

## DAFTAR PUSTAKA

- Ahern, J., 2007. Green Infrastructure For Cities: The Spatial Dimension. IWA Publishing. London-UK.
- Alcosan. 2008. Green Infrastructure Literature Review. Alcosan.org. United States.
- APA, 2017. Regional Green Infrastructure At The Landscape Scale. APA. United States.
- Auckland Council. 2019. Rain Gardens: Operations & Maintenance Guide. Auckland Council. New Zealand.
- Bappeda Kota Yogyakarta, 2020. Peta Tata Guna Lahan Kec, Tegalrejo, Kota Yogyakarta. Yogyakarta.
- Beloqui, A.I.A., 2020. Combining Green-Blue-Grey Infrastructure For Flood Mitigation And Enhancement Of Co-Benefits. Dissertation. Delft University of Techonlogy. Delft.
- Berghage, R., 2019. Journal : Green Roofs For Stormwater Runoff Control. Pennsylvania
- Bertule, M., Lloyd, G.J., and Lorsgaard, L., 2014. Green Infrastructure Guide For Water Management. UNEP. Almaty-Kazakhstan.
- BGC Team, 2016. Blue Green Cities. Nottingham. .
- BPS Kota Yogyakarta, 2019. Kecamatan Tegalrejo Dalam Angka. <https://jogjakota.bps.go.id>
- Braswell, Alessandra S, Et al., 2017. Hydrologic and Water Quality Evaluation of A Permeable Pavement and Biofiltration Device in Series. Water 2018 Published 3 January 2018. Hal 1-21.
- Brears, R.C., 2018. Blue and Green Cities: The Role of Blue-Green Infrastructure in Managing Urban Water Resources. Palgrave Macmillan. United Kingdom.
- Brown, D.N., 2008. Create a Rain Garden. ASLA. Louisiana.
- Butler, D., Digman, C.J. Makropoulos, and Davies J.W., 2018. Urban Drainage 4<sup>th</sup> Edition. CRC Press. New York.
- Cahyadi, A., Riyanto, I.A., Fatchurohman, H., Santosa, S.H.M.B., dan Endarto, R., 2020. Indeks Pemakaian Air Tanah di Kota Yogyakarta. Jurnal Tunas Geografi Vol. 09 No. 1 2020, ISSN 2301-606X.
- Chadwick, A., Morfett, J., and Borthwick, M., 2013. Hydraulics In Civil And Environmental Engineering. CRC Press. New York.
- Chen, S.J., And Hwang, C.L., 1992. Fuzzy Multiple Attribute Decision Making ; Methods And Applications. Springer-Verlag. New York.

- Chen, Shu Jen Et al., 1992. Fuzzy Multiple Attribute Decision Making ; Methods And Applications. Springer-Verlag. New York.
- Chow, V.T., Maidment, D.R., and Mays, L.W. 1988. McGraw-Hill, Inc. New York.
- City of El Centro Public Works Departement Engineerin Division., 2018. Stormwater Detention and Retention Basin Guidelines. California.
- Clements, J., Juliana, A.St., Davis, P., and Levine, L., 2013. The Green Edge: How Commercial Property Investment In Green Infrastructure Creates Value. NRDC. United States.
- Columbia Departement of the Environment., 2012. Stormwater Management Guidebook. Columbia.
- Copeland, C., 2016. Green Infrastrcuture and Issues in Managing Urban Stormwater. Library of Congress Research. United States.
- Cunningham, Kyle., 2009. Riparian Buffers: Functions and Values. University of Arkansas. Arkansas.
- CVC, 2010a. LID Planning and Design Guide: Vegetated Filter Strips. TRCA. Toronto.
- CVC, 2010b. LID Planning and Design Guide: Green Roofs. TRCA. Toronto.
- CVC, 2010c. LID Planning and Design Guide: Perforated Pipe Systems. TRCA. Toronto.
- CVC, 2010d. LID Planning and Design Guide: Permeable Pavement. TRCA. Toronto.
- CVC, 2010e. LID Planning and Design Guide: Bioretention. TRCA. Toronto.
- Davie, T., 2008. Fundamentals of Hydrology. Routledge. NewYork.
- Deni, W., Sudana, O., dan Sasmita, A., 2013. Analysis and Implementation Fuzzy Multi-Attributr Decision Making SAW Method For Selection of High Achieving Students in Faculty Level” International Journal Computer Science Vol. 10 No. 1, pp 674-680, 2013.
- Departement of Planning and Local Government of South Australia.(2010). Bioretention Systems For Streetscapes. South Australia.
- DEPI, 2014. A Guide To Green Roofs, Walls and Facades. DEPI. Australia.
- Despins, C., and Leidl, C., 2012. Guidelines For Residential Rainwater Harvesting Systems Handbook. CMHC System. Canada.
- Dhokal, N., Thompson, D.B., Fang, X., and Cleveland, T.G. 2013. Modified Rational Unit Hydrograph Method and Applications. Proceedings of the Institute of Civil Engineers ; Water Management, Paper 1300032.
- DoELWP., 2017. Planning A Green-Blue City. E2DesignLab. Victoria.
- DoTAD, 2018. Permanent BMP : Operations & Maintenance Manual. Malama Ika Wai. Hawaii.

- Dziedzic, K., 2012. Grass to Xeriscape Cost Benefit Analysis and Qualitative Study. Departement of Geography-University of Lethbridge. Canada.
- EPA, 2015. Green Infrastructure Opportunities That Arise During Municipal Operations. EPA. United States.
- ERG. 2014. Economic Assessment of Green Infrastructure Strategies Climate Change Adaption: Pilot Studies In The Great Lakes Region. NOAA. United States.
- Eslamian, S. 2014. Handbook of Engineering Hydrology: Environmental Hydrology and Water Management. CRC Press. New York.
- Everett, G., 2015. Delivering Green Streets: An Exploration Of Changing Perceptions And Behaviour Over Time Around Bioswales In Portland, Oregon. Journal of Flood Risk Managment.
- Faggian, R., 2017. A Comprehensive Review Of Blue Green Cities Infrastructure Concepts. International Journal of Environment and Sustainability.
- Freiburger, K., Growden, D., Myers, L., Odermatt, M., Thapa, V., and Smith, M., 2018. Neighbourhood Greening Resource Guide. TARC. Toronto.
- Gallacher, D., 2016. Something Blue, Something Green. Second Asia Pacific Forum on Urban Resilience and Adaption (2<sup>nd</sup> March 2016). Melaka.
- Gehrels, H., Meulen, S.V.D., and Schasfoort, F., 2016. Designing Green and Blue Infrastructure to Support Healthy Urban Living. TO2 Federatie. Nederland.
- Ghofrani, Z., Sposito, V., Faggian, R., 2017. A Comprehensive Review of Blue Green Infrastructures Concepts. International Journal of Environment and Sustainability (IJES) ISSN 1927-9566 Vol.6 No.1, pp.15-36 (2017).
- Ghosh, S.N., 2014. Flood Control and Drainage Engineering. CRC Press. New York.
- GIOC, 2017. A Green Infrastructure Guide for Small Cities, Towns and Rural Communities. Green Belt. Ontario.
- Green Infrastructure Ontario (2017). A Green Infrastructure Guide for Small Cities, Towns and Rural Communitis. Green Belt. Ontario.
- Green Infrastructure Ontario Coalition. (2017). A Green Infrastructure Guide for Small Cities, Towns and Rural Communitis. Green Belt. Ontario.
- GW-Mate., 2015. Groundwater Management Strategies: Facets of the Integrated Approach, Briefing Note Series No. World Bank.
- Hair, L., and Kramer, M., 2016. City Green: Innovative Green Infrastructure Solutions For Downtowns and Infill Locations. EPA. United States.
- Harto, S., 2009. Hidrologi: Teori, Masalah, Penyelesaian . Nafiri Offset. Yogyakarta.
- Hasmar, H., 2012. Drainase Terapan. UII Press. Yogyakarta.

- Helmers, Matthew J., 2015. Buffers and Vegetative Filter. Iowa State of University. Iowa.
- Hendrayana, H., 1994. Pengantar Model Aliran Air Tanah. Departemen Geologi, UGM. Yogyakarta.
- Hendrayana, H., 2008. Konservasi Air Tanah. Yogyakarta.
- Hendrayana, H., 2011. Peta Cekungan Air tanah Yogyakarta-Sleman. Departemen Teknik Geologi, UGM. Yogyakarta.
- Hinman, C., 2013. Rain Garden Handbook. Washington State University. Washington.
- Istiarto, 2018. Statistika : Continuous Probability. <https://istiarto.staff.ugm.ac.id>
- Istiarto, 2018. Statistika : Distribusi Normal. <https://istiarto.staff.ugm.ac.id>
- IUWASH, 2012. Sumur Resapan Sebuah Adaptasi Perubahan Iklim dan Konservasi Sumberdaya Air. USAID. Jakarta.
- Jaber, F., Woodson, D., LaChance, C., and York, C., 2013. Stormwater Management: Rain Gardens. Texas A&M. United States.
- KEMENPU, 2012. Tatacara Penyusunan Rencana Induk Sistem Drainase Perkotaan. Jakarta.
- Kementerian Lingkungan Hidup, 2006. Metode Memanen dan Memanfaatkan Air Hujan Untuk Penyediaan Air Bersih, Mencegah Banjir dan Kekeringan. Kementerian Lingkungan Hidup. Jakarta.
- Kraujaliene, L., 2009. Comparative Analysis Of Multicriteria Decision Making Methods Evaluating The Efficient Of Teknologi Transfer. Business, Management and Education Journal 2019 Volume 17:72 -93, Hal. 72-93.
- Kusumandari, A., 2020. Komunikasi Pribadi. Fakultas Kehutanan-Universitas Gadjah Mada. Yogyakarta.
- Kusumandari,A., 2014. Soil Erodibility of Several Types of Green Open Space Areas in Yogyakarta City, Indonesia. The 4<sup>th</sup> International Conference on Sustainable Future for Human Security and Suistainable By Kyoto University, Procedia Environmental Sciences 20 (2014) 732-736.
- Laszczuk, M., 2016. Hedgerows: Structuring A Suburban Neighbourhood Identity. OALA. Ontario.
- Lowry, J.H., Baker, M.E., and Ramsey, R.D., 2012. Determinants of Urban Tree Canopy in Residential Neighborhoods; Household Characteristic, Urban Form, and The Geophysical Landscape. Urban Ecosyst (2012) 15:247-266. DOI 10.1007/S11251-011-0185-4.
- Lumuan, M.D., 2017. Kajian Blue Green Cities di Kawasan Kampus Universitas Gadjah Mada Yogyakarta. Tesis. Universitas Gadjah Mada. Yogyakarta.

- Maiga, Y., 2017. *Constructed Wetlands*. University of Ouagadougou. Burkina Faso.
- Manso, M., and Gomes, J.C., 2015. Green Wall Systems: A Review of Their Characteristics. *Journal: Renewable and Sustainable Energy Reviews*, 41 (2015) 863-871.
- Meek, S., 2002. *Performance Assessment of A Pond-Wetland Stormwater Management Facility – Markham, Ontario*. TRCA. Toronto.
- Mell, I.C., 2010. *Green Infrastructure: Concepts, Perceptions and it's Use in Spatial Planning*. Thesis. School of Architecture, Planning and Landscape Newcastle University. Newcastle.
- Mikaton, M., 2013. *Kajian Penanganan Genangan Air Hujan Kota Yogyakarta*. Tesis. Universitas Gadjah Mada. Yogyakarta.
- MSSC, 2015. *The Minnesota Stormwater Manual*. MPCA. Minnesota.
- Naghetini, M., 2017. *Fundamental of Statistical Hydrology*. Springer. Switzerland.
- New Jersey Departement of the Environmet.(2017). *New Jersey Best Management Practices Manual, Chapter 9.8 Blue Roofs*. New Jersey.
- Nugroho, N.A., 2018. *Evaluasi Perubahan Muka Air tanah Dangkal di Kota Yogyakarta*. Skripsi. Departemen Teknik Geologi-UGM. Yogyakarta.
- Nuha, A., 2017. *Perubahan Muka Air Tanah di Cekungan Air Tanah Yogyakarta – Sleman*. Skripsi. Universitas Gadjah Mada. Yogyakarta.
- Obropta, C.C., 2016. *Green Infrastructure Guidance Manual*. Rutgers University Press. New Jersey.
- Ojha, C.S.P., Berndtsson, R., and Bhunya, P. 2008. *Engineering Hydrology*. Oxford University Press. Oxford.
- OMNR. 2010. *Natural Heritage Reference Manual*. Queen's Printer. Toronto.
- Ozyavuz, A., and Ozyavuz, M., *Xeriscape in Landscape Design*. Departement of Landscape Architecture-Namuk Kemal University. Tekirdag-Turkey.
- Peraturan Gubernur D.I.Yogyakarta, 2014. *Pergub D.I.Y. Nomor 48 Tahun 2014 Tentang Tatacara Peningkatan Kapasitas Imbuhan Air Tanah*. Yogyakarta.
- Perini, K. and Sabbion, P., 2017. *Urban Sustainability and River Restoration: Blue and Green Infrastructure*. John Wiley & Sons Ltd. United Kingdom.
- Philadelphina Water Departement., 2016. *Green Stormwater Infrastructure Tools*. Philadelphina.
- Pratiwi, E.P.A., 2019. *Multi Attribute Decision Making (MADM)*. Lecture Note. Departemen Teknik Sipil dan Lingkungan-UGM. Yogyakarta.
- PUB, 2013. *Managing Urban Runodd – Drainase Handbook*. Singapore.
- PUB, 2013. *On-Site Stormwater Detention Tank*. Singapore.

- PUPR, 2014. Peraturan Menteri Pekerjaan Umum Republik Indonesia Nomor 12/PRT/M/2014 Tentang Penyelenggaraan Sistem Drainase Perkotaan. <https://ciptakarya.pu.go.id>
- PUPR, 2019. UU Nomor 17 Tahun 2019 Tentang Sumber Daya Air. Jakarta.
- Putra, D.P.E., Hendarayana, H., dan Wilopo, W., 2021. Impacts of Precipitation, Land Use Change and Urban Wastewater on Groundwater Level Fluctuation in the Yogyakarta-Sleman Groundwater Basin, Indonesia. *Environ Moni Assess* (2021) 193 : 76.
- PVPC, 2014. Pioneer Valley Green Infrastructure Plan. pvpc.org. United States.
- Rao, R.V., 2007. *Decision Making in the Manufacturing Environment: Using Graph Theory and Fuzzy Multiple Attribute Decision Making Methods*. Springer-Verlag. London.
- Rohman, C., 2018. *Penentuan Prioritas Pemeliharaan Irigasi Menggunakan Metode Simple Additive Weighting (Studi Kasus: Sub DAS Kali Brantas Kota Batu)*. Tesis. Departemen Teknik Sipil – Institut Teknologi Sepuluh Nopember. Surabaya.
- Ruskule, A., Veidemane, K., and Prizavoite, D., 2018. *Methodology for Regional and Local Landscape and Green Infrastructure Planning*. BEF. Latvia.
- Santoso, I., 2014. *Peta Karakteristik Rumah Kecamatan Tegalrejo*. Fakultas Geografi- Universitas Gadjah Mada. Yogyakarta.
- Shafique, M., 2016. *Journal: A Review of The Bioretention System For Sustainable Stormwater Management In Urban Areas*.
- Sharp, 2008. *Introduction to Green Walls Technology, Benefits & Design*. Green Screen. United Kingdom.
- Smith, D.R., 2006. *Permeable Interlocking Concrete Pavements*. ICPI Press. Washington DC.
- SNI 8456:2017. *Sumur dan Parit Resapan Air Hujan*. BSN. Indonesia.
- Soewarno, 1995. *Hidrologi; Aplikasi Metode Statistik Untuk Analisis Data Jilid 1*. Penerbit Nova. Bandung.
- Soewarno, 1995. *Hidrologi; Aplikasi Metode Statistik Untuk Analisis Data Jilid 2*. Penerbit Nova. Bandung.
- Sosrodarsono, S., and Takeda., K. 2003. *Hidrologi Untuk Pengairan (Cetakan Kesembilan)*. PT Pradnya Paramita. Jakarta.
- Stefanakis, A.I., 2015. *Constructed Wetlands: Description And Benefits of an Ecotech Water Treatment System*. IGI Global. Pennsylvania.
- Suharyadi, 1998. *Penurunan Muka Air Tanah Yogyakarta*. Proseding IAGI, PIT Ke XXVII, Yogyakarta.

- Sunjoto, 2009. *Pembangunan Sumberdaya Air Dalam Dimensi Hamemayu Hayuning Bawono. Hasta Cipta Mandiri.* Yogyakarta.
- Sunjoto, 2018. *Teknik Konservasi Sumberdaya Air.* Departemen Teknik Sipil dan Lingkungan-UGM. Yogyakarta.
- Sunjoto,. 2011. *Teknik Drainase Pro-Air.* Jurusan Teknik Sipil & Lingkungan, UGM. Yogyakarta.
- Suripin, 2004. *Sistem Drainase Perkotaan Yang Berkelanjutan.* Andi, Yogyakarta.
- Tahvonen, O., 2018. *Scalable Green Infrastructure-The Case of Domestic Private Gardens in Vuores, Finland.* *Sustaibility*, Volume 10, Issue 2, ISSN 2071-1050, Page 16.
- Tang, Y.T., 2008. *Aligning Ancient And Modern Approaches To Sustainble Urban Water Management In China : Ningbo As A “Blue Green Cities” In The “Sponge City” Campaign.* *Wiley Journal of Flood Risk Managment.*
- Thorne, C.R., Lawson, E.C., Ozawa, C., Hamlin, S.L., and Smith, L.A., 2018. *Overcoming Uncertainty and Barriers to Adoption of Blue-Green Infrastructure for Urban Flood Risk Management.* *Journal of Flood Risk Management*, Volume 11, Issue S2, Pages S960-S972.
- Thorntwaite, C.W. and Holeman, B., 1939. *The Determination Of Evaporation From Land and Water Surfaces.* <https://journals.ametsoc.org>
- Timmeren, A.V., Bacchin, A.T.K., and Aires, C., 2015. *Green Blue Infrastructures Overview of Smart Spatial Strategies: Implications For Future Innovation In Design Process.* Delft University of Technology. Delft.
- Tomorrow, V., 2008. *Sustainable Community Design.* Urban Strategies Inc. Toronto.
- TPL, 2016. *City Parks, Clean Water: Making Great Places Using Green Infrastructure.* [tpl.org](http://tpl.org). United States.
- Triatmodjo, B., 2016. *Hidrologi Terapan.* Beta Offset. Yogyakarta.
- Tyndall and Bowman, 2016. *Cost Overview Series ; Constructed Wetlands.* Department of Ecology & Natural Resource Management. Iowa State University.
- Tzeng, G.H., And Huang, J.J., 2011. *Multiple Attribute Decision Making ; Methods And Applications.* CRC Press. USA.
- US Army Corps Of Engineering, 1962. *Statistical Methods In Hydrology.* US Army. United States.
- USDA, 2010. *Time of Concentration.* USDA. United States.
- USDA. 2015. *Scenario Cost: Hedgerow Planting.* USDA. United States.
- USDA. 2015. *Scenario Cost: Riparian Forest Buffer.* USDA. United States.

- Velasquez, M., And Hester, P.T., 2013. An Analysis of Multi-Criteria Decision Making Methods. *International Journal Of Operations Research* Vol. 10, No. 2, Hal 56-66.
- Yilmaz, B., dan Harmancioglu, N., 2010. Multi Criteria Decision Making For Water Resource Management A Case Study Of The Gediz River Basin, Turkey. *Water SA* Vol. 36 No. 5 October 2010. Hal 563-575.
- Yoon. K.P., And Hwang, C.L., 1995. *Multiple Attribute Decision Making : An Introduction Sage University Papers Series. Quantitative Applications In The Social Sciences ; No. 07-104.* Sage Publications, Inc. London.
- Yulistianto, B., 2019. *Hidrolika Saluran Terbuka.* Beta Offset.Yogyakarta.
- Zavrl, M.S., and Zeren., M.T., 2010. Sustainability of Urban Infrastructures. *Journal : Sustainability* ISSN 2071-1050, 2010, 2, 2950-2964.
- Zhang, H., Shi, Z., Wang, G., Sun, X., Yan, R., and Liu, C., 2019. Large earthquake reshapes the groundwater flow systems: Insight from the water level response to earth tides and atmospheric pressure in a deep well. *Water Resources Research*, 55, 4207-4219.