

DAFTAR PUSTAKA

- Adji N.T., dkk, 2003, Studi Pemodelan Recharge Airtanah Tahunan Kotamadya Yogyakarta, *Laporan Penelitian Fakultas Geografi UGM*, (tidak dipublikasikan), Yogyakarta.
- Adji, N.T, Asriningtyas, V., 2003, *Petunjuk Praktikum Geohidrologi*, Laboratorium Geohidrologi, Fakultas Geografi UGM, Yogyakarta
- Allison et.al., 1990, Land clearance and river salinisation in the western Murray Basin Australia, *J. Hydrol.*, **Vol 119**, pp : 1-20
- Astuti M. Elna, 2000, Laju Infiltrasi Pada Berbagai Karakteristik Hutan DAS Sitelogo Kecamatan Kajoran Kabupaten Magelang, *Skripsi Fakultas Geografi UGM*, Yogyakarta.
- Beekman and Xu, 2003, Groundwater Recharge and Resources Assessment in the Botswana Kalahari, Excecutive Summary GRESS I, *Geological Survey of Botswana and Faculty of Earth Sciences*, Vrije Universitet, Amsterdam, pp 48
- Chay Asdak, 1995, *Hidrologi Dan Pengelolaan Daerah Aliran Sungai*, Gadjah Mada University Press, Yogyakarta.
- Cook G. P., Healy W. R., 2002, Using Groundwater Levels to Estimate Recharge, *Hydrogeology Journal*, **Vol 10**, pp 91-109.
- Darmawijaya, M.I., 1997, *Klasifikasi Tanah Dasar bagi Peneliti Tanah Dan Pelaksana Pertanian Di Indonesia*, Gadjah Mada University Press. Yogyakarta.
- De Vries JJ, Simmers I, 2002, Groundwater Recharge : an Overview of Processes and Challenges, *Hydrogeology Journal*, **Vol 10**, pp 5 - 17.
- Fetter C.W., 1988, *Applied Hydrogeology*, University of Wisconsin, Oshkosh McMilan Publishing Company.
- Garg, Santosh Kumar, 1979, *Water Resources and Hydrology*, edisi ketiga, Khanna Publisher, Delhi.



- Gerhart J.M., 1986, Groundwater recharge and its effect on nitrate concentration beneath a manured field site in Pennsylvania, *Groundwater* **Vol 24**, pp : 483-489.
- Goes B.J.M., 1999, Estimate of Shallow Groundwater Recharge in The Hadejia-Nguru Wetlands, Semi-Arid Northeastern Nigeria, *Hydrogeology Journal*, **Vol 7**, pp 294-304.
- Hadi S., 1995, Analisis Regresi, Andi Offset, Yogyakarta
- Hall D.W., Risser D.W., 1993, Effect of agricultural nutrient management on nitrogen fate and transport in Lancaster country, Pennsylvania, *Water Resour. Bull.*, **Vol 29**, pp : 55-76
- Harto, Sri, Br., 1990, *Analisis Hidrologi*, Penerbit Erlangga, Jakarta
- Hatton T., 1998, *Catchment scale recharge modelling*, Part 4 of The basics of recharge and discharge, CSIRO, Collingwood, Victoria.
- ILRI, 1974, Drainage Principles and Application, *Survey and Investigation*, **Vol 3**, pp : 129
- Jhonson, A.J., 1967, Specific Yield, Compilation of specific yields for various material, U.S. Geol. Survey, *Water Supply Paper*, **Vol 1662**, pp : 74
- Karnawati D., 1996, Rain-Induced Landslide Problem in West Java, *Media Teknik* No.3 Edisi November, Fakultas Teknik UGM, hal 20-25
- Kiswandi R., 1995, Pengaruh Perubahan Penggunaan Lahan Persawahan Menjadi Permukiman Terhadap Imbuhan Airtanah Dangkal Di Kecamatan Kalasan Kabupaten Sleman, *Skripsi Fakultas Geografi UGM*, Yogyakarta.
- Krusseman G.P., 1970, *Analysis and Evaluation of Pumping Test Data*, ILRI, Netherlands.
- Lerner D.N., Issar A.S., Simmers I., 1990, Groundwater recharge : A guide to understanding and estimating natural recharge, *IAH Int Contrib Hydrogeol* 8 , Hienz Heise, Hannover, pp : 8
- McDonalds and Patners, 1984, *Greater Yogyakarta*, Vol 3A :Groundwater Yogyakarta.
- Meyboom P., (1966), Unsteady groundwater flow near a willow ring in hummocky moraine, *J. Hydrol.*, **Vol 4**, pp : 38-66

- Meyboom P., (1967), Mass Transfer studies to determine the groundwater regime of permanent lakes in hummocky moraine of western Canada, *J. Hydrol.*, Vol 5, pp : 117-142
- Pannekoek, A. 1949, *Out Line of Geomorfology of Java*, Luden, E.J. Brill.
- Pemerintah Kabupaten Sleman, 1990, *Rencana Undang-Undang Tata Ruang Daerah Sleman*, Sleman Yogyakarta.
- Prych E.A., 1998, Using chloride and chlorine-36 as soil-water tracers to estimate deep percolation at selected locations on the US Departement of Energy Hanford Site, Washington, *US Geol Surv Water Supply*, Pap 2481, pp : 67
- Purbohadiwidjoyo, M.M., 1967, *Hydrology of Strata Volcanoes*, paper on I.A.H. Congres Hanover.
- Purnama, S.Ig, 2000, *Bahan Ajar Geohidrologi*, Fakultas Geografi UGM, Yogyakarta.
- Rasmussen W.C., Andrrasen G.E., 1959, Hydrologic budget of the Beaverdam Creek Basin, Maryland, *US Geol Surv Water-supply*, Vol 1472, pp :106
- Ramelan A.,1999, Kajian Variasi Kedalaman Muka Airtanah Berdasarkan Unit Morfologi di Lerang Selatan Gunungapi Merapi Antara Kali Bedog dan Kali Opak Daerah Istimewa Yogyakarta, *Skripsi Fakultas Geografi UGM*, Yogyakarta.
- Rusthon KR, (1998), Numerical and Conceptual Model for Recharge Estimation in Arid and Semi-arid Zones, In : Simmers I (ed) Estimation of Natural Groundwater Recharge, *NATO ASI series C 222*, Reidel, Dordrecht, pp 223-238.
- Rehatti, 1993, Groundwater in civil Engineering: Infiltration, *Development in Geotechnical Engineering Vol 35*, Amsterdam, Elsevier Scientific Publish Company.
- Salama et.al., 1994, Basin geomorphological controls on the mechanism of recharge and discharge and its effect on salt storage and mobilisation-comparative study using gophysical surveys, *J. Hydrol.*, Vol 155, pp : 1-26
- Sari .B, 1992, dalam www.langsing.net/gunung/merapi/geologi_merapi.html.



- Santosa Singgih, 2000, *Buku Latihan SPSS Statistik Parametrik*, PT Elex Media Komputindo Kelompok Gramedia, Jakarta.
- Schmidt, F.H., Fergusson, H.A., 1951, *Rainfall Types Based Wet and Dry Period Ration For Indonesia With Western New Guinea*, Kementrian Perhubungan, Jawatan Meteorologi dan Geofisika, Jakarta.
- Seyhan, Ersin. 1990. *Dasar-Dasar Hidrologi*, Gadjah Mada University Press, Yogyakarta
- Simmer I., 1998, *Groundwater Recharge*, AA Balkema, Rotterdam.
- Sosrodarsono, Takeda, 1993, *Hidrologi Untuk Pengairan*, PT, Pradnya Paramita, Jakarta.
- Suharyadi, dkk., 2000, *Studi Potensi Hidrologi Zona Resapan Wilayah Kecamatan Turi dan Tempel Kabupaten Sleman DIY, Laporan Penelitian Fakultas Teknik Geologi UGM*, Yogyakarta.
- Sulistiyanto Eko R., 1994, *Imbuhan (Recharge) Airtanah Bebas dan Pola Akumulasi Penduduk Kecamatan Pati Kabupaten Pati Jawa Tengah, Skripsi Fakultas Geografi UGM*, Yogyakarta.
- Sutikno, 2003, *Potensi Sumberdaya Alam Gunungapi Merapi Dan Pengelolaannya Untuk Mendukung Kehidupan Masyarakat Sekitar, Laporan Penelitian Fakultas Geografi UGM*, Yogyakarta
- Theis, C.V., 1937, Amount of groundwater recharge in the Southern High Plains. *Trans Am Geophys Union*, **Vol 8**, pp :564–568.
- Tindal, J.A., Kunkel,R.W., Cook, P.G., 2002, Choosing appropriate techniques for quantifying groundwater recharge, *Hydrogeology Journal*, **Vol 10**, pp : 18-39.
- Toth J., 1963, A theoretical analysis of groundwater flow in small drainage basins, *J. Geophy*, **Vol 68**, pp : 4759 - 4812
- Tolman, C.F., 1970, *Groundwater*, McGraw Hill Book Company Inc, New York.
- Tood, D.K., 1980, *Ground water Hydrology*, University of California, Berkeley, John Willey & Sons Inc, USA.
- Vries, J.J., and Simmers, S., 2001, Groundwater recharge : and overview of processes and challenges, *Hydrogeology Journal* **Vol 10**, pp : 5 -17



- Walton, H.E., 1970. *Groundwater Resources Evaluation*, McGraw Hill Inc. Kagokhusa.
- Weeks E.P., 1979, Barometric fluctuations in wells tapping deep unconfined aquifers, *Water Resour Res* Vol 15, pp : 1167-1176
- White W.N., 1932, A method of estimating groundwater supplies based on discharge by plants and evaporation from soil result of investigations in Escalante Valley, Utah, *US Geol Surv Water-Supply Pap* 656, pp : 106
- Winaryo, 1997, Zonasi Resapan Airhujan Untuk Penentuan Dimensi Sumur Resapan Di Sub Kawasan Resapan Antara Kali Boyong Dan Kali Kuning Kabupaten Sleman, *Skripsi Fakultas Geografi UGM*, Yogyakarta.
- Zuidam R.A.V., and F.I. Cancelado, 1979, *Terrain Analysis and Classification Using Aerial Photographs*, Enschede, ITC The Netherlands.