

DAFTAR PUSTAKA

- Abbaspour, K.C., Yang J, Vejdani, M and Haghghat S., 2011, *SWATCUP. Calibration and uncertainty Program for SWAT*, 4th – user manual. Eawag : Swiss Federal Institute of Aquatic Science and Technology. Swiss.
- Abbott, M.B., Bathurst, J.C., Cunge, J.A., O’connell, P.E., Rasmussen, J., 1986. An Introduction to the European Hydrological System- Systeme hydrologique Europeen SHE 2, Structure of a physically based distributed modeling system. *Journal Hydrologi* 87 : 61 - 77
- Alibuyog NR, Bella VB, Reyes M, Srinivasan R, Heatwole C, Dillaha T. 2009. Predicting The Effects of Land Use Change on Runoff and Sediment Yield in Manupali Rriver Sub Watersheds Using the SWAT Model. *International Agricultural Engineering Journal* 18 (1-2) : 15-25
- Arnold J G, Srinivasan R, Muttiah R S, Williams J R. 1998, Large-area Hydrologic Modeling and Assessment. I: Model Development. *Journal of the American Water Resources Association*. 34 (1) : 73–89.
- Arnold, J.G., Fohrer, N., 2005. *SWAT 2000 : Current Capabilities and Research Opportunities in Applied Watershed Modelling*. Hydrological Processes. 19, 563–572.
- Arnold J G, Kiniry J R, Srinivasan R, Williams J R, Haney E B, Neitsch S L, 2011. *Soil and Water Assessment Tool Input/Output File Documentation : Version 2009*. U.S Department Of Agriculture – Agriculture Research Service, Grassland, Soil and Water Research Laboratory, Temple, TX and Black Land Reserch and Extension Center, Texas AgriLife Research, Temple, TX Texas Water Resources Institute Technical Report No. 365, Texas A&M University System, College Station, TX
- Arnold J G, Moriasi D N, Grassman P W, Abbaspour K C, White M J, Srinivasan R, Santhi C., Harmel, R.D., Van Griensven A., Van Liew M. W., Kannan N., Jha M. K., 2012. SWAT : Model Use, Calibration and Validation. *Journal Ameican Society of Agricultural and Biological Engineers ISSN 2151-0032. Transactions of ASABE; 55(4): 1491-1508* : Doi : 10.13031/2013.42256.
- Arroyo, L., Heidenger, H. and Araya E.J., 2010. *Mondelo Hidrologico SWAT Como Herramienta Para Procesos de Toma de Decision*. Documento Tecnico N 14. Area de Evaluacion de Tierras. Instituto Nacional de Innovacion y Transferencia en Tecnologia Agropecuaria, San Jose, Cota Rica.

- Arwindrasti, B. K. 1997. *Kajian Karakteristik Hidrologi DAS Cisadane*. Tesis Magister. Institut Pertanian Bogor. Bogor.
- Arsyad S. 2006. *Konservasi Tanah dan Air*. Bogor : IPB Press.
- Asdak, C. 1995. *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta : Gadjah Mada University Press Cetakan ke-2
- Asdak, C. 2010. *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta : UGM Press Cetakan ke-5
- Badan Lingkungan Hidup Propinsi Jawa Tengah, 2009, *Laporan Akhir Penyiapan Usulan Penetapan Kelas Air dan Perhitungan Daya Tampung Sungai Garang*, Semarang, Jawa Tengah
- Badan Pusat Statistik Kota Semarang, 2014, *Kota Semarang dalam Angka Tahun 2014*. Semarang. Jawa Tengah
- Bahera, S., Panda, R.K., 2006. Evaluation of Management Alternatives for An Agricultural Watershed in a Sub-humid Subtropical Region Using a Physical Process Based Model. *Journal Agricultural Ecosystem and Environmental*. 113 : 62-72.
- Balai Pengelolaan Daerah Aliran Sungai Pemali Jratun, 2014, *Baseline Data Pengelolaan DAS*, Semarang Jawa Tengah.
- Balai Pengelolaan Daerah Aliran Sungai Pemali Jratun, 2014, *Laporan Akhir Implementasi Aplikasi SWAT dalam Rangka Pengelolaan DAS Wilayah DAS Garang*, Semarang, Indonesia
- Beven, K.J., Kirkby, M.J., 1979. A Physically based, Variable Contributing Area Model of Basin Hydrologiy. *Hydrol. Sci. Bull.* 24 : 43 - 69
- Bhuvanewari K., V. Geethalakshmi, Laksmanan, R. Srinivasan, Nagothu Udaya Sekhar, 2013, The Impact of El Niño/Southern Oscillation on Hydrology and Rice Productivity in the Cauvery Basin, India: Application of the Soil and Water Assessment Tool. *Elsevier Weather and Climate Extremes* 2 : 39–47
- Budiyanto, S., 2015, *Aplikasi Teknologi Konservasi Tanah dan Air dalam Upaya Pengelolaan Sumbledaya Air DAS Kaligarang, Provinsi Jawa Tengah*. Disartasi Sekolah Pascasarjana Institut Pertanian Bogor. Bogor

- Cao, W., Bowden, W.B., Davie, T., Fenemor, A., 2006. Multi Variable and Multi Site Calibration and Validation of SWAT in a Large Mountainous Catchment With High Spatial Variability. *Hydrol. Process* 20 : 1057 - 1073
- Chow, V.T., 1959, *Open Channel Hydraulics*. Mc. Graw-Hill Kogakusha Ltd., Tokyo.
- Chow, V.T., 1964, *Handbook of Applied Hydrology a Compendium of Water Resources Tecnology*. Mc. Grow-Hill Book Company, New York
- Collischonn, W., Tucci, C.E.M., 2001. *Simulacao Hidrologica de Grandes Bacias*. Rev. Bras. Recursos Hidricos 6, 95 – 118.
- Darwati, 2003, *Evaluasi Program Kali Bersih (Prokasih) di Kaligarang Semarang*. Tesis Magister Ilmu Lingkungan Universitas Diponegoro.
- Dewajati R., 2003, *Pengaruh Perubahan Penggunaan Lahan DAS Kaligarang Terhadap Banjir di Kota Semarang*. Tesis Magister Teknik Sipil. Universtas Diponegoro
- Di Luzio, M., Srinivasan R., Arnold J.G. 2004. *A GIS-Coupled Hydrological Model System for The Waterhed Assessment of Agricultural Nonpoint and Point Sources of Pollution*. Transactions in GIS, 8 (1) : 112-136
- Direktorat Jenderal Rehabilitasi Lahan dan Perhutanan Sosial. 2009. *Peraturan Direktur Jenderal Rehabilitasi Lahan dan Perhutanan Sosial Nomor : P.04/V-SET/2009 tentang Pedoman Monitoring dan Evaluasi Daerah Aliran Sungai*. Jakarta (ID)
- Direktorat Jenderal Bina Pengelolaan DAS dan Perhutanan Sosial, 2015, *Peraturan Direktur Jenderal Bina Pengelolaan DAS dan Perhutanan Sosial Petunjuk Teknis Pemanfaatan Model Hidrologi dalam Pengelolaan DAS*, Jakarta. Indonesia
- Donizete dos R. Pereira, Mauro A. Martinez, Fernando F. Pruski, Demetrius D. Da Silva, 2016. Hydrological Simulation in a Basin of Tropical Climate and Soil Using The SWAT Model Part I : Calibration and Validation tests. *Elsevier. Journal of Hydrology ; Regional Studies* 7 : 14 - 37
- Dooge., J.C.I., 1973, *Linear Theory of Hydrologic Systems*. Technical Bulletin no. 1468. New York : Agricultural Research Service, United Stated Department of Agriculture.

- Douglas-Mankin, K R, Srinivasan R, Arnold J G. 2010, Soil and Water Assessment Tool (SWAT) Model: Current Developments and Applications. *Transactions of the ASABE*. 53 (5) : 1423–1431
- Driessen, P.M., P. Buurman, and Permadhy. 1976. *The Influence of Shifting Cultivation on a Podzolic Soil from Central Kalimantan*. Proceedings Peat and Podzolic Soils and Their Potential for Agriculture in Indonesia. Bulletin 3. Soil Research Institute. pP:95-114
- Dulbahri, 1998, *Perubahan Penggunaan Lahan di Daerah Aliran Sungai Progo Jawa Tengah: Laporan Penelitian*, Fakultas Geografi UGM, Yogyakarta
- Dunne, T. & Leopold, L. B., 1978, *Water in Environmental Planning*. W.H. Freeman, San Fransisco, CA, USA
- Easton, Z., Fuka, D., White, E., Collick, A., Biruk Asharge, B., McCartney, M., Awulachew, S., Ahmed, A. & Steenhuis, T. 2010. A Multi Basin SWAT Model Analysis of Runoff and Sedimentation in The Blue Nile, Ethiopia. *Hydrologi Earth Syst. Sci.* 7: 3837-3878
- El Sadek, A., and Irvem A. 2014. Evaluating the Impact of Land Use Uncertainty on The Simulated Streamflow and Sediment Yield of The Seyhan River Basin Using The SWAT Model. *Turkish Journal of Agriculture and Forestry*. 38 : 515 - 530
- Emilda A, 2010. *Dampak Perubahan Penggunaan Lahan Terhadap Respon Hidrologi DAS Cisadane Hulu*. Tesis Magister. Institut Pertanian Bogor. Bogor
- Endrawati, 2013. *Analisis Debit Aliran Sungai Menggunakan Model SWAT di Sub DAS Ciasem Kabupaten Subang Jawa Barat*. Skripsi. Institut Pertanian Bogor. Bogor
- Engman, E.T., 1983. *Roughness Coefficients for Routing Surface Runoff*. Proc. Spec. Conf. Frontiers of Hydraulic Engineering.
- Erna S, dan Fahmuddin A, 2005, *Perubahan Penggunaan Lahan dan Dampaknya Terhadap Karakteristik Hidrologi : Suatu Studi di DAS Cijalupang, Bandung Jawa Barat*, Prosiding Multifungsi Pertanian, Balai Penelitian Tanah, Bogor
- Fatahillah M, 2013, *Kajian Keterpaduan Lembaga Dalam Pengelolaan Daerah Aliran Sungai (DAS) Garang Propinsi Jawa Tengah*. Tesis Magister. Universitas Diponegoro. Semarang.

- Firdaus G, 2014, *Analisis Respon Hidrologi Terhadap Penerapan Teknik Konservasi Tanah di Sub DAS Lengkong menggunakan Model SWAT*. Tesis Magister. Institut Pertanian Bogor. Bogor
- Gassman P W, Reyes M R, Green C H, Arnold J G., 2007. The Soil and Water Assessment Tool: Historical Development, Applications, and Future Research Directions. *American Society of Agricultural and Biological Engineers*. 50 (4) : 1211–1250
- Gassman P W, Sadeghi A M, Srinivasan R. 2014, Applications of The SWAT Model Special Section: Overview and Insights. *Journal of Environmental Quality*; 43(1): 1–8
- Gupta, H.V., Sorooshian, S., Yapo, P.O., 1999. Status of automatic calibration for hydrologic models: comparison with multilevel expert calibration. *Journal Hydrol. Eng.* 4 (2) : 135–143.
- Hakim, 2004, *Pengaruh Perilaku Lingkungan terhadap Imbangan Air (Water Balance) Das Kaligarang Jawa Tengah*, Tesis Magister Ilmu Lingkungan Universitas Diponegoro Semarang.
- Indarto, 2012, *Hidrologi, Dasar Teori dan Contoh Aplikasi Model Hidrologi*, Jakarta : Bumi Aksara
- Jayakrishnan, R., Srinivasan, R., Santhi, C. & Arnold, J. 2005. Advances in The Application of The SWAT Model for Water Resources Management. *Hydro. Process.* 19 : 749 – 762
- Jha MK, Schilling KE, Grassman P.W, Wolter CF. 2010. Targeting Land Use Change for Nitrate-Nitrogen Load Reductions in an Agricultural Watershed. *Journal of Soil and Water Conservation* 65 (6)
- Johnson, K.H. 1977. *A Predictive Method for Ground Water Levels*, Cornell University, Ithica, New York
- Junaidi, E., 2009, *Kajian berbagai alternative Perencanaan Pengelolaan DAS Cisadane menggunakan model SWAT*. Sekolah Pascasarjana Institut Pertanian Bogor. Bogor
- Kementerian Kehutanan Republik Indonesia, 2004. Keputusan Menteri Kehutanan Republik Indonesia Nomor : SK. 359/Menhut-II/2004 tentang Penunjukkan Kawasan Hutan di Wilayah Jawa Tengah. Jakarta (ID)

- Kementerian Kehutanan Republik Indonesia, 2009. Keputusan Menteri Kehutanan Republik Indonesia Nomor : SK.328/Menhut-II/2009 tentang Penetapan Daerah Aliran Sungai DAS Prioritas dalam rangka Rencana Pembangunan Jangka Menengah (RPJM) Tahun 2010-2014. Jakarta (ID).
- Kementerian Kehutanan Republik Indonesia, 2011. Keputusan Menteri Kehutanan Republik Indonesia Nomor : SK.511/Menhut-V/2011 tentang Penetapan Daerah Aliran Sungai. Jakarta (ID)
- Kementerian Kehutanan Republik Indonesia, 2013 Peraturan Menteri Kehutanan Nomor : P61/Menhut-II/2013 tentang Monitoring dan Evaluasi Pengelolaan DAS. Jakarta (ID)
- Klain, R. D. 1979, *Urbanization and Stream Quality Impairment*. Water Resources Bulletin 15 (4): 948-963.
- Kodoatie, R.J., dan Sugiyanto, 2002. *Banjir – Beberapa Penyebab dan Metode Pengendaliannya dalam Perspektif Lingkungan*, Cetakan I, Pustaka Pelajar Yogyakarta.
- Kodoatie, R.J., dan Sjarif R, 2010. *Tata Ruang Air*, Andi Yogyakarta
- Krysanova V, White M. 2008, Advances in Water Resources Assessment with SWAT—an Overview. *Hydrological Sciences Journal*, 53 (5) : 939–947.
- Latifah I. 2013. *Analisis Ketersediaan Air, Sedimenasi, dan Karbon Organik dengan Model SWAT di Hulu DAS Jeneberang*, Sulawesi Selatan. [Tesis]. Bogor. Sekolah Pascasarjana Institut Pertanian Bogor. Bogor
- Marlina B, 2012 *Kajian Pengelolaan DAS Garang Untuk Memenuhi Kualitas Air Sesuai Dengan Peruntukannya*. Tesis Semarang: Megister Ilmu Lingkungan Universitas Diponegoro
- Manoj K. Shukla, 2011. *Soil Hydrology, Land Use and Agriculture : Measurement and Modelling*, New Mexico State University. Page 203
- Mawardi, I., 2010, *Kerusakan DAS dan Penurunan Daya Dukung Sumberdaya Air di Pulau Jawa serta Upaya Penanganannya*. Jurnal Hidrosfer Indonesia vol 5 (2)
- Moenarti, E.S., 2003, *Evaluasi Prokasih di Kota Semarang Tinjauan Kondisi Fisika-Kimia Air Sungai Kaligarang*. Tesis Magister Ilmu Lingkungan Universitas Diponegoro Semarang.

- Moriasi DN, Arnold JG, Van Liew MW, Bingner RL, Harmel RD, Veith TL., 2007, *Model Evaluation Guidelines for Systematic Quantification of Accuracy in Watershed Simulations*. T ASABE 50 :
- Mubarok Z, 2014, *Kajian Respon Perubahan Penggunaan Lahan Terhadap Karakteristik Hidrologi DAS Way Betung*. Tesis Bogor: Sekolah Pascasarjana, Institut Pertanian Bogor.
- Muchtar A. 2006, Analisis Faktor-faktor yang mempengaruhi Total Air Sungai-sungai Mamasa Sulawesi Selatan. *Jurnal Sains dan Teknologi Vol 6 (1) : 41-58*
- Mulyana N. 2012. *Analisis Luas Tutupan Hutan Terhadap Ketersediaan Green Water dan Blue Water di Sub DAS Gumbasa dan Sub DAS Cisadane Hulu dengan Aplikasi Model SWAT*. [Disertasi]. Sekolah Pascasarjana Institut Pertanian Bogor. Bogor
- Nash JE. Sutcliffe JV. 1970. River Flow Forecasting Through Conceptual Models Part I – Discussion of Principles. *Journal of Hydrology. 10 (3) : 282-190*
- Neitsch, S.L., Arnold, J.G., Kiniry, J.R., Srinivasan, R., Williams, J.R., 2002. *Soil and Water Assessment Tool. User's Manual. Version 2005*. GSWRL Report 02-02, BRC Report 2-06, Temple, Texas, USA
- Neitsch S.L, Arnold JG, Kiniry JR, Williams JR. 2005. *Soil and Water Assessment Tool : Theoretical Documentation Version 2005*. Agricultural Research Service and Texas Agricultural Experiment Station.
- Neller, R. J. 1988, *A Comparison of Channel Erosion in Small Urban and Rural Catchments, Armidale, New South Wales*. Earth Surface Processes and Landforms 13: 1 – 7.
- Niraula, R., Kalin, L., Srivastava, P. & Anderson, C. J. 2013 *Identifying Critical Source Areas of Nonpoint Source Pollution with SWAT and GWLF*. Ecol. Model. 268 : 123 – 133.
- Pawitan, H, 2016, *Perubahan Penggunaan Lahan dan Pengaruhnya Terhadap Hidrologi Daerah Aliran Sungai*, Laboratorium Hidrometeorologi FMIPA, IPB Bogor
- Pemerintah Daerah Propinsi Jawa Tengah, 2010. *Peraturan Pemerintah Daerah Nomor 6 Tahun 2010 Rencana Tata Ruang Wilayah Propinsi Jawa Tengah Tahun 2009 – 2029*. Semarang, Indonesia.

- Peraza-Castro M., Ruiz-Romero E., Montoya Armenta L.H., Sanchez Perez J.M., and Sauvage S., 2015. Evaluation of Hydrology, Suspended Sediment and Nickel Loads in a Small Watershed in Basque Country (Northern Spain) Using Eco-hydrological SWAT Model. *International Journal limnology*. 51 : (59-70) doi : 10.1051/limn/2015006
- Ponce, V. M. 1989. *Engineering Hydrology: Principles and Practices*. Prentice Hall, New Jersey.
- Prastowo. 2003. *Masalah Sumberdaya Air di Indonesia : Kerusakan DAS dan Rendahnya Kinerja Pemanfaatan Air*.
- Purwanto, 2004 *Permodelan Rekayasa Lingkungan*, Program studi ilmu lingkungan Universitas Diponegoro
- Rallison, R.E and N. Miller 1981. *Past, Present and Future SCS Runoff Procedure*. P. 353-354. In V.P Singh (ed). Rainfall runoff relationship. Water Resources Publication, Littleton, CO
- Ramdan, H. 1999. *Aplikasi Model ANSWER dalam Pendugaan Erosi dan Aliran Permukaan di DTA Cikamutuk Sub DAS Cimanuk Hulu*. [Tesis]. Bogor. Institut Pertanian Bogor. Program Pascasarjana.
- Republik Indonesia, 2004. Undang-Undang Republik Indonesia Nomor 19 Tahun 2004, Tentang Penetapan Peraturan Pemerintah Penganti Undang-Undang Nomor 1 Tahun 2004 Tentang Perubahan atas undang-Undang Nomor 41 Tahun 1999 Tentang Kehutanan. Lembaran Negara Republik Indonesia Tahun 2004 Nomor 29
- Republik Indonesia, 2012. Peraturan Pemerintah Nomor 37 Tahun 2012 Pengelolaan Daerah Aliran Sungai. 1 Maret 2012. Lembaran Negara Republik Indonesia Tahun 2012 Nomor 62. Jakarta.
- Rosnila, 2005, *Perubahan Penggunaan Lahan dan Pengaruhnya terhadap Keberadaan Situ (Studi Kasus Kota Depok)* <https://konservasisitudepok.wordpress.com> diakses (22.08.2016)
- Rustiadi E, Saefulhakim S, Panuju DR. 2009. *Perencanaan dan Pengembangan Wilayah*. Crestpent Press dan Yayasan Obor Indonesia. Jakarta.
- Sandy, IM, 1985. *DAS – Ekosistem Penggunaan Tanah*. Publikasi Direktorat Taguna Tanah Departemen Dalam Negeri (Publikasi 437).
- Sangrey, D.A., K.O Harrop-Williams, and J.A Klaiber. 1984. Predicting Groudwater Response to Precipitation. *ASCE Journal Geotech. Eng* 110 (7) : 957-975.

- Santhi C., Srinivasan R., Arnold J.G., Williams J.R., 2006, A Modelling Approach to Evaluate The Impacts of Water Quality Management Plans Implemented in a Watershed in Texas. *Environmental Modelling & Software 21* : 1141-1157.
- Sasongko, L.A., 2006, *Kontribusi Air Limbah Domestik Penduduk di Sekitar Sungai Tuk terhadap Kualitas Air Sungai Kaligarang serta Upaya Penanganannya (Studi kasus kelurahan Gajah Mungkur Kota Semarang)*, Tesis Program Studi Ilmu Lingkungan, Universitas Diponegoro.
- Satria, A.U., 2015, *Analisis Debit Sungai di Sub DAS Ciliwung Tengah dengan Menggunakan Model SWAT*. Tesis. Sekolah Pascasarjana Institut Pertanian Bogor. Bogor
- Schaffner, M., Bader, H.P., & Schedegger, R. 2009. Modeling the Contribution of Point Sources and Non-point Sources to Thachin River Water Pollution. *Sci. Total Environ. 407*: 4902-4915
- Schwab, G.O., Frevert R.K., Edminster T.W., Barnes K.K., 1981. *Soil and Water Conservation Engineering*. McGraw Hill Book Co. Inc. New York.
- Setyowati, L.D. 2010. *Hubungan Hujan dan Limpasan pada Berbagai Dinamika Spasial Penggunaan Lahan di DAS Kreo Jawa Tengah*. Disertasi. Fakultas Geografi. Universitas Gadjah Mada. Yogyakarta
- Setyowati, L.D, Suharini E. 2011, *DAS Garang Hulu : Tata Air, Erosi dan Konservasi*, Semarang. Widya Karya. 91 Hal
- Shen, Z., Gong, Y., Li, Y., Hong, Q., Xu, L. & Liu, R. 2009. A Comparison of WEPP and SWAT for Modeling Soil Erosion of The Zhangjiachong Watershed in The Three Gorges Reservoir Area. *Agr. Water. Management. 96*: 1435-1442
- Singh. H. V., Kalin. K., Morrison. A., Srivastava. P., Lockaby. G., and Pan. S., 2015. Post-Validation of SWAT Model in a Coastal Waterhed for Predicting Land Use/Cover Change Impacts. *Journal of Hydrology Research 46 (6)* 837-853. Doi :10.2166/nh.2015.222
- Sitorus, S.R.P. 1985. *Evaluasi Sumberdaya Lahan*. PT Tarsito, Bandung
- Seyhan, E. 1999. *Dasar-Dasar Hidrologi*. Gadjahmada University Press. Yogyakarta
- Smedema, L.K. and D.W. Rycroft, 1983, *Land Drainage – Planning and Design of Agricultural Dranage Systems*, Cornell University Press, Ithica, New York.

- Soil Conservation Service. 1972. *Section 4 : Hydrology In National Engineering Handbook. SCS*
- Sucipto, 2008. *Kajian Sedimentasi di Sungai Kali Garang dalam Upaya Pengelolaan DAS Kaligarang Semarang*. Tesis Magister Ilmu Lingkungan Universitas Diponegoro. Semarang.
- Suripin. 2002. *Pelestarian Sumber Daya Tanah dan Air*. Yogyakarta: Penerbit Andi
- Susilowati, I., 2006, *Managing River Without Management ? Experience of Kaligarang (Banjir Kanal Barat) River*, Semarang Indonesia. Disampaikan pada Brisbane River Festival pada 4 – 7 September 2006, Brisbane, Australia.
- Suryani, E., 2009, *Optimasi Perencanaan Penggunaan Lahan Menggunakan Sistem Informasi Geografi (SIG) dan Soil and Water Assessment Tool (SWAT) (Suatu Studi di DAS Cijalupang, Bandung, Jawa Barat)*. *Jurnal Tanah dan Lingkungan Vol 11 No.2. ISSN 1410-7333*
- Talkuputra, M. Nad. D. 1979. *Faktor – Faktor yang Mempengaruhi Debit Air dan Kadar Lumpur Perairan Sungai di Jawa Barat*. [disertasi]. Bogor. Institut Pertanian Bogor. Sekolah Pascasarjana.
- Tao C, Chen X L, Lu J Z, Gassman P W, Sabine S, Jose-Miguel SP., 2015, *Assessing Impacts of Defferent Land Use Scenarios on Water Budget of Fuhe River, China Using SWAT Model*, *International Journal Agricultural & Biological Eng*, 2015; 8 (3): 95-109
- Tuppad P, Douglas-Mankin K R, Lee T, Srinivasan R, Arnold J G. 2011, *Soil and Water Assessment Tool (SWAT) Hydrologic/Water Quality Model: Extended Capability and Wider Adoption*. *Transactions of ASABE*. 54 (5) : 1677–1684. *Doi: 10.13031/2013.34915*.
- Ullrich A., and Martin V., 2009. *Application of The Soil and Water Assessment Tool (SWAT) to Predict The Impact of Alternative Management Practices on Water Quality and Quantity*. *Journal Agricultural Water Management* 96 : 1207 – 1217
- Viessman W., Jr., John W. Knapp, dan Gary L. Lewis. 1977. *Introduction to Hydrology*. New York: Harper & Row Publisher.
- Vink A.P.A., 1975, *Land Use in Advancing Agriculture*. Berlin Heidelberg. New York : Springer-Verlag.

- Wang, S., Zhang, Z., Sun, G., Strauss, P., Guo, J., Tang, Y., Yao, A., 2012. Multi Site Calibration Validation, and Sensitivity Analysis of the MIKE SHE Model for a Large Watershed in Northern China. *Hydrol. Earth Syst. Sci.* 16, 4621 - 4632
- Warsono A, Soetomo S, Wahyono H. 2009. *Perkembangan Permukiman Pinggiran Kota pada Koridor Jalan Kaliurang, Kabupaten Sleman*. Jurnal Tata Kota dan Daerah Vol. I No. I Tahun 2009. Universitas Brawijaya. Malang.
- Williams J R, Arnold J G, Kiniry J R, Gassman P W, Green C H., 2008, History of model development at Temple, Texas. *Hydrological Sciences Journal*, 53(5): 948–960. doi: 10.1623/hysj.53.5.948
- Winoto J, Selari M, Saefulhakim S, Santoso DA, Achsani NA, Panuju DR. 1996. *Laporan Akhir Penelitian Alih Guna Tanah Pertanian*. Bogor : Lembaga Penelitian IPB Bekerjasama dengan Proyek Pengembangan Pengelolaan Sumberdaya Pertanahan BPN.
- Yusuf SM. 2010. *Kajian Respon Perubahan Penggunaan Lahan Terhadap Karakteristik Hidrologi Pada DAS Cisarea Menggunakan Model MWSWAT* [Tesis]. Bogor : Sekolah Pascasarjana, IPB.
- Yustika RD. 2013. *Pengelolaan Lahan Terbaik Hasil Simulasi Model SWAT untuk Mengurangi Aliran Permukaan di Sub DAS Ciliwung Hulu*. [Tesis]. Bogor. Sekolah Pascasarjana Institut Pertanian Bogor. Bogor
- Zhang, P., Liu, Y., Pan, Y. & Yu, Z. 2013. Land Use Pattern Optimization Based on CLUE-S and SWAT Models for Agricultural Non-point Source Pollution Control. *Math. Comput. Model.* 58: 588-595
- Zhu, H., Li, Y., Liu, Z., Shi, X., Fu, B. & Xing, Z., 2015 Using SWAT to Simulate Streamflow in Huifa River Basin With Ground and Fengyun Precipitation Data. *Journal of Hydroinformatics* 17 (5) : 834-844
- Zhou, F., Xu, Y. P., Chen, Y., Xu, C.-Y., Gao, Y. Q & Du, J. K. 2013, Hydrological Response to Urbanization at Different Spatiotemporal Scales Simulated by Coupling of CLUE-S and SWAT Model in The Yangtze River Delta Region. *Journal of Hydrology* 485 : 113-125