

DAFTAR PUSTAKA

- Adinegara. 2005. *Volume Angkutan Sedimen Dipengaruhi oleh Kecepatan Aliran, Kajian: Laboratorium*. Jurnal Media Komunikasi Teknik Sipil. 13(2): Edisi XXXII Arsyad, S. (2010). Konservasi Tanah dan Air. Institut Pertanian Bogor, Bogor: IPB Press.
- Ariyani, D. dan Hilman Riadhi, H. 2019. *Perbandingan Hasil Analisa Debit Banjir dengan Menggunakan Metode Hidograf Satuan Sintetis Nakayashu dan Gama I di DAS Ciharang*. Hulu Spirit of Civil Engineering (SPRING) Journal Vol 01, Issue 01, 2019 (ISSN: 2528-6234).
- Asdak, C. 1995. *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta: Gadjah Mada University Press.
- Badan Nasional Penanggulangan Bencana. 2016. *Bengawan Solo Siaga Merah, 6.979 Rumah Terendam Banjir di Bojonegoro dan Tuban*. (<https://bnpb.go.id/berita/bengawan-solo-siaga-merah-6-979-rumah-terendam-banjir-di-bojonegoro-dan-tuban/> diakses 12 Januari 2021)
- Badan Nasional Penanggulangan Bencana. 2020. *Banjir, Bencana Alam Mematikan Hingga Agustus 2020*. (<https://bnpb.go.id/berita/banjir-bencana-alam-mematikan-hingga-agustus-2020/> diakses 12 Januari 2021).
- Badan Standarisasi Nasional. 2015. SNI 1724:2015 tentang Analisa Hidrologi, Hidraulik dan Kriteria Desain Bangunan di Sungai. Jakarta.
- Badan Standarisasi Nasional. 2015. SNI 2415:2016 tentang Tata Cara Perhitungan Debit Banjir Rencana. Jakarta.
- Bagiawan, A., Yuningsih, S.M., Windatiningsih, D. 2011. *Pengujian Data Hidrologi Dalam Rangka Peningkatan Efektifitas dan Efisiensi Pengelolaan Sumber Daya Air*. Jurnal Sumber Daya Air. Vol. 7 No. 1, Mei 2011.
- Balci, O. 2004. *Quality Assessment, Verification, And Validation of Modeling a Simulation Applications*. Proceedings of the 2004 Winter Simulation Conference R .G. Ingalls, M. D. Rossetti, J. S. Smith, and B. A. Peters, eds.
- BBWS Bengawan Solo. 2010. *Pola Pengelolaan Sumber Daya Air Wilayah Sungai Bengawan Solo*. Surakarta.
- BBWS Bengawan Solo. 2015. *DD dan LARAP Tanggul Bengawan Solo Kota Surakarta*. Surakarta.
- BBWS Bengawan Solo. 2015. *Rencana pengelolaan Sumber Daya Air Wilayah Sungai Bengawan Solo*. Surakarta.
- BBWS Bengawan Solo. 2017. *Review Design of River Improvement Works For Lower Solo River Improvement Project Phase-2*. Surakarta.
- BBWS Bengawan Solo. 2019. *Laporan Tahunan Hidrologi WS Bengawan Solo*. Surakarta.

- BBWS Bengawan Solo. 2020. *Laporan Tahunan Operasi dan Pemeliharaan Infrastruktur Pengendalian Banjir Wilayah Sungai Bengawan Solo*. Surakarta.
- Bramley, M., et al. 2013. *The International Levee Handbook Chapter 2*. CIRIA Publication. London.
- Chen, S., dan Hou Z. 2004. *Multicriterion Decision Making for Flood Control Operations : Theory and Applications*. Journal of The American Water Resources Assosiation Vol. 40, Halaman 67 – 76.
- Chow, V.T. 1985. *Hidrolika Saluran Terbuka*. Jakarta : Erlangga.
- Chow, V.T., Maidment, D.R., Mays, L.W. 1988. *Applied Hydrology*. McGraw-Hill International Edition.
- Cornelissen, T., Diekkrüger, B., & Giertz, S. 2013. *A Comparison of Hydrological Models for Assessing the Impact of Land Use and Climate Change on Discharge in a Tropical Catchment*. Journal of Hydrology. 489. p. 221-236. DOI:10.1016/j.jhydrol.2013.06.016.
- Costa, J.E. 1985. *Floods From Dam Failures*, United States Department of The Interior Geological Survey. Colorado.
- Damme, M.V., dan Jonkman, S.N. 2020. *Towards an International Levee Performance Database (ILPD) ad Its Use for Macro-Scale Analysis of Levee Breaches and Failures*. Water. Vol 12 pp 119.
- Das, B.M. 1994. *Mekanika Tanah (Prinsip-prinsip Rekayasa Geoteknis) Jilid 2*. Penerbit Erlangga. Jakarta.
- Davis, CA., De Steigur J.E., Duberstein, J., Lopes, V. 2003. *The Analytic Hierarchy Process As A Means For Integrated Watershed Management*. <https://www.researchgate.net/publication/238596737>.
- Departemen Pekerjaan Umum, 1994, *Upper Solo River Improvement Project, Completion Report Volume III: As-Built Drawings of Package 3*, Jakarta.
- Departemen Permukiman dan Prasarana Wilayah, 2004, *Pedoman Pengukuran dan Pemetaan Teretris Sungai, Pd T-10-2004-A*. Jakarta.
- Dessler, G. 2000. *Human Resource Management 8th Edition*. New Jersey: Prentice-Hall International, Inc.
- Duncan, J.M and Wright, S.G., 2005. *Soil Strength And Slope Stability*. John Wiley and Sons, New Jersey.
- Edmud dan John. 1988. *Flood Hazard Management in Britain : A Cangeing Scene*. The Geographical Journal. 154(2) : 209 – 220.
- Ekawati, R. 2017. *Evaluasi Pengendalian Banjir Sungai Jragung Kabupaten Demak*. Prosiding Seminat Nasional Inovasi Dalam Pengembangan SmartCity Vol 1. No 1.
- Elkholy, M., dan Imran J. 2015. *Effect of soil composition on piping erosion of earthen levees*. Journal of Hydraulic Research. Vol 53. Iss 4. p. 478-487. DOI:10.1080/00221686.2015.1026951.

- Farzad, P., Asadollah, K., Ommolbanin, B. 2019. *The Impacts of Climate Change on Maximum Daily Discharge in the Payab Jamash Watershed, Iran. Open Geosciences*. Vol 11, Iss 1, Pp 1035-1045 (2019).
- Gottardi, G., Gragnano, C.G., Rocch, I., Butтели, M. 2016. *Assessing river embankment stability under transient seepage conditions*. *Procedia Engineering* 158 (2016) 350-355.
- Hakim, D.A., Suyanto, dan Solichin. 2015, *Analisis Angkutan Sedimen Pada Sungai Bengawan Solo Ruas Serenan-Jurug*. e-Jurnal Matriks Teknik Sipil/Maret 2015/232.
- Hambali, R., Apriyanti, Y. 2016. *Studi Karakteristik Sedimen dan Laju Sedimentasi Sungai Daeng – Kabupaten Bangka Barat*. *Jurnal Fropil* Vol 4 Nomor 2 Juli-Des 2016.
- Hardiyatmo, H.C. 2019. *Mekanika Tanah 2*. Gadjah Mada University Press.
- Harto, B.S.1993. *Analisis Hidrologi*. PT.Gramedia Pustaka Utama, Jakarta.
- Harto, B.S. 2000. *Analisis Hidrologi*. PT.Gramedia Pustaka Utama, Jakarta.
- Heriansyah, E., dan Hasibuan S. 2018. *Implementasi Metode Peramalan Pada Permintaan Bracket Side Stand K59A*. *Jurnal PASTI* Volume XII No. 2, 209 – 223.
- Hermawan, C., Suprpto M., Sholihin A. 2014. *Tolak Ukur Kinerja Tanggul Berdasarkan Penilaian Keandalan, Penilaian Permukaan Tanggul Dan Stabilitas Tanggul (Studi Kasus: Ruas Jurug Mojo, Surakarta)*. *Jurnal Teknik Sipil Magister Teknik Sipil Universitas Sebelas Maret* Vol. II. No. 2 November 2014 ISSN : 2339-0271
- Heryani, R., Paharuddin, A., Samsu. 2012. *Analisis Kerawanan Banjir Berbasis Spasial Menggunakan Analytical Hierarchy Process (AHP) Kabupaten Maros*. Resipotory.unhas.ac.id.
- Hidayah, N., Suprpto M., dan Suyanto. 2013. *Kajian Angkutan Sedimen Pada Sungai Bengawan Solo (Serenan-Jurug)*. *Ejurnal matriks Teknik Sipil*. <http://sipil.ft.uns.ac.id/ojsin/index.php/mateksi/article/viewfile/51/48> sitasi tanggal 16 september 2015.
- Huang, Y. H.W, and Weng M.C. 2015. *Levee reliability analyses for various flood return periods – a case study in southern Taiwan*. *Nat. Hazards Earth Syst. Sci.*, 15, 919–930.
- Hunzinger, L. 2014. *Freeboard Analysis In River Engineering And Flood Mapping – New Recommendations*. *Swiss Competences in River Enginnering and Restoration*. CRC Press.
- Hydrologic Engineering Center. 2010. *HEC-RAS River Analysis System, User's Manual, Version 4.1*. U. S. Army Cormps of Engineers, Davis, CA. www.hec.usace.army.mil.
- Hydrologic Engineering Center. 2016. *HEC-RAS River Analysis System Hydraulic Reference Manual, Version 5.0*, February 2016, U. S. Army Corps of Engineers.

- Jabbar, F.K., Grote, K. dan Tucker, R.E. 2019. *A Novel Approach For Assessing Watershed Susceptibility Using Weighted Overlay And Analytical Hierarchy Process (AHP) Methodology: A Case Study In Eagle Creek Watershed, USA*. Environ Sci Pollut Res 26, 31981–31997 (2019). DOI:10.1007/S11356-019-06355-9.
- James, K., Degaetano A., Todd W.M. 2017. *Hydrologic State Influence on Riverine Flood Discharge for a Small Temperate Watershed (Fall Creek, United States): Negative Feedbacks on the Effects of Climate Change*. Journal of Hydrometeorology. 18(2):431-449, American Meteorological Society, 2017.
- JICA. 2002. *Upper Solo River Improvement Project. Indonesia*
- Junia, N. Fauzi M., Suprayogi I. 2015. *Kesesuaian Model Hidrograf Satuan Sintetis Studi Kasus Sub Daerah Aliran Sungai Siak Bagian Hulu*. Jom Fteknik. Vol. 2 No. 1.
- Kementerian PU. 2014. *Peraturan Menteri Pekerjaan Umum Nomor: 12/Prt/M/2014 tentang Penyelenggaraan Sistem Drainase Perkotaan*. Berita Negara Republik Indonesia Tahun 2014 Nomor 1451. Jakarta.
- Kementerian PUPR. 2015. *Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Nomor: 11/Prt/M/2015 tentang Eksploitasi dan Pemeliharaan Jaringan Reklamasi Rawa Pasang Surut*. Jakarta.
- Kementerian PUPR. 2015. *Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Nomor: 12/Prt/M/2015 tentang Eksploitasi dan Pemeliharaan Jaringan Irigasi*. Jakarta.
- Kementerian PUPR. 2015. *Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Nomor: 28/Prt/M/2015 tentang Penetapan Garis Sempadan Sungai dan Garis Sempadan Danau*. Jakarta.
- Kementerian PUPR. 2015. *Surat Edaran Direktur Jenderal Sumber Daya Air Nomor 13/SE/D/2015 tentang Penelusuran (walkthrough) dan Audit Teknis Prasarana dan Sarana Sungai*. Jakarta.
- Kementerian PUPR. 2016. *Surat Edaran Direktur Jenderal Sumber Daya Air Nomor: 05/SE/D/2016 tentang Pedoman Penyelenggaraan Kegiatan Operasi dan Pemeliharaan Prasarana Sungai Serta Pemeliharaan Sungai*. Jakarta.
- Kementerian PUPR, Pusdiklat SDA dan Konstruksi. 2017. *Modul Hidrologi dan Hidrolika Sungai*. Jakarta.
- Kementerian PUPR, Direktorat Bina Operasi dan Pemeliharaan. 2020. *Petunjuk Pelaksanaan Pemantauan Bendungan*. Jakarta.
- Khare, D., et al. 2017. *Impact of landuse/land cover change on run-off in the catchment of a hydro power project*. Applied Water Science. May 2017. Vol. 7 Issue 2.
- Kiat, C.C., et al. 2008. *Sediment transport modeling for Kulim River – A case study of Hydro-environment Research*. Volume 2. Issue 1. September 2008. Pages 47-59.
- Kinanti, W.A. 2018. *Penerapan Metode AHP Untuk Pembangunan Saluran Drainase Trotoar*. Seminar Nasional Teknologi 2018 P-Issn: 2615-1561 E-Issn: 2615-1553.
- Kodoatie, R.J. 2013. *Rekayasa dan Manajemen Banjir Kota*. CV. Andi Offset, ISBN: 978-979-29-3454-0.

- Kristianto, A.B. dkk. 2019. *Komparasi Model Hidrograf Satuan Terukur dengan Hidrograf Satuan Sintetis (Studi Kasus DAS Tukad Pakerisan)*. Jurnal Spektran Vol. 7, No. 1 Hal. 21 – 31. E-Issn: 2302-2590.
- Kusumastuti, C., Djajadi, R., & Rumihin, A. 2015. *Evaluation of Drainage Channels Capacity In Ambon City : A Case Study on Wai Batu Merah Watershed Flooding*. Procedia Engineering. Vol 125 p 263–269. DOI:10.1016/j.proeng.2015.11.038.
- Larocque, L.A., Elkholy M., Imran J. 2013. *Experiments on Urban Flooding Caused by a Levee Breach*. Journal of Hydraulic Engineering. Vo. 139. Iss 9. DOI: 10.1061/(ASCE)HY.1943-7900.0000754
- Liu J., Wang S., Li D. 2014. *The Analysis of the Impact of Land-Use Change on Flood Exposure of Wuhan in Yangtze River Basin, China*. Journal of Water Resource Management. 28 : 2507 – 2522.
- Loebis, J., dkk. 1993. *Hidrologi Sungai*. Yayasan Badan Penerbit. Pekerjaan Umum, Jakarta.
- Luo, Y. et al. 2015. *An Experimental Study On Embankment Failure Induced By Prolonged Immersion In Floodwater*. Journal of Water Science and Engineering. Vol 9. Iss 1 p 81-86.
- Makridakis, S., dan Wheelwright, S.C. 1999. *Metode dan Aplikasi Peramalan*. Jakarta, Binarupa Aksara.
- Mangare, J.B. 2016. *Penerapan Metode Analyical Hierarchy Process Untuk Pemilihan Sistem Pengamanan Pantai*. Jurnal Sipil Statik. Vol.4 p 701-704. Issn: 2337-6732 701.
- Margi, K., dan Pendawa S. 2015. *Analisa dan Penerapan Metode Single Exponential Smoothing Untuk Prediksi Penjualan Pada Periode Tertentu (Studi Kasus : PT. Media Cemara Kreasi)*. Prosiding SNATIF Ke-2. ISBN: 978-602-1180-21-1.
- Mant, J., and Soar P.J. 2010. *Understanding River Restoration*. https://www.therrc.co.uk/sites/default/files/files/Training/events_archive/RRC_Worshops/Module_1_2010/presentation_june_2010.pdf.
- Margini, N.F., Nusantara D.A..D., Ansori M.B. 2017. *Analisa Hidrograf Satuan Sintetis Nakayasu dan ITB Pada Sub DAS Konto, Jawa Timur*. Jurnal Teknik Hidroteknik Vol. 2. No.1. ISSN : 2477-321241
- Marhendi, T. dkk. 2017. *Alternatif Pengendalian Banjir Kali Juana Berbasis Model HEC-RAS*. Jurnal Dinamika Rekayasa. Vol. 13 No. 1 p-ISSN : 1858-3075 e-ISSN : 2527-6131.
- Marthina, S., dkk. 2014. *Analisis Debit Banjir Sungai Tondano Menggunakan Metode HSS Gama I Dan HSS Limantara*. Jurnal Sipil Statik, 2(1), 13–21.
- Maryono, A. 2013. *The Landuse Change Related To The Increase Of Peak Discharge Of Pengabuan Catchment, Jambi, Indonesia*. Indonesian Journal of Geography. Vol 41. Iss 1, Pp 93-101 (2013).
- Meyer-Peter, E. and Müller. 1948. *Formula for Bed-Load Transport*. Zweite Tagung-Second Meeting-Deuxieme Reunion. Stockholm 7-9.VI.1948.

- Mežin, J., *et al.* 2019. *Sediment Transport Mechanisms in a Lagoon with High River Discharge and Sediment Loading*. Water. Vol. 11. Iss 10. DOI:10.3390/w11101970 www.mdpi.com/journal/water.
- Mohamed, M.M.A dan El-Ghorab, E.A.S. 2016. *Investigating Scale Effects On Breach Evolution of Overtopped Sand Embankments*. Water Sciences Journal. Vol 30. Iss 2 p 84-95. DOI:10.1016/j.wsj.2016.10.003
- Montaño, J.J., *et al.* 2013. *Using the R-MAPE index as a resistant measure of forecast accuracy*. Psicothema. Vol 25. Iss 4 p. 500-506. DOI: 10.7334/psicothema2013.23.
- Mulyanto, H.R. 2007. *Sungai, Fungsi dan sifat-sifatnya*. Graha Ilmu, ISBN: 978-979-756 190-1
- Mustika, W., dan Sarita, U. 2017. *Analisis Kestabilan Dasar Sungai Wanggu Berdasarkan Nilai Parameter Shield*. Civil Engineering. Vol. 5. Iss 3.
- Neutz, C. *et al.* 2013. *The International Levee Handbook Chapter 5*. CIRIA Publication. London.
- New South Wales Government. Department of Services, Technology & Administration, 2010. *Wagga Wagga Levee Upgrade Flood Freeboard*. Report Number: DC 10096.
- Nofrizal. 2017. *Analisis Volume Sedimen Terhadap Pendangkalan Penampang Sungai Akibat Curah Hujan Tahunan di Muara Sungai Batang Arau*. Prosiding Seminar Nasional Strategi Pengembangan Infrastruktur ke-3, <http://eproceeding.itp.ac.id/index.php/spi2017>. ISBN: 978-602-70570-6-7
- Nolde, N., and Jakob M. 2015. *Canadian Water Resources Journal/Revue Canadienne Challenging The Standard Dike Freeboard: Methods To Quantify Statistical Uncertainties In River Flood Protection*. Canadian Water Resources Journal. Vol 41. Iss 1-2 p. 151-160. DOI:10.1080/07011784.2015.1010180.
- Nones, M. 2020. *Dealing With Sediment Transport In Flood Risk Management*. Acta Geophysica. Acta Geophysica. Vol. 67 p. 677-685. DOI:10.1007/s11600-019-00273-7
- Oktavia, S.R., dkk. 2019. *Kajian Laju Angkutan Sedimen Dasar Pada Sungai Pondo – Poboya Stabilita*. Vol. 7. Nomor 3. http://ojs.uho.ac.id/index.php/stabilita_jtsuho.
- Pallu, M.S., Hatta, M.P, dan Randanan D.P. 2009, *Studi Eksperimen Agradasi Sungai Pada Hulu Bangunan Air*. Jurnal Teknik Sipil Fakultas Teknik Univ Hassanuddin.
- Pemerintah Indonesia. 2019. *Undang-undang Republik Indonesia Nomor 17 Tahun 2019 tentang Sumber Daya Air*. Jakarta.
- Pheaktra, N. 2018. *Urban Flood Control in Sringin Catchment, Semarang City, Central Java*. Journal of the Civil Engineering Forum. Vol. 4 No 2 p 191–198.
- Pridal, D.B dan Sing, E.F. 1992. *Levee/Floodwall Freeboard Design For An Urban Flood Control Project*. US Army Research 73. Proceedings of the Hydraulic Engineering sessions at Water Forum '92.
- Putuhena, W.M., dan Ginting S. 2013. *Pengembangan Model Banjir Jakarta*, Jurnal Teknik Hidraulik. Vol. 4 No.1 p. 63-78.

- Rai, R. K., Sarkar S., Singh V.P. 2009. *Evaluation of the Adequacy of Statistical Distribution Functions for Deriving Unit Hydrograph*. Water Resources Management. Vol. 23 Issue 5 p 899-929.
- Rizka, GP., dkk. 2015. *Perencanaan Tanggul Banjir Sungai Lusi Hilir*. Jurnal Karya Teknik Sipil. Vol. 4 No. 1 p. 186 – 196.
- Rosyidie, A. 2013. Banjir: Fakta dan Dampaknya, Serta Pengaruh dari Perubahan Lahan. Jurnal Perencanaan Wilayah dan Kota. Vol. 24. No. 3 p 214 – 249.
- Saaty, T.L. 1987. *The Analytic Hierarchy Process-What It Is And How It Is Used*. Pergamon Journals Ltd. Mat/D Modelling. Vol. 9, No. 3-5, Pp. 161-176, 1987.
- Saaty, T.L. 1990. *How To Make A Decision: The Analytic Hierarchy Process*. European Journal Of Operational Research 48 (1990) 9-26 North-Holland.
- Saaty, T.L. 1993. *Pengambilan Keputusan Bagi Para Pemimpin*. Seri Manajemen No. 134, LPPM. PT. Pustaka Binaman Pressindo.
- Saaty, T.L. 2008. *Decision Making With The Analytic Hierarchy Process*. Inderscience Enterprises Ltd, Int. J. Services Sciences. Vol. 1. No. 1.
- Sargawi, R., dan Junaidi A. 2013. *Tindakan Pencegahan Kegagalan Akibat Piping Pada Tanggul Pengarah Aliran Sungai*. Konferensi Nasional Teknik Sipil 7 (KoNTekS 7).
- Sarkar, S., Goel N.K., and Mathur B.S. 2010. *Performance Investigation of Nakagami-m Distribution to Derive Flood Hydrograph by Genetic Algorithm Opt Approach*. Journal of Hydrologic Engineering. Vol 15. DOI:10.1061/(ASCE)HE.1943-5584.0000220
- Schweckendiek, T., Kanning, W., dan Jonkman S.N. 2014. *Advances in reliability analysis of the piping failure mechanism of flood defences in the Netherlands*. Heron Vol. 5. No. 2/3/
- Seejata, K. 2018. *Assessment of Flood Hazard Areas Using Analytical Hierarchy Process Over The Lower Yom Basin, Sukhothai Province*. Procedia Engineering 212 (2018) 340–347.
- Serre, D. et al. 2008. *Levee Performance Assessment Methods Integrated in a GIS to Support Planning Maintenance Actionse*. Journal of Infrastructure Systems. Vol 3. Iss 2. DOI:10.1061/(ASCE)1076-0342(2008)14:3(201)
- Sherman, L. K. 1932. *Stream Flow from Rainfall by the Unit Graph Method*. Engineering News-Record. Vol. 108 pp. 501-505. Soemarto, C.D. 1995. *Hidrologi Teknik Edisi Ke - 2*. Jakarta: Erlangga.
- Sosrodarsono, S., dan Kazuto, N. 1984. *Mekanika Tanah dan Teknik Pondasi*. Pradnya Paramita. Jakarta.
- Sosrodarsono, S., dan Tominaga, M. 1993. *Perbaikan dan Pengaturan Sungai*. Terjemahan oleh Gayo, M. Y. Jakarta: Pradnya Paramita.
- Steiguer J.E. De, Duberstein J., Lopes V. 2003. *The Analytic Hierarchy Process As A Means For Integrated Watershed Management*. <https://www.researchgate.net/publication/238596737>.

- Stockholm Environment Institute. 2017. *Case Study On Sediment In The Mekong River Basin: Current State And Future Trends*. Project Report 2017-03. Stockholm Environment Institute and UNESCO, Stockholm, Sweden.
- Sucipto. 2008. *Kajian Sedimentasi di Sungai Kaligarang dalam Upaya Pengelolaan Daerah Aliran Sungai Kaligarang – Semarang*. Tesis. UNDIP.
- Sudira, I.W., Mananoma T., Manalip H. 2013. *Analisis Angkutan Sedimen Pada Sungai Mansahan*. Jurnal Ilmiah Media Engineering. Vol. 3. No. 1. ISSN 2087-9334 (54-57)
- Sun, P., et al. 2017. *Application of HEC-RAS for flood forecasting in perched river—A case study of hilly region, China*. 3rd International Conference on Energy Materials and Environment Engineering IOP Publishing IOP Conf. Series: Earth and Environmental Science 1234567890 61 (2017) 012067.
- Suripin dan Kurniani D. 2016. *Pengaruh Perubahan Iklim Terhadap Hidrograf Banjir Di Kanal Banjir Timur Kota Semarang*. Jurnal Media Komunikasi Teknik Sipil. Volume 22, No. 2. ISSN-0854-1809.
- The State of Victoria, Department of Environment, Land, Water and Planning. 2015. *Levee Management Guidelines*. Printed by Impact Digital, Brunswick, ISBN 978-1-74146-207-4. ISBNbnp 978-1-74146-208-1 (pdf).
- The World Bank. 2010. *Bangkitnya Indonesia, Membangun Masa Depan yang Tahan Bencana*. <http://www.worldbank.org/id>.
- Triatmodjo, B. 2009. *Hidrologi Terapan*. Cetakan ke-5. Beta Offset, Yogyakarta.
- UNISDR. 2004. *Living With Risk: A Global Review of Disaster Reduction Initiatives*. The United Nations International Strategy for Disaster Reduction Amerika: UN Publication.
- United States Department of Agriculture Natural Resources Conservation Service. 2007. *National Engineering Handbook Part 630 Hydrology*. <https://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national/water/>
- United States Department of Agriculture, Soil Conservation Service. 1972. *National Engineering Handbook Section 3 Sedimentation*. United States of America.
- Vicker, J. Mc et al. 2013. *The International Levee Handbook Chapter 3*. CIRIA Publication. London.
- Wahyudi dkk. 2017. *Konsep Kriteria Penilaian Fungsi dan Kondisi Sungai Berdasarkan Keadaan Alur Sungai (Studi Kasus Sungai Pepe Surakarta)*. E-Jurnal Matriks Teknik Sipil/Desember 2017/1187.
- Wang, L., et al. 2019. *Bed Load Sediment Transport and Morphological Evolution in a Degrading Uniform Sediment Channel Under Unsteady Flow Hydrographs*. Water Resources Research. Vol. 55. Iss 7 p 5431-5452.
- Wei, H., et al. 2016. *Overtopping breaching of river levees constructed with cohesive sediments*. Natural Hazards Earth System Sciences, 16, p. 1541–1551. DOI:10.5194/nhess-16-1541-2016.

- Wielputz, M., *et al.* 2013. *The International Levee Handbook Chapter 4*. CIRIA Publication. London.
- Xue, X., Yang X., Chen X. 2014. *Estimating Piping Potential In Earth Dams And Levees Using Generalized Neural Networks*. Acta Geotechnica Slovenica. Vol. 2. No.59.
- Yang, C.T. dan Wu, B. 1996. *Sediment Transport in the Yellow River*. Journal of Hydraulic Engineering. Vol. 122. Iss 5. DOI:10.1061/(ASCE)0733-9429(1996)122.
- Zainun, N.Y., Rahman, I.A., and Eftekhari, M. 2019. *Forecasting Low-cost Housing Demand in Johor Bahru, Malaysia Using Artificial Neural Networks (ANN)*. Journal of Mathematics Research. Vol 2. Iss 1. DOI:10.5539/jmr.v2n1p14.
- Zhai, G., Fukuzona, T. dan Ikeda, S. 2005. *Modelling Flood Damage: Case of Tokai Flood 2000*. Journal of the American Water Resources Association. Vol. 41. Iss 1 p 77-92. DOI:10.1111/j.1752-1688.2005.tb03719.x
- Zhang, L., Xu Y, Liu Y. 2011. *Assessment of Levee Breaching Risks to the Pearl River Delta*. ISGSR 2011 - Vogt, Schuppener, Straub & Bräu (eds). ISBN 978-3-939230-01-4.
- Zheng, S., *et al.* 2015, *Case Study of Variation of Sedimentation in the Yellow and Wei Rivers*, Journal of Hydraulic Engineering. DOI: 10.1061/(ASCE) HY.1943-7900.0000980.