttraQpokNd1fz6ggEVSuy0>
- Dong, C., Schoups, G., and, N. van de G.-T. forecasting, & 2013, undefined. (2011). Scenario development for water resource planning and management: a review. *Elsevier*. <https://doi.org/10.1109/ISWREP.2011.5893162>
- Epi Sukarsa, D. (2017). Metode Kajian Lingkungan Hidup Strategis Dalam Evaluasi Rencana Tata Ruang Wilayah Provinsi Jawa Barat. *Bina Hukum Lingkungan*, 1(2), 219–230. <https://doi.org/10.24970/jbhl.v1n2.17>
- Ffolliott, P. F., Baker, M. B. J., Edminster, C. B., Dillon, M. C., & Mora, K. L. (2002). *Land stewardship through watershed management: perspectives for the 21st century*. file:///C:/Users/User/Downloads/Preview-Of-Land-Stewardship-through-Watershed-Management-Perspectives-for-the-21st-Century (1).pdf
- Ffolliott, P. F., & Brooks, K. N. (1996). Process Studies in Forest Hydrology: A Worldwide Review. *Springer*, 1–18. https://doi.org/10.1007/978-94-011-0389-3_1
- GEIST, H. J., & LAMBIN, E. F. (2004). Dynamic Causal Patterns of Desertification. *BioScience*, 54(9), 817. [https://doi.org/10.1641/0006-3568\(2004\)054\[0817:dcpod\]2.0.co;2](https://doi.org/10.1641/0006-3568(2004)054[0817:dcpod]2.0.co;2)
- Giles, R. (2002). *Land Use, Land-Use Change, and Forestry*. <https://www.jstor.org/stable/10.1086/344000>
- Hajkowicz, S., management, K. C.-W. resources, & 2007, undefined. (2006). A review of multiple criteria analysis for water resource planning and management. *Springer*, 21(9), 1553–1566. <https://doi.org/10.1007/s11269-006-9112-5>
- Hidayat, A., Marfai, M. A., & Hadmoko, D. S. (2022). The 2015 eruption of Gamalama volcano (Ternate Island–Indonesia): precursor, crisis management, and community response. *GeoJournal*, 87(1). <https://doi.org/10.1007/s10708-020-10237-w>
- Howden, N. J. K. (2009). The relationship between land use and surface water resources in the UK. *Land Use Policy*, 26(SUPPL. 1). <https://doi.org/10.1016/j.landusepol.2009.08.007>
- Humaida, N., & Murniningsih. (2024). *Dasar-Dasar Pengetahuan Lingkungan Berbasis Perubahan Iklim Global*. <https://www.google.com/books?hl=en&lr=&id=po4HEQAAQBAJ&oi=fnd&pg=PR3&dq=Perubahan+Iklim+Global&ots=8ThfQG3PSc&sig=uQ030amnySRkBvmNbDsXLJQHkOA>
- Irwin, E. G., & Geoghegan, J. (2001). Theory, data, methods: Developing spatially explicit

- economic models of land use change. *Agriculture, Ecosystems and Environment*, 85(1–3), 7–24. [https://doi.org/10.1016/S0167-8809\(01\)00200-6](https://doi.org/10.1016/S0167-8809(01)00200-6)
- Kalogiannidis, S., Kalfas, D., Giannarakis, G., & Paschalidou, M. (2023). Integration of Water Resources Management Strategies in Land Use Planning towards Environmental Conservation. *Sustainability*, 15(21), 15242. <https://doi.org/10.3390/su152115242>
- Karimi, Z., & Talebi, A. (2023). An Integration of Remote Sensing and the DPSIR Framework to Analyze the Land-Use Changes in the Future (Case study: Eskandari Watershed). *Ecopersia*, 11(4), 319–336. <https://doi.org/10.22034/ecopersia.11.4.319>
- Komalasari, E., & Syamsuddin, T. A. (n.d.). Pemetaan Potensi Air Tanah Menggunakan Metode Geolistrik Di Kecamatan Kediri Kabupaten Lombok Barat Mapping of Groundwater Potential Using Geoelectric Method in Kediri District West Lombok Regency. *Eprints.Unram.Ac.Id*. Retrieved September 9, 2025, from https://eprints.unram.ac.id/49407/2/JURNAL_KOMALASARI_G1B018070.pdf ENDANG
- Koomen, E., & Stillwell, J. (2007). Modelling Land-Use Change: Theories and methods. *GeoJournal Library*, 90, 1–22. https://doi.org/10.1007/978-1-4020-5648-2_1
- Lagopoulos, A. (2018). Land-Use Planning Methodology and Middle-Ground Planning Theories. *Urban Science*, 2(3), 93. <https://doi.org/10.3390/urbansci2030093>
- Lambin, E. F., Geist, H. J., & Lepers, E. (2003). Dynamics of land-use and land-cover change in tropical regions. *Annual Review of Environment and Resources*, 28, 205–241. <https://doi.org/10.1146/annurev.energy.28.050302.105459>
- Lambin, E. F., Turner, B. L., Geist, H. J., Agbola, S. B., Angelsen, A., Bruce, J. W., Coomes, O. T., Dirzo, R., Fischer, G., Folke, C., George, P. S., Homewood, K., Imbernon, J., Leemans, R., Li, X., Moran, E. F., Mortimore, M., Ramakrishnan, P. S., Richards, J. F., ... Xu, J. (2001). The causes of land-use and land-cover change: Moving beyond the myths. *Global Environmental Change*, 11(4), 261–269. [https://doi.org/10.1016/S0959-3780\(01\)00007-3](https://doi.org/10.1016/S0959-3780(01)00007-3)
- Liu, Y., Dai, L., & Long, H. (2023). Theories and practices of comprehensive land consolidation in promoting multifunctional land use. *Habitat International*, 142. <https://doi.org/10.1016/j.habitatint.2023.102964>
- Loucks, D. P., Stedinger, J. R., & Shamir, U. (1985). Modelling water resource systems issues and experiences. *Civil Engineering Systems*, 2(4), 223–231. <https://doi.org/10.1080/02630258508970410>
- Mandal, R. (1990). *Land utilization: Theory and practice*. https://www.google.com/books?hl=en&lr=&id=xgLS_34dcWkC&oi=fnd&pg=PR9&q=Land+Use+Theories+Books&ots=NVmT1YQq8L&sig=7jpUluZHVkVFxwvjjcc9vPthCHA
- Marhaento, H., Booij, M. J., Rientjes, T. H. M., & Hoekstra, A. Y. (2017). Attribution of changes in the water balance of a tropical catchment to land use change using the SWAT model. *Hydrological Processes*, 31(11), 2029–2040.

<https://doi.org/10.1002/hyp.11167>

- Maxwell, J., Pattinussa, J., Araon, P., & Aaron, P. (2025). Global Climate Crisis: Challenge and Opportunity for Indonesia. *E-Journal.President.Ac.Id*, 9(1). <https://e-journal.president.ac.id/index.php/AEGIS/article/view/6106/0>
- Moazzem, S., Bhuiyan, M., Muthukumaran, S., Fagan, J., & Jegatheesan, V. (2024). A Critical Review of Nature-Based Systems (NbS) to Treat Stormwater in Response to Climate Change and Urbanization. *Current Pollution Reports*, 10(2), 286–311. <https://doi.org/10.1007/s40726-024-00297-8>
- Muhammad, A., & Hastuti, H. (2019). The Reducing of Potential Hazard in the Shore Tourism; Ternate City. *IOP Conference Series: Earth and Environmental Science*, 271(1), 12024. <https://doi.org/10.1088/1755-1315/271/1/012024>
- Nugroho, P., Marsono, D., Sudira, P., & Suryatmojo, H. (2013). Impact of Land-use Changes on Water Balance. *Procedia Environmental Sciences*, 17, 256–262. <https://doi.org/10.1016/j.proenv.2013.02.036>
- Nugroho, S. P. (2000). Minimalisasi lahan kritis melalui pengelolaan sumber daya lahan dan konservasi tanah dan air secara terpadu. *Teknologi Lingkungan*, 1(1), 73–82.
- Obubu, J. P., Odong, R., Alamerew, T., Fetahi, T., & Mengistou, S. (2022). Application of DPSIR model to identify the drivers and impacts of land use and land cover changes and climate change on land, water, and livelihoods in the L. Kyoga basin: implications for sustainable management. *Environmental Systems Research*, 11(1), 11. <https://doi.org/10.1186/s40068-022-00254-8>
- Pandey, B. (2005). *Natural resource management*. <https://www.google.com/books?hl=en&lr=&id=Tz9iDM6crLIC&oi=fnd&pg=PR7&dq=water+resource+management+books&ots=H2SP3JO3jK&sig=2u9k7vENQoLixrTikurtq8ZkvMQ>
- Pasandaran, E. (2007). Irrigation Infrastructure Management for Food Security. *Analisis Kebijakan Pertanian*, 5(70), 126–149. <https://media.neliti.com/media/publications/57365-ID-pengelolaan-infrastruktur-irigasi-dalam.pdf>
- Pepadu, J., Sulistyowati, T., Eniarti, M., Hanifah, L., Akmaluddin, A., & Ngudiyono, N. (2021). Pendugaan Potensi Air Tanah Untuk Mengatasi Krisis Air Pasca Gempa di Desa Pemenang Barat Kecamatan Pemenang Kabupaten Lombok Utara. *Jurnal Pepadu*, 2(2), 214–221. <https://doi.org/10.29303/pepadu.v2i2.2189>
- Putu Yudi Sastrawan, Dewa Made Admaja, Wayan Damar Windu Kurniawan, I Gede Budiarta, & I Wayan Treman. (2022). Potensi Indikatif Cadangan Air Tanah Di Kabupaten Bangli. *Jurnal ENMAP.*, 3(1), 56–63. <https://doi.org/10.23887/em.v3i1.52288>
- Rahmatullah, O., Alaydrus, A. T., & Minardi, S. (2024). Menentukan Volume Akuifer Air Tanah dengan Metode Geolistrik di Desa Ekas Buana Kecamatan Jerowaru Kabupaten Lombok Timur. *Lensa: Jurnal Kependidikan Fisika*, 12(2), 305. <https://doi.org/10.33394/j-lkf.v12i2.13917>

- Rasai, J. (2017a). Debit Air Limpasan Sebagai Risiko Bencana Perubahan Luas Sungai Tugurara Di Kota Ternate, Provinsi Maluku Utara. *Dintek*, 8(2), 120–131. <http://jurnal.umm.ac.id/index.php/dintek/article/view/25>
- Rasai, J. (2017b). Debit Air Limpasan Sebagai Risiko Bencana Perubahan Luas Sungai Tugurara Di Kota Ternate, Provinsi Maluku Utara. *Dintek*, 8(2), 120–131. <http://jurnal.umm.ac.id/index.php/dintek/article/view/25>
- RUSMAYADI, G. (2021). *AGROKLIMATOLOGI DI ERA PERUBAHAN IKLIM GLOBAL - GUSTI RUSMAYADI* - Google Buku. https://books.google.co.id/books?hl=id&lr=&id=jMXODwAAQBAJ&oi=fnd&pg=PA19&dq=Agroklimatologi+di+Era+Perubahan+Iklim+Global.&ots=8Bn7yJwD3W&sig=KjDv9mRSyBh5e0j_6FOzmm3pZo&redir_esc=y#v=onepage&q=Agroklimatologi+di+Era+Perubahan+Iklim+Global.&f=false
- Russell, C. S., & Baumann, D. D. (2009). The evolution of water resource planning and decision making. *The Evolution of Water Resource Planning and Decision Making*, 1–299. <https://doi.org/10.4337/9781848449367>
- Sagala, S., Murwindarti, A., Avila, B. E., Rosyidie, A., & Azhari, D. (2022). Sustainable Urban Drainage System (SUDS) as Nature Based Solutions Approach for Flood Risk Management in High-Density Urban Settlement. *IOP Conference Series: Earth and Environmental Science*, 986(1), 68–74. <https://doi.org/10.1088/1755-1315/986/1/012055>
- Satriya, V., Hendrawan, A., Rahardjo, A. P., Ganara Mawandha, H., Aldrian, E., Muhari, A., & Komori, D. (2025). Past and future climate-related hazards in Indonesia. *Egusphere*, 584. <https://doi.org/10.5194/egusphere-2025-584>
- Schilling, K. E., Jha, M. K., Zhang, Y. K., Gassman, P. W., & Wolter, C. F. (2008). Impact of land use and land cover change on the water balance of a large agricultural watershed: Historical effects and future directions. *Water Resources Research*, 45(7), 0–09. <https://doi.org/10.1029/2007WR006644>
- Siamian, N., Azadi, H., Yousefi, S., Fürst, C., Lopez-Carr, D., Sklenicka, P., & Janečková, K. (2025). Nexus of Land for Food and Urbanisation: Application of DPSIR Model and Remote Sensing Data in a Developing Economy. *Land Degradation and Development*. <https://doi.org/10.1002/ldr.5645>
- Sri, N. (2024). *STATUS MINERAL TANAH DAN TANAMAN PAKAN DI DAERAH TERDAMPAK ERUPSI PADA LIMA GUNUNG BERAPI DI INDONESIA*. <http://scholar.unand.ac.id/474425/>
- Tallar, R. Y. (2008). Menunjang Keberlanjutan Sungai (Studi Kasus Das Ciliwung). *Teknik Sipil*, 4(April), 46–59.
- Turner, B. L., Meyfroidt, P., Kuemmerle, T., Müller, D., & Roy Chowdhury, R. (2020). Framing the search for a theory of land use. *Journal of Land Use Science*, 15(4), 489–508. <https://doi.org/10.1080/1747423X.2020.1811792>
- Utami, S. N. N., Rista Hernandi Virgianto, & Dzirkullah Akbar. (2021). Analisis Keterkaitan Antara Kekeringan Meteorologis Dengan Indeks Vegetasi Terstandarisasi Di Pulau Lombok. *Jurnal Sains & Teknologi Modifikasi Cuaca*, 22(2), 41–49.

<https://doi.org/10.29122/jstmc.v22i2.4437>

- Vannevel, R. (2018). Using DPSIR and balances to support water governance. *Water (Switzerland)*, 10(2). <https://doi.org/10.3390/w10020118>
- Xu, P. (2018). Review of Industrial Water Resource Management: Challenges and Opportunities for Corporate Water Stewardship . *Vadose Zone Journal*, 17(1), 1–2. <https://doi.org/10.2136/vzj2018.11.0003br>
- Yong, S. T. Y., & Chen, W. (2002). Modeling the relationship between land use and surface water quality. *Journal of Environmental Management*, 66(4), 377–393. <https://doi.org/10.1006/jema.2002.0593>
- Yudianto, D., & Roy, A. F. . (2019). Pemanfaatan Kolam Retensi dan Sumur Resapan pada Sistem Drainase Kawasan Padat Penduduk. *Jurnal Teknik Sipil*, 5(2), 103–121. <https://doi.org/10.28932/jts.v5i2.1317>
- Zehri, S., Yulihastin, E., Marpaung, F., Adiputra, A., Mushoddik, Purwadani, N. N., & Gammamerdianti. (2025). Diverse impact of 2023 El Niño on weather patterns over the Indonesian Maritime Continent. *Journal of Southern Hemisphere Earth Systems Science*, 75(2). <https://doi.org/10.1071/es25005>