

DAFTAR PUSTAKA

- American Society of Civil Engineers. (1996) . *Hydrology Handbook* (ASCE Manual and Reports on Engineering Practice No. 28). New York: American Society of Civil Engineers.
- Antara. (2010). *Sebagian Kota Semarang Tergenang Banjir*, *Antara News*. Diakses tanggal 17 Mei 2010, dari <http://www.antaraneews.com/berita/1274027157/sebagian-kota-semarang-tergenang-banjir>
- Aronoff, S. (1989) . *Geographic Information System: A Management Perspective*. Canada: WDL Publication.
- Asdak, C. (2007) . *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta: Gadjah Mada University Press.
- Bamler, R. (1999) . *SRTM Mission: A World-Wide 30m Resolution DEM from SAR Interferometry in 11 Days*. Photogrammetry Week'99, 145-154.
- BPDAS Pemali-Jratun. (2009) .*Kondisi DAS Garang , BPDAS Pemali-Jratun*. Diakses tanggal 11 April 2010 dari <http://www.bpdas-pemalijratun.net>
- D. Karssenber., Van der Meer, Marlous., Van Dijck, Simone., Wesseling, Cees., Burrough, Peter., Van Deursen, Willem.(t-t). *Interception*. Diakses tanggal 9 mei 2010 21.38 dari <http://pcraster.geo.uu.nl/runoff/interception.html>
- D.Karssenber, D., Wesseling, C.G., Burrough, P.A., Van Deursen, W.P.A. (t.t) . *A Simplified Hydrological Runoff Model*. The Netherland: Faculty of Geosciences Utrecht University.
- Danoedoro, P. (1996) . *Pengolahan Citra Digital Teori dan Aplikasinya dalam Bidang Penginderaan Jauh*. Yogyakarta: Fakultas Geografi Universitas Gadjah Mada.
- Dasanto, B.D. (1991) . *Studi Geomorfologi Terhadap Kerentanan Banjir Daerah Hilir Sungai Opak Daerah Istimewa Yogyakarta*. Skripsi. Yogyakarta: Fakultas Geografi UGM

- De By, R.A.,Georgiadou, Y., Knippers, R.A., Kraak, M-J., Sun, Y., Weir, M.J.C. (2004) . *Geographic Information System : ITC Textbook*. Enschede: International Institute for Geo-Information Science and Earth Observation.
- Departemen Kimpraswil. (2001). *Pedoman Teknis Pengelolaan Lingkungan dan Pemantauan Lingkungan Penanggulangan Banjir*. Jakarta: Departemen Permukiman dan Prasarana Wilayah.
- ESRI.(2006).*ArcGIS Desktop Help*. USA: ESRI
- Farr, T.G, Rosen, P.A., Caro, E., Crippen, R., Duren, R., Hensley, S., *et al.* (t.t) . *The Shuttle Radar Topography Mission*. Diterima 15 November 2008, dari http://www2.jpl.nasa.gov/srtm/SRTM_paper.pdf.
- ILWIS Reference. 2009. *ILWIS Help*. Enschede : The International Institute for Geo-Information Science and Earth Observation.
- Jensen, J.R. (2005) . *Introductory Digital Image processing: A Remote Sensing Perspective*. New Jersey: Pearson Prentice Hall.
- Kerle, N., Janssen, L.L.F., Huurneman, G.C., Bakker, W.H., Grabmaier, K.A., Van dee Mer, F.D. (2004) . *Principle of Remote Sensing (ITC Educational Textbook Series)*. Enschede : The International Institute for Geo-Information Science and Earth Observation.
- King, K.W., Arnold, J.G., Bingner, R.L., (1999) .*Comparison of Green-ampt and Curve Number Methods on Goodwin Creek Watershed using SWAT*. Soil and Water Division of ASAE in April 1999, 42 (4), 919-925.
- Kompas. (2009). *Korban Banjir di Semarang Bertahan, Kompas*. Diakses tanggal 17 Mei 2010, dari <http://kompas.realviewusa.com/default.aspx?iid=20396&startpage=page0000001#>
- Lam, C.S.Y. (2004) . *Comparison of Flow Routing Algorithms Used in Geographic Information System.Thesis*.California: University of Southern California.
- Lillesand, T.M., & Kieffer, K.W. (2002) . *Remote Sensing and Image Interpretation*. New York: John Wiley & Son Inc.



- Lu, H., Raupach, M.R., McVicar, T.R. (2001) *.Decomposition of Vegetation Cover into Woody and Herbacious Component Using AVHRR NDVI Time Series (Technical Report)*. Canberra: CSIRO Land and Water.
- Maidment, D.R. (1993) . *Handbook of Hydrology*. New York: McGraw-Hill.
- Meijerink, A.M.J., de Brouwer, H.A.M., Mannaerts, C.M., Valenzuela, C. (1994). *Introduction to The Use of Geographic Information Systems for Practical Hydrology*. Enschede: International Institute for Geo-Information Science and Earth Observation.
- Michael, A., Simon, H. (2002) . *Aster User Handbook Version 2*. Pasadena: Jet Propulsion Laboratory.
- Moglen, G.E., Eltahir, E.A.B., Bras, R.L. (1998) . *On The Sensitivity of Drainage Density to Climate Change*. Water Resources Research American Geophysical Union, 34(4), hal 855-862.
- Morgan, R.P.C., Quinton, J.N., Smith, R.E., Govers, G., Poesen, J.W.A., Auerswald, K., Chisci, G., Torri, D., Styczen, M.E., Folly, A.J.V. 1998. *The European Soil Erosion Model (documentation and user guide)*. United Kingdom: Silsoe College Cranfield University Silsoe, Bedford MK45 4DT.
- Mulders, M.A. (1987). *Remote Sensing in Soil Science*. Wageningen: Department of Soil Science and Geology Agricultural University of Wageningen.
- Mutreja, K.N. (1986). *Applied Hydrology*. New Delhi: McGraw-Hill Publishing Company Limited.
- Nektarios, C., Abrams, M., Feidas, H., Velianitis, D. (2006) . *Analysis of ASTER Multispectral Stereo Imagery to Produce DEM and Land Cover Databases for Greek Islands: the REALDEMS project*, Dalam: EU-LAT Workshop on e-Environment.
- Nova. (2010). *Identifikasi Permasalahan Banjir DAS Garang, BPDAS Pemalijratun*. Diakses tanggal 11 April 2010, dari http://www.bpdas-pemalijratun.net/index.php?option=com_content&view=article&id=94:identifikasi-permasalahan-banjir-das-garang&catid=31:kajian&Itemid=74

- Oxford University. (2000) . *Concise oxford english dictionary 11th edition (digital dictionary)*. Oxford: Oxford University Press.
- Ppk-depkes. (2008). *Banjir di Semarang, Arsip Berita ppk-depkes*. Diakses tanggal 17 Mei 2010, dari <http://www.ppk-depkes.org/arsip-berita/521-banjir-di-semarang.html>
- Prahasta, E. (2005) . *Sistem Informasi Geografi: Konsep-konsep Dasar*. Bandung: Infomatika.
- Purwadhi, F.S.H. (2001) . *Interpretasi Citra Digital*. Jakarta : Gramedia Widiasarana Indonesia.
- Sefercik, U.G. (2006) . *Accuracy Assessment of Digital Elevation Models Derived from Shuttle Radar Topography Mission*. Master Thesis. Institut für Photogrammetrie und GeoInformation Universität Hannover.
- Seno, P.A. (2004). *Selalu di Bawah Bayang-bayang Bencana, Suara Merdeka*. Diakses tanggal 17 Mei 2010, dari <http://www.suaramerdeka.com/harian/0411/25/kot22.htm>
- Seyhan, Ersin. (1993) . *Dasar-dasar Hidrologi (Terjemahan)*. Yogyakarta: Gadjah Mada University Press
- Shelton, M.L. (2009) . *Hydroclimatology: Perspective and Applications*. Cambridge: Cambridge University Press.
- Suharyadi, & Danoedoro, P. (2004) . *Sistem Informasi Geografis: Konsep dasar dan beberapa catatan perkembangannya saat ini*. Dalam Danoedoro, P. (Editor), *Sains Informasi Geografi* (hal.41-54). Yogyakarta: Jurusan Kartografi dan Penginderaan Jauh Fakultas Geografi Universitas Gadjah Mada.
- Sukarno, J. (2006). *Empat Tewas Akibat Banjir dan Longsor Jalur Tuban-Semarang Ditutup untuk Bus, Suara Pembaruan*. Diakses tanggal 17 Mei 2010, dari <http://www.suarapembaruan.com/News/2006/01/30/Utama/ut01.htm>
- Sutanto. (1986) . *Penginderaan Jauh: Jilid 1*. Yogyakarta: Gadjah Mada University Press.



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Sutanto. (1987) . *Penginderaan Jauh: Jilid 2*. Yogyakarta: Gadjah Mada University Press.

Van Der Knijff, J., De Roo, A. (2008) . *LISFLOOD: Distributed Water Balance and Flood Simulation Model (User Manual)*. Luxembourg: European Communities.

Van Deursen, W.P.A. (1995) . *Geographic Information Systems and Dynamic Model: Development and application of prototype spatial modelling language*. Disertasi. The Netherlands: University of Utrecht.