

DAFTAR PUSTAKA

- Abbaspour, K.C. 2015. *SWAT-CUP; SWAT Calibration and Uncertainty Programs*. Eawag: Swiss Federal Institute of Aquatic Science and Technology.
- Adrionita. 2011. Analisis Debit Sungai dengan Model MWSWAT pada Berbagai Penggunaan Lahan di DAS Citarum Hulu Jawa Barat. *Tesis*. Sekolah Pascasarjana. Institut Pertanian Bogor.
- Ahl, R.E., Scott W. Woods, and Hans R. Zuuring. 2008. Hydrologic Calibration and Validation of SWAT in a snow-melt dominated Rocky Mountain Watershed, Montana, USA. *Journal of the American Water Resources Association*, 44(6), pp.1411–1430.
- Alwi, L.O. 2012. Kajian Dampak Dinamika Penggunaan Lahan di DAS Wanggu terhadap Sedimentasi di Teluk Kendari Sulawesi Tenggara. *Disertasi*. Sekolah Pascasarjana. Institut Pertanian Bogor.
- Alwi, L. O. dan Sitti Marwah. 2014. Dampak Penggunaan Lahan Terhadap Sumber Daya Air: Studi Literatur dan Hasil Penelitian. *Jurnal Agroteknos*, 4(2), pp.134–145.
- Andualem, T.G. and Bogale Gebremariam. 2015. Impact Of Land Use Land Cover Change On Stream Flow And Sediment Yield : A Case Study Of Gilgel Abay Watershed, Lake Tana Sub-Basin, Ethiopia. *International Journal Of Technology Enhancements And Emerging Engineering Research*, Vol. 3(11), pp.28–42.
- Arnold, J.G., R. Srinivasan, R. S. Mutiah, J R. Williams. 1998. Large Area Hydrologic Modelling and Assesment. *Journal of The American Water Resources Association*, Vol. 34(1), pp.73–89.
- Arnold, J.G., D. N. Moriasi, P. W. Gassman, K. C. Abbaspour, M. J. White, R. Srinivasan, C. Santhi, R. D. Harmel, A. van Griensven, M. W. Van Liew, N. Kannan, M. K. Jha. 2012. SWAT: Model Use, Calibration, and Validation. *Journal of American Society of Agricultural and Biological Engineers*. Vol. 55(4), pp.1491–1508.
- Arsyad, S. 2012. *Konservasi Tanah dan Air*. Edisi Kedua. Bogor. IPB Press.
- Asdak, C. 1995. *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta. Gadjah Mada University Press.
- Atmodjo, W., Sunarto dan Darmakusuma, D. 2006. Pola Akumulasi dan Karakteristik Sedimen di Perairan Delta Sungai Bodri, Kabupaten Kendal Jawa Tengah. *Jurnal Sains dan Siberatika*. Vol. XIX (1).
- Bappeda Kabupaten Kendal. 2011. *RTRW Wilayah Kabupaten Kendal Tahun 2011-2031*. Kendal. Pemkab Kendal
- Bappeda Kabupaten Semarang. 2011. *RTRW Wilayah Kabupaten Semarang Tahun 2011-2031*. Kendal. Pemkab Semarang
- Bappeda Kabupaten Wonosobo. 2011. *RTRW Wilayah Kabupaten Wonosobo Tahun 2011-2031*. Kendal. Pemkab Wonosobo

- Bappeda Kabupaten Temanggung. 2012. *RTRW Wilayah Kabupaten Temanggung Tahun 2011-2031*. Kendal. Pemkab Temanggung
- Bappeda Provinsi Jawa Tengah. 2014. *Rencana Pengelolaan DAS Terpadu DAS Bodri*. Semarang. Pemda Jawa Tengah
- Beek, K.J. 1978. *Land Evaluation For Agricultural Development*. Wageningen, Netherlands. International Institute For Land Reclamation And Improvement
- Belward, A.S. and C.R.Valenzuela. 1991. *Remote Sensing and Geographical Information Systems for Resource Management in Developing Countries*. Dordrecht, Netherlands. Kluwer Academic Publishers.
- Bieger, K., G. Hormann and N. Fohrer. 2015. The Impact of Land use Change in The Xiangxi Catchment (China) on Water Balance and Sediment Transport. *Reg Environ Change (2015)*, 15, pp.485–498.
- Bonham-Carter, G.F. 1994. *Geographic Information Systems for Geoscientists: Modelling with GIS*. Kidlington, U.K. Elsevier Science Ltd.
- Bonumá, Nadia Bernardi, José Miguel Reichert, Miriam Fernanda Rodrigues, José Alberto Fernandez Monteiro, Jeffrey G. Arnold and Raghavan Srinivasan. 2015. Modeling Surface Hydrology, Soil Erosion, Nutrient Transport, and Future Scenarios with the Ecohydrological SWAT Model in Brazilian Watersheds and River Basins. *Tópicos em Ciência do Solo*, 9(6), pp.241–290.
- BPDASPJ. 2014. *Laporan Kegiatan Klasifikasi DAS Wilayah Kerja Balai Pengelolaan DAS Pemali Jratun*. Semarang. Balai Pengelolaan DAS Pemali Jratun.
- BSN. 2010. *Klasifikasi Penutup Lahan (SNI 7645 : 2010)*.
- Camacho-Sanabria, J.M., José I. Juan-Pérez and Noel B. Pineda-Jaimes. 2015. Modeling Of Land Use/Cover Changes: Prospective Scenarios In The Estado De Mexico. Case Study – Amanalco De Becerra. *Revista Chapingo, Serie Ciencias Forestales y del Ambiente*, Vol. 21 (2), pp.203-220. DOI: 10.5154/r.rchscfa.2014.10.049
- Campbell, J.B. and R.H., Wynne. 2011. *Intoduction to Remote Sensing*. New York. The Guilford Press.
- Congalton, R.G. 1991. A Review of Assessing The Accuracy of Classifications of Remotely Sensed Data. *Remote Sensing of Environment*, 37(1), pp.35–46. DOI: 10.1016/0034-4257(91)90048-B
- Danoedoro, P. 2012. *Pengantar Penginderaan Jauh Digital*. Yogyakarta. Penerbit Andi offset.
- Darmanto, D. 1990. Model Hasil Sedimen pada Sungai di Jawa. *Majalah Geografi Indonesia*, Th. 2-3(4–5), pp.1–13.
- De By, R.A., Richard A. Knippers, Yuxian Sun, Martin C. Ellis, Menno-Jan Kraak, Michael J. C.Weir, Yola Georgiadou, Mostafa M. Radwan, Cees J. vanWesten, Wolfgang Kainz and Edmund J. Sides. 2001. *Principles of Geographic Information Systems*, Enschede, The Netherlands: The International Institute for Aerospace Survey and Earth Sciences (ITC).

- DeFries, R. and K.N. Eshleman. 2004. Land-Use Change and Hydrologic Processes: A Major Focus For The Future. *Hydrological Processes*, Vol. 18, pp.2183–2186. DOI: 10.1002/hyp.5584
- Demirci, A. and Ahmet Karaburun. 2012. Estimation of soil erosion using RUSLE in a GIS framework: A case study in the Buyukcekmece Lake watershed, northwest Turkey. *Environmental Earth Sciences*, Vol. 66(3), pp.903–913. DOI: 10.1007/s12665-011-1300-9
- Ditjen Planologi. 2015. *Peraturan Direktur Jenderal Planologi Nomor : P.1/VII-IPSDHI/2015 Tentang Pedoman Pemantauan Penutupan Lahan*. Jakarta. Kementerian Lingkungan Hidup dan Kehutanan.
- Fichera, C. R., Giuseppe Modica and Maurizio Pollino. 2012. Land Cover Classification And Change-Detection Analysis Using Multi-Temporal Remote Sensed Imagery And Landscape Metrics. *European Journal of Remote Sensing*, (45), pp.1–18. DOI: 10.5721/EuJRS20124501
- Firdaus, G. 2014. Analisis Respon Hidrologi terhadap Penerapan Teknik Konservasi Tanah di Sub DAS Lengkong menggunakan Model SWAT. *Tesis*. Sekolah Pascasarjana. Institut Pertanian Bogor.
- Foresman, T.W., Steward T. A. Pickett and Wayne C. Zipperer. 1997. Methods For Spatial and Temporal Land Use and Land Cover Assessment For Urban Ecosystems and Application In The Greater Baltimore-Chesapeake Region. *Urban Ecosystems*, 1, pp.201–216. DOI: 10.1023/A:1018583729727.
- Gassman, P., M. R. Reyes, C. H. Green, and J. G. Arnold. 2007. The Soil and Water Assessment Tool : Historical Development, Applications, and Future Research Directions. *Journal of American Society of Agricultural and Biological Engineers*, Vol. 50(4), pp.1211–1250.
- Gassman, P.W. and W. Yingkuan. 2015. Innovative Modeling Solutions for Water Resource Problems. *International Journal of Agricultural and Biological Engineering*, 8(3), pp.1–8. DOI: 10.3965/j.ijabe.20150803.1763.
- Gunawan, T. 1991. Penerapan Teknik Penginderaan Jauh untuk Menduga Debit Puncak Menggunakan Karakteristik Lingkungan Fisik DAS; Studi Kasus di Daerah Aliran Sungai Bengawan Solo Hulu Jawa Tengah. *Disertasi*. Sekolah Pascasarjana. Institut Pertanian Bogor.
- Gunawan, T. 2015. Kajian Aspek Geofisik Sumberdaya Hutan dan Lahan dalam *Konservasi Sumberdaya Hutan dan Lahan*. Yogyakarta. Penerbit PT. Kanisius.
- Gutman, G., Anthony C. Janetos, Christopher O. Justice, Emilio F. Moran, John F. Mustard, Ronald R. Rindfuss, David Skole, Billy Lee Turner II and Mark A. Cochrane. 2004. Land Change Science: Observing, Monitoring, and Understanding Trajectories of Change on the Earth’s Surface. *Remote Sensing and Digital Image Processing*, Vol. 6, p.1-15. DOI: 10.1007/978-1-4020-2562-4_7
- Harsoyo, B. 2010. Review Modeling Hidrologi DAS di Indonesia. *Jurnal Sains & Teknologi Modifikasi Cuaca*, 11(1), pp.41–47.

- Hartanto, N. 2009. Kajian Respon Hidrologi Akibat Perubahan Penggunaan Lahan pada DAS Separi Menggunakan Model HEC-HMS. *Tesis*. Sekolah Pascasarjana. Institut Pertanian Bogor.
- Jain, M. K. and Debjyoti Das. 2010. Estimation Of Sediment Yield And Areas Of Soil Erosion And Deposition For Watershed Prioritization Using GIS And Remote Sensing. *Water Resources Management*, 24(10), pp.2091–2112. DOI: 10.1007/s11269-009-9540-0
- Jansen, L.J.M., Antonio Di Gregorio. Di, 2002. Parametric Land Cover And Land-Use Classifications As Tools For Environmental Change Detection. *Journal of Agriculture, Ecosystems and Environment*, Vol. 91, pp.89–100.
- Junaidi, E. 2009. Kajian Berbagai Alternatif Perencanaan Pengelolaan DAS Cisadane Menggunakan Model SWAT. *Tesis*. Sekolah Pascasarjana. Institut Pertanian Bogor.
- Kato, G. 2005. Forestry Sector Reform and Distributional Change of Natural Resource Rent In Indonesia. *The Developing Economies*, 43(1), pp.149–170. DOI: 10.1111/j.1746-1049.2005.tb00256.x
- Khorram, S., Frank H. Koch, Cynthia F. van der Wiele, Stacy A. C. Nelson. 2012. *Remote Sensing*. New York. Springer. DOI: 10.3390/rs4092736
- Kimwaga, R.J., F. Bukirwaa, N. Banaddab, U.G Walic, I. Nhapid and D. A. Mashauri. 2012. Modelling the Impact of Land Use Changes on Sediment Loading Into Lake Victoria Using SWAT Model : A Case of Simiyu Catchment Tanzania. *The Open Environmental Engineering Journal*, Vol. 5, pp.66–76.
- Kinnell, P.I.A. 2001. The USLE-M and Modeling Erosion Within Catchments. *Sustaining the Global Farm. Selected papers from the 10th International Soil Conservation Organization Meeting held May 24-29, 1999 at Purdue University and the USDA-ARS National Soil Erosion Research Laboratory.*, p.924–928.
- Kresse, W. and David M. Danko. 2011. *Springer Handbook of Geographic Information*. Dordrecht. Springer Ltd. DOI 10.1007/978-3-540-72680-7
- Krishna B, H., R. Sai kumar, O. Sampath and T. Nagendher. 2014. A Review- Impact of land use land cover change and best management practices in a watershed by using SWAT model. *International Journal of Pure & Applied Bioscience*, 2(1), pp.276–285.
- Krysanova, V. and Raghavan Srinivasan. 2015. Assessment of Climate and Land use Change Impacts with SWAT. *Reg Environ Change*, 15, pp.431–434. DOI : 10.1007/s10113-014-0742-5
- Krysanova, V. and Mike White. 2015. Advances in Water Resources Assessment with SWAT-An Overview. *Hydrological Sciences Journal*, 60(5), pp.771–783. DOI : 10.1080/02626667.2015.1029482
- Kurnia, U., Sudirman, Ishak Juarsah, dan Yoyo Soelaeman. 2010. Pengaruh Perubahan Penggunaan Lahan Terhadap Debit dan Banjir Di Bagian Hilir DAS Kaligarang. *Prosiding Seminar Nasional Multifungsi Lahan Sawah*, pp.111–120.

- Lambin, E.F., X. Baulies, N. Bockstael, G. Fischer, T. Krug, R. Leemans, E.F. Moran, R.R. Rindfuss, Y. Sato, D. Skole, B.L. Turner II, C. Vogel. 1999. *Land-Use and Land-Cover Change (LUCC) Implementation Strategy*. Stockholm, Sweden. International Geosphere-Biosphere Programme.
- Lillesand, T.M. and Ralph W Kiefer. 1994. *Remote Sensing and Image Interpretation* Third Edit. New York. John Wiley & Son, Inc.
- Marfai, M.A. 2012. *Pengantar Etika Lingkungan dan Kearifan Lokal*. Yogyakarta. Gadjah Mada University Press.
- Marsono, D. 2015. *Pendahuluan dalam Konservasi Sumberdaya Hutan dan Lahan*. Yogyakarta. Penerbit PT. Kanisius.
- Mcmorrow, J. 1992. Explaining False Colours : Why is the Grass Orange ? *Teaching Geography*, 17(4), pp.158–162.
- Negara, P.D., 2011. Rekonstruksi Kebijakan Pengelolaan Kawasan Konservasi Berbasis Kearifan Lokal Sebagai Kontribusi Menuju Pengelolaan Sumberdaya Alam Yang Indonesia. *Jurnal Konstitusi*, IV(2), pp.91–138.
- Neitsch, S.L. J.G. Arnold, J.R. Kiniry and J.R. Williams. 2002. Soil & Water Assessment Tool Theoretical Documentation Version 2000. Texas. Grassland, Soil And Water Research Laboratory. Agricultural Research Service.
- Neitsch, S.L. J.G. Arnold, J.R. Kiniry and J.R. Williams. 2011. Soil & Water Assessment Tool Theoretical Documentation Version 2009. Texas. Grassland, Soil And Water Research Laboratory. Agricultural Research Service.
- Ningrum, M. 2014. Kajian Perubahan Penggunaan Lahan DAS Bogowonto terhadap Rencana Tata Ruang Wilayah dalam rangka Pengendalian Sedimentasi. *Tesis*. Fakultas Geografi. Universitas Gajah Mada Yogyakarta.
- Nugraheni, A., Sobriyah dan Susilowati. 2013. Perbandingan Hasil Prediksi Laju Erosi Dengan Metode USLE, MUSLE, RUSLE di DAS Keduang. *Jurnal Matriks Teknik Sipil*, (September), pp.318–325.
- Paimin, Irfan Budi Pramono, Purwanto dan Dewi Retna Indrawati. 2012. *Sistem Perencanaan Pengelolaan Daerah Aliran Sungai*. Bogor. Pusat Penelitian dan Pengembangan Konservasi dan Rehabilitasi (P3KR).
- Paolini, L., Francisco Grings, Jose A. Sobrino, Juan C. Jimenez Munoz and Haydee Karszenbaum. 2006. Radiometric correction effects in Landsat multi-date/multi-sensor change detection studies. *International Journal of Remote Sensing*, 27(4), pp.685–704. DOI: 10.1080/01431160500183057
- Peraturan Pemerintah. 2012. *Peraturan Pemerintah Republik Indonesia Nomor 37 Tahun 2012 Tentang Pengelolaan Daerah Aliran Sungai*. Jakarta. Menhukham
- Prahasta, E. 2002. *Konsep-Konsep Dasar Sistem Informasi Geografis* Revisi. Bandung. CV Informatika.
- Purnama, L.S., Dwi Setyo Aji, Kukuh Widiyanto. 2014. *Pengendalian Aspek Kebencanaan dalam Daerah Aliran Sungai dalam Pengelolaan Daerah Aliran Sungai*. Yogyakarta. Gadjah Mada University Press.

- Purnama, S. dan Endang Mudjiatun. 2014. *Aspek Air tanah dalam Pengelolaan DAS dalam Pengelolaan Daerah Aliran Sungai*. Yogyakarta. Gadjah Mada University Press.
- Purnomo, H. 2006. Menuju Pengelolaan Hutan Skala Kecil (Forest Degradation and Unemployment : Towards Small-scale Forest Management). *Jurnal Manajemen Hutan Tropika*, XII(2), pp.44–56.
- Purwadhi, F.S.H. 2001. *Interpretasi Citra Digital*. Jakarta. Gramedia Widiasarana Indonesia (Grasindo).
- Purwadhi, F.S.H., dan Sanjoto, T.B. 2009. *Pengantar Interpretasi Citra Penginderaan Jauh*. Jakarta. LAPAN dan Universitas Negeri Semarang.
- Raharjo, P.D. 2009. Perubahan Penggunaan Lahan Das Kreo Terhadap Debit Puncak Dengan Aplikasi Penginderaan Jauh. *Jurnal Riset Geologi dan Pertambangan*, 19(2), pp.69–84.
- Rahayu dan Candra, Danang S. 2014. Koreksi Radiometrik Citra Landsat-8 Kanal Multispektral Menggunakan Top Of Atmosphere (TOA) untuk Mendukung Klasifikasi Penutup Lahan. *Seminar Nasional Penginderaan Jauh*, pp. 762-767.
- Rahmad, R. 2013. Pendugaan Erosi, Sedimen dan Skenario Penggunaan Lahan menggunakan ArcSWAT 2009 (Studi kasus : DAS Batang Arau, DAS Batang Kuranji dan DAS Batang Air Dingin – Kota Padang). *Tesis*. Fakultas Geografi. Universitas Gajah Mada Yogyakarta.
- Renard, K., G. R. Foster, G. A. Weesies, D. K. McCool, D. C. Yoder. 1997. Predicting soil erosion by water: a guide to conservation planning with the Revised Universal Soil Loss Equation (RUSLE). *Agricultural Handbook No. 703*, p.1-49.
- Ridwansyah, I. 2010. Applying Swat and Gis To Predict Impact of Landuse Change on Water Yield and Landuse Optimizing Landuse in Upper Cimanuk Catchment Area. *Tesis*. Sekolah Pascasarjana. Institut Pertanian Bogor.
- Risse, L.M., M. A, Nearing, A D Nicks and J M Laflen. 1993. Error Assessment in the Universal Soil Loss Equation. *Soil Science Society of America Journal*, 57(3), pp.825–833. DOI: 10.2136/sssaj1993.03615995005700030032x.
- Ritohardoyo, S. 2013. *Penggunaan dan Tata Guna Lahan*. Yogyakarta. Penerbit Ombak.
- Rustiadi, E. 2001. Alih Fungsi Lahan dalam Perspektif Lingkungan Perdesaan. *Lokakarya Penyusunann Kebijakan dan Strategi Pengelolaan Lingkungan Kawasan Perdesaan*, 10–11 Mei.
- Rustiadi, E., Sunsun Saefulhakim dan Panuju Dyah R. 2011. *Perencanaan dan Pengembangan Wilayah*. Jakarta. Yayasan Pustaka Obor Indonesia.
- Sadeghi, S.H.R. 2004. Application of MUSLE in prediction of sediment yield in Iranian conditions. *Paper at International Erosion Control Association (ISCO) , Brisbane, Australia*, No.998, pp.1–4.
- Saiya, H.G., Dibyosaputro, S. dan Santosa, S.H.B. 2016. USLE Estimation for Potential Erosion at Wae Heru Watershed and Wae Tonahitu Watershed, Ambon Island, Indonesia. *Indonesian Journal of Geography*, 48(2), pp.191–205.

- Sanderson, M. 2008. Retrieval Algorithms, Spatial. *Encyclopedia of GIS*, pp.961–966. DOI : 10.1007/978-0-387-35973-1_1125.
- Sanjoto, T.B. 2009. Kajian Morfodinamika Pesisir Kabupaten Kendal Menggunakan Teknologi Penginderaan Jauh Multi Spektral dan Multi Waktu. *Jurnal Geografi*, Volume 7 (No. 2 Juli 2010), pp.103–110.
- Sanjoto, T.B. 2012. Perubahan Spasial Delta Sungai Bodri Sebagai Basis Zonasi Tata Ruang Pesisir Kabupaten Kendal. *Disertasi*. Universitas Diponegoro Semarang.
- Sartohadi, J., Suratman, Jamulya dan Dewi, N.I.S. 2013. *Pengantar Geografi Tanah*. Yogyakarta. Putaka Pelajar
- She, X. Lifu Zhang, Yi Cen, Taixia Wu, Changping Huang and Muhammad Hasan Ali Baig. 2015. Comparison of the Continuity of Vegetation Indices Derived From Landsat 8 OLI And Landsat 7 ETM+ Data Among Different Vegetation Types. *Remote Sensing*, 7(10), pp.13485–13506. DOI : 10.3390/rs71013485.
- Sheng, T.C. 1990. *Watershed Management Field Manual*. Rome, Italia. Food And Agriculture Organization Of The United Nations.
- Sinukaban, N. 2007. Peranan Konservasi Tanah dan Air dalam Pengelolaan Daerah Aliran Sungai. *Bunga Rampai Konservasi Tanah dan Air*, MKTI.
- Sovacool, B.K. 2014. *Environmental Issues , Climate Changes , And Energy Security In Developing Asia Security In Developing Asia*. Manila, Philippines. Asian Development Bank
- Stehman, S. V. 1996. Estimating the Kappa Coefficient and its Variance under Stratified Random Sampling. *Photogrammetric Engineering & Remote Sensing*, 62(4), pp.401–407.
- Suhartini. 2009. Peran Konservasi Keanekaragaman Hayati dalam Menunjang Pembangunan Yang Berkelanjutan. *Prosiding Seminar Nasional Penelitian, Pendidikan dan Penerapan MIPA*, pp.199–205.
- Suripin. 2004. *Pelestarian Sumberdaya Tanah dan Air*. Yogyakarta. Penerbit ANDI.
- Sutanto. 1986. *Penginderaan Jauh Jilid I*, Yogyakarta. Gadjah Mada University Press.
- Teshager, A.D., Philip W Gassman, Silvia Secchi, Justin T Schoof, Girmaye Misgna 2015. Modeling Agricultural Watersheds with the Soil and Water Assessment Tool (SWAT): Calibration and Validation with a Novel Procedure for Spatially Explicit HRUs. *Environmental Management Journal*. DOI 10.1007/s00267-015-0636-4.
- USGS. 2000. *Landsat 7 Science Data Users Handbook*. National Aeronautics and Space Administration.
- Wahyunto, S. R. Murdiyati dan S. Ritung. 2004. Aplikasi Teknologi Penginderaan Jauh dan Uji Validasinya Untuk Deteksi Penyebaran Lahan Sawah dan Penggunaan/Penutupan Lahan. *Informatika Pertanian*, 13 (Desember 2004). pp.745-769.
- White, M.J., Daniel E. Storm, Philip Busteed, Scott Stoodley and Shannon J. Phillips. 2010. Evaluating Conservation Program Success with Landsat and SWAT. *Environmental Management*, 45, pp.1164–1174.

- Wijayanto, Y.T. 2012. Penerapan Metode Musle Dalam Memprediksi Hasil Sedimen Di Sub DAS Garang Hulu Provinsi Jawa Tengah. *Jurnal Geo Image*, 1(1), pp.19–24.
- Williams, J.R. 1975. Sediment Yield Prediction with Universal Equation Using Runoff Energy Factor, in Present and Prospective Technology for Predicting Sediment Yields and Sources. In *Present and Prospective Technology For Predicting Sediment Yields and Sources*. Oxford, Missisipi: Agriculture Research Service, USDA, pp. 244–252.
- Wischmeier, W. and D D. Smith. 1978. Predicting Rainfall Erosion Losses: A Guide to Conservation Planning. *U.S. Department of Agriculture Handbook No. 282*, pp.1–69.
- Woznicki, S.A. and A. Pouyan Nejadhashemi. 2013. Spatial and Temporal Variabilities of Sediment Delivery Ratio. *Water Resources Management*, 27(7), pp.2483–2499. DOI: 10.1007/s11269-013-0298-z.
- Yang, X. 2007. *Remote Sensing and Geospatial Technologies for Coastal Ecosystem Assessment and Management*, Florida. Dept. of Geography, Florida State University.
- Yustika, R.D. 2013. Pengelolaan Lahan Terbaik Hasil Simulasi Model SWAT untuk Mengurangi Aliran Permukaan di Sub DAS Ciliwung Hulu. *Tesis*. Sekolah Pascasarjana. Institut Pertanian Bogor.
- Zanter, K., 2016. *Landsat 8 (L8) Data Users Handbook*, Department of the Interior, U.S. Geological Survey.
- Zhang, Y., J. Degroote, C. Wolter and R. Sugumaran. 2008. Carbon stock assessment and soil carbon management in agricultural land-uses in Thailand. *Land Degradation and Development*, 19 (January), pp.242–256. DOI: 10.1002/ldr.893.