



## DAFTAR PUSTAKA

- Arisandi, D. (2016). Sebaran Spasial Hasil Proses Erosi parit (*Gully Erosion*) yang Berkembang di DAS Bompon Kabupaten Magelang Provinsi Jawa Tengah. *Tesis*. Yogyakarta: Fakultas Geografi Universitas Gadjah Mada.
- Arsyad, S. (2010). *Konservasi Tanah dan Air*. Bogor: IPB Press.
- Badan Informasi Geospasial. (2015). *Pemetaan Sistem Lahan Skala 1:25.000/ 1:50.000*. Bogor: Badan Informasi Geospasial.
- Berger, C., Schulze, M., Rieke-Zapp, D., Schlunegger, F., (2010). Rill development and soil erosion: a laboratory study of slope and rainfall intensity. *Earth Surf. Process. Landf.* 35, 1456–1467.
- Bini, C., Gemignani, S., Zilocchi, L. (2006). Effect of Different Land Use on Soil Erosion in The Pre-Alpine Fringe (North-East Italy): Ion Budget And Sediment Yield. *Science of the Total Environment*, 369 (1–3): 433–446.
- Blanco, H, dan Lal, R. (2008). *Principles of Soil Conservation and Management*. New York: Springer Dordrescht Heidelberg
- Bochet, P. J., dan Rubio, J.L.(2006). Runoff and soil loss under individual plants of a semi-arid Mediterranean shrubland: influence of plant morphology and rainfall intensity. *Earth Surf Processes Landforms* 31:536–549
- Carey, B. (2006). Gully Erosion. *Natural Resource Science L81*
- Chirino, E., Bonet, A., Bellot, J., Sanchez, J.R., (2006). Effects of 30-year-old Aleppo pine plantations on runoff, soil erosion, and plant diversity in a Semi-arid landscape in south eastern Spine. *Catena* 65, 19–29.
- Danoedoro, P. (1996). Pengolahan Citra Digital, Teori dan Aplikasinya dalam Penginderaan Jauh. Yogyakarta: Fakultas Geografi Universitas Gadjah Mada



- Dibyosaputro, S. (2012). Pola Persebaran Keruangan Erosi Permukaan Sebagai Respon Lahan Terhadap Hujan di Daerah Aliran Sungai Secang, Kabupaten Kulonprogo, Daerah Istimewa Yogyakarta, Indonesia. *Disertasi*. Yogyakarta: Universitas Gadjah Mada
- Esteves, M., Descroix, L., Mathys, N., Lapetite, J.M., (2005). Soil hydraulic properties in a marly gully catchment (Draix, France). *Catena* 63, 282–298.
- Fadhlly, A. (2010). Pemanfaatan Teknik Penginderaan Jauh Untuk Identifikasi Kerapatan Vegetasi Daerah Tangkapan Air Rawa Pening. *Skripsi*. Semarang: Universitas Negeri Semarang.
- Harjadi, B. dan Farida. (1996). Kaitan Perbedaan Kelas Lereng Lahan Terhadap Faktor Erodibilitas Tanah Dan Batas Toleransi Erosi. *Buletin Pengelolaan DAS* No. : III, 1, 1996. Surakarta.
- Hudson, N.W. (1981). *Soil conservation*, 2nd edn. London: Batsford
- Igwe, C.A. (2012). Gully Erosion in Southeastern Nigeria: Role of Soil Properties and Environmental Factors, chapter 8
- Jensen. J.R. (1998). *Introductory Digital Image Processing, A Remote Sensing Perspective*. New Jersey: Prentice Hall
- Jungerius, P.D., Matundura, J., van de Ancker, J.A.M., (2002). Road construction and gully erosion in West Pokot, Kenya. *Earth Surface Processes and Landforms* 27 (11), 1237– 1247.
- Kirkby, M.J. dan L.J. Bracken. (2009). Gully Processes and Gully Dinamics. *Earth Surface Processes and Landforms* 34: 1841-1851
- Korhonen, L., Hadi., Packalen, P., Rautiainen, M., (2017). Comparison of Sentinel-2 and Landsat 8 in the Estimation of Boreal Forest Canopy and Leaf Area Index. *Remote Sensing of Environment* 195 (2017), 259-274
- Lobeck, A.K. (1939). *Geomorphology*. New York: McGraw Hill Book Company.



- Mathys, N., Klotz, S., Esteves, M., Lapetite, J.M. (2005). Runoff and erosion in the Black Marls of the French Alps, observations and measurements at the plot scale. *Catena* 63, 261– 281
- Mohammad, A.G., and Mohammad, A.A. (2010). The Impact of Vegetative Cover Type on runoff and soil erosion under different land uses. *Catena* 81, 97– 103
- Morgan, R.P.C. (2005). *Soil Erosion and Conservation, Third Edition*. National Soil Resources Institute, Cranfield University
- Poesen, J. (1989). Conditions for gully formation in the Belgian loam belt and some ways to control them. In Schwertmann, U., Rickson, R.J. and Auerswald, K. (eds), Soil erosion protection measures in Europe. *Soil Technology Series* 1: 39–52.
- Poesen, J., Nachtergaele, J., Verstraeten, G. And Valentin, C. (2003). Gully erosion and environmental change: importance and research needs. *Catena* 50: 91– 133
- Pratiwi, E.S. (2013). Kajian Kerawanannya Longsorlahan Menggunakan Logistic Regression Model Di DAS Kodil Provinsi Jawa Tengah. *Skrripsi*. Yogyakarta: Fakultas Geografi Universitas Gadjah Mada.
- Redjeki, R. S. (2008). Kajian Pengelolaan Lingkungan Pada Kawasan Gunung Sindoro Sumbing (Studi Kasus di Desa Sagedang dan Desa Butuh Kabupaten Wonosobo). *Tesis*. Semarang: Program Magister Ilmu Lingkungan Program Pasca Sarjana Universitas Diponegoro.
- Romero, C.C., Stroosnijder, L., Baigorria, G.A., (2007). Interrill and rill erodibility in the northern Andean Highlands. *Catena* 70, 105–113.
- Sartohadi, J. (2011). Soil Geomorphological Approach For Natural Hazard Mapping. *Global Soil Map Activities in the Indoensia Region*. Jakarta: Kementerian Pertanian.
- Sartohadi, J; Suratman; Jamulya; Dewi, N.(2014). *Pengantar Geografi Tanah*. Yogyakarta: Pustaka Pelajar



Soewarno. (1991). *Hidrometri*. Yogyakarta: Nova

Solaimani, K., Modallaldoust, S., Lotfi. S. (2009). Investigation of Land Use Changes on Soil Erosion Process Using Geographical Information System. *International Journal of Environmental Science of Technology*, 6(3): 415–424.

Sugiyono. (2013). *Metode Penelitian Pendidikan (Pendekatan Kuantitatif, Kualitatif dan R&D)*. Bandung: Alfabeta

Suratman, W. (2002). Studi Erosi parit dan Longsoran dengan Pendekatan Geomorfologi di Daerah Aliran Sungai Oyo Provinsi DIY. *Tesis*. Yogyakarta: Fakultas Geografi Universitas Gadjah Mada

Stankoviansky, M. (2003). Historical evolution of permanent gullies in the Myjava Hill land, Slovakia. Geomorphic responses to land use changes. *Catena* 51 (3–4), 223– 239

Swain. P. H and Davis, S. M (ed.), (1978) . *Remote Sensing the Quantitative Approach. British Library Cataloguing in Publication Data*.. New York : McGraw- Hill.

Todd, D.K. (1980). *Groundwater Hydrology*. New York: John Wiley and Sons

Van Rompaey, A.J.J., Govers, E., Van, H. (2001). The Impact of Land Use Policy on the Soil Erosion Risk: A Case Study in Central Belgium. *Agricultural Ecosystem and Environment* 83(1/2): 83-94

Valentin, C., d'Herbes, J.M., Poesen, J. (1999). Soil and water components of vegetation patterning. *Catena* 37,1–24.

Verstappen, H. (1983). *Applied Geomorphology: Geomorphological Surveys for Environment Development*. Amsterdam: Elsivier Science Publisher Company. Terjemahan Prof. Dr. Sutikno (2014). *Geomorfologi Terapan. Survei Geomorfologikal untuk Pengembangan Lingkungan*. Yogyakarta: Penerbit Ombak.



Widiarso, B. (1986). Pengaruh Intensitas Curah Hujan, Kemiringan Lereng dan Sifat Fisik Tanah Terhadap Erosi Pada Berbagai Jenis Tanah. *Skripsi*. Bogor: Institut Pertanian Bogor.

Worosuprojo, S. (2002). Studi Erosi Parit dan Longsoran dengan Pendekatan Geomorfologis di DAS Oyo Propinsi Daerah Istimewa Yogyakarta. *Disertasi*. Yogyakarta: Universitas Gadjah Mada.

Yueqing, Xu., Ding, Luo., Jian, Peng. (2011). Land Use Change and Soil Erosion in the Maotiao River Watershed of Guizhou Province. *J. Geogr. Sci* 21(6): 1138-1152.

Zachar, D. (1982). *Soil erosion*. Amsterdam: Elsevier.

Zuidam, R. V. (1983). *Guide to Geomorphologic Aerial Photographic Interpretation and Mapping*. Netherlands: ITC.