

Daftar Pustaka

- Acker, J., Williams, R., Chiu, L., Ardanuy, P., Miller, S., Schueler, C., Manore, M., 2014. Remote Sensing from Satellites. Reference Module in Earth Systems and Environmental Sciences.
- Adham, A., K.N. Sayl., R. Abed., M. A. Abdeladhim., J. G. Wesseling., M. Riksen., L. Fleskens., U. Karim., and C. J. Ritsema, 2018 . A GIS-based approach for identifying potential sites for harvesting rainwater in the Western Desert of Iraq. International Soil and Water Conservation Research, 6 : 297-304.
- Agus F., R. D. Yustika dan U. Haryati, 2006. Sifat Fisik Tanah dan Metode Analisisnya. Balai Besar Litbang Sumberdaya Lahan Pertanian.
- Akhmadi, A. N., 2015. Pengaruh pengereman terhadap kecepatan mobil listrik tuxuci 2.0 dengan rem cakram double piston. Jurnal Nozzle, 4 (2) : 83 -87.
- Al Haqiqi, J., Marin, J., & Winarno, T., 2019. Pemetaan Fasies Vulkanik berdasarkan Geomorfologi dan Stratigrafi Batuan Gunungapi pada Gunungapi Sindoro, Jawa Tengah. Jurnal Geosains dan Teknologi, 2 (1), 24-32.
- Ammar, A., Riksen, M., Ouassar, M., and Ritsema, C., 2016. Identification of suitable sites for rain water harvesting structures in arid and semi-arid regions. International Soil and Water Conservation Research.
- Arfani, J., dan H. H. Handayani, 2016. Analisa Data Foto Udara untuk DEM dengan Metode TIN, IDW, dan Kriging. Jurnal Teknis ITS, Vol 2 (2) : 2301 - 9271.
- Arham, R.T. Lopa., B. Bakri, 2017. Pengaruh hubungan intensitas curah hujan dan kemiringan lahan terhadap laju erosi. Hasanudin University Repository.
- Arsip Pemerintah Republik Indonesia Nomor 14 Tahun 1996 Tentang Perkebunan XV-XVI dan Perusahaan Perseroan (persero) PT. Perkebunan Nusantara XVIII Menjadi Perusahaan Perseroan (persero) PT. Nusantara IX.
- Arsyad, S., 2006. Konservasi Tanah dan Air. IPB Press, Bogor.
- Aryanto, D. E., dan G. HArdiman, 2017. Kajian Multi Varian Faktor yang Berpengaruh terhadap Infiltrasi Air Tanah sebagai Dasar Penentuan Daerah Potensial Resapan Air Tanah. Proceeding Biology Education Conference, 14 (1) : 252 - 257
- Azigwe, J. B., I. G. Duku., J. Laare., and G. Adda, 2016. Rain water harvesting for planting and growing trees to green the polytechnic campus: a case study Of Bolgatanga Polytechnic. British Journal of Environmental Sciences, 4 (3) : 49-63.
- Bafdal, N., and Dwiratna, S., 2018. Water Harvesting Sistem as an Alternative Appropriate Technology to Supply Irrigation on Red Oval Cherry Tomato Production. Int. J. Adv. Sci. Eng. Inf. Technol., (8) : 561–566.
- Balai Besar Litbang Sumberdaya Lahan Pertanian, 2006. Sifat Fisik Tanah dan Metode Analisisnya. Badan Penelitian dan Pengembangan Pertanian, Departemen Pertanian.

- Banjarnahor, N., K. S. Hindarto., dan Fahrurrozi, 2018. Hubungan kelerengan dengan kadar air tanah, pH tanah, dan penampilan jeruk gerga di Kabupaten Lebong. *Jurnal Ilmu Pertanian Indoensia*, 20 (1): 13-18.
- Baskoro, D. P. T., dan S. D. Taigan, 2007. Karakteristik kelembapan tanah pada beberapa jenis tanah *Jurnal Tanah dan Lingkungan*, 9 (2) : 77-81.
- Bera, A., 2017. Assessment of soil loss by universal soil loss equation (USLE) model using GIS techniques: case study of Gumti River Basin, Tripura, India. *Model. Earth Syst. Environ*, Vol 3 (29).
- Biazin, B., Sterk, G., Temesgen, M., Abdulkedir, A., Stroosnijder, L. 2012. Rainwater harvesting and management in rainfed Agricultural sistems in sub-Saharan Africa—a review. *Phys. Chem. Earth* (47) : 139–151.
- Blake GR (2008) Particle Density. In: Chesworth W (ed) *Encyclopedia of soil science*. Springer, Netherlands, pp 504–505
- Blake, G. R., 2008. Particle Density. In: Chesworth W (ed) *Encyclopedia of soil science*. Springer, Netherlands : 504–505
- Bohluli, M., 2014. Effectivness of silt pit as a soil, water and nutrient conservation method in non-terraced oil palm plantation. *Universiti Putra Malaysia*.
- Brady, N. C., 1974. *The Nature and Properties of Soils*, 8th Edition. MacMillan Publishing Coorporation.
- Budiyanto, S., Tarigan, S.D., Sinukaban, N., Murti laksono, K, 2015. The Impact Of Land Use On Hydrological Characteristics Kaligarang Watershed. *International Journal of Science and Engineering (IJSE)*, 8(2); 125-130.
- Budiyanto, S., Tarigan, S.D., Sinukaban, N., Murti laksono, K, 2015. The Impact Of Land Use On Hydrological Characteristics Kaligarang Watershed. *International Journal of Science and Engineering (IJSE)*, 8(2); 125-130.
- Chang, J., J. Wei., Y. Wang., M. Yuan., and J. Guo, 2016. Precipitation and *runoff* variations in the Yellow River Basin of China. *Journal of Hydroinformatics*, 19 (1) : 138-155.
- Chappell N.A., Sherlock M., Bidin K., Macdonald R., Najman Y., Davies G. (2007) *Runoff Processes in Southeast Asia: Role of Soil, Regolith, and Rock Type*. In: Sawada H., Araki M., Chappell N.A., LaFrankie J.V., Shimizu A. (eds) *Forest Environments in the Mekong River Basin*. Springer, Tokyo. https://doi.org/10.1007/978-4-431-46503-4_1
- Chaudhari, P. R., D. V. Ahire., V. D. Ahire., M. Chkravarty., and S. Maity, 2013. Soil Bulk Density as related to Soil Texture, Organic Matter Content and available total Nutrients of Coimbatore Soil. *International Journal of Scientific and Research Publications*, Volume 3, Issue 2, February 2013, 1 -8
- Chen, Z.S.; Hseu, Z.Y.; Tsai, C.C., 2015. *The Soils of Taiwan*; Springer: Dordrecht, The Netherlands : 127

- Cheng, G. H., Huang, G. H., Dong, C., Zhu, J. X., Zhou, X. & Yao, Y. 2017. High-resolution projections of 21st century climate over the Athabasca River Basin through an integrated evaluation-classification-downscaling-based climate projection framework. *Journal of Geophysical Research: Atmospheres* 122, 2595–2615.
- Critchley, 1991. *Water Harvesting, A Manual Guide for The Design and Construction of Water Harvesting Schemes for Plant Production*. Food and Agriculture Organization, Rome.
- Dalimoenthe, S. L., R. Wulansari., dan E. Rezamela, 2016. Dampak perubahan iklim terhadap produktivitas pucuk teh pada berbagai ketinggian tempat. *Jurnal Littri*, 22 (3) : 135 – 141.
- Dang, M.V., 2005. Soil–plant nutrient balance of tea crops in the northern mountainous region, Vietnam. *Agric.Ecosyst. Environ*, 105 : 413–418.
- Dariah, A., Yusrial, dan Mazwar. 2006. *Penetapan Konduktivitas Hidrolik Tanah dalam Keadaan Jenuh: Metode Laboratorium: Sifat Fisik Tanah dan Metode Analisisnya*. Balai Besar Litbang Sumberdaya Lahan Pertanian. Badan Penelitian dan Pengembangan Pertanian, Departemen Pertanian.
- Delmelle, P., S. Opfergelt., J. T. Cornelis., dan C. L. Pingm 2015. *Volcanic Soils*. The Encyclopedia of Volcanoes. Elsevier.
- Deng, H., Chen, Y., 2017. Influences of recent climate change and human activities on water storage variations in Central Asia. *J. Hydrol.* 544, 46–57. <https://doi.org/10.1016/j.jhydrol.2016.11.006>.
- Di Giuseppe, D., Melchiorre, M., Tessari, U., & Faccini, B. (2015). Relationship between particle density and soil bulk chemical composition. *Journal of Soils and Sediments*, 16(3), 909–915. doi:10.1007/s11368-015-1275-3
- Direktorat Pengelolaan Air Irigasi, 2014. *Pedoman Teknis Konservasi Air dan Antisipasi Anomali Iklim*. Direktorat Jenderal Prasarana dan Sarana Pertanian, Kementerian Pertanian. Hal :1-35.
- Ditjen Prasarana Dan Sarana Pertanian, 2018. *Pedoman Teknis Konservasi Tanah Dan Air : Farmland Management and Sustainable Agriculture Practices Flood Management in Selected River Basins Sector Project CS 05*.
- Dvorak, J., and L. Novak, 1994. *Soil Conservation and Silviculture*. Elsevier : Amsterdam.
- Fiaz, S., Noor, M.A., Aldosri, F.A. 2018. Achieving food security in the Kingdom of Saudi Arabia through innovation: Potential role of Agricultural extension. *J. Saudi Soc. Argopuroic. Sci.*, (17) : 365–375.
- Florinsky, I. V., 2016. Influence of Topography on Soil Properties. *Digital Terrain Analysis in Soil Science and Geology* : 265–270.
- Food and Agriculture Organization , 2003. *Training Course on Water Harvesting*. Land and Water Digital Media Series; Food and Agriculture Organization of the United Nations: Rome, Italy.
- Galgana, G. A. 2014. Volcanic Cone. *Encyclopedia of Planetary Landforms*: 1–10.

- Girma, A., M. Kassie., and S. Bauer, 2019. Integrated rainwater harvesting practices for poverty reduction under climate change: micro-evidence from Ethiopia. Springer International Publishing
- Hacisalihoglu, S., S. Gumus, and U. Kezik, 2018. Land use conversion effects triggered by tea plantation on landslide occurrence and soil loss in northeastern Anatolia, Turkey. *Fresenius Environmental Bulletin*, Vol 27 (5) : 2933-2942.
- Hajiboland, R. Environmental and nutritional requirements for tea cultivation. *Folia Hortic.* 2017, 29, 199–220
- Hardjowigeno S. 2002. Ilmu Tanah. Akademika Pressindo. Jakarta
- Hewawasam, T. (2010) Effect of land use in the upper Mahaweli catchment area on erosion, landslides and siltation in hydropower reservoirs of Sri Lanka. *J. Nat. Sci. Foundation Sri Lanka*, 38 : 3-14.
- Hidayat S dan Rachmadiyanto AN. 2017. Utilization of alang-alang (*Imperata cylindrica* (L.) Raeusch.) as traditional medicine in Indonesian archipelago. *Proc 1st SATREPS Conf.* 1(0):82–89.
- Hilel, D. 1980. *Fundamental of Soil Physics*. Academic Press, New York, London, Toronto, Sydney, San Fransisco.
- Hillel, D., 1980. *Fundamentals of Soil Physics*. Academic Press. New York.
- Hu, Y., W. Duan., Y. Chen., S. Zhou., P. M. Kayumba., and N. Sahu, 2021. An integrated assessment of *runoff* dynamics in the Amu Darya River Basin: Confronting climate change and multiple human activities, 1960–2017. *Journal of Hydrology*, 603 (A)
- Huffman, Rodney L., Delmar D. Fangmeier, William J. Elliot, and Stephen R. Workman. 2013. Chapter 1: Conservation and the Environment. Pp. 1-7 in *Soil and Water Conservation Engineering*, 7th edition. St. Joseph, Michigan: ASABE. Copyright © American Society of Agricultural and Biological Engineers. ISBN 1-892769-86-7. DOI 10.13031/swce.2013.1.
- Indoria, A.K., Sharma, K.L., Reddy, K.S., Rao, C.S., 2017. Role of soil physical properties in soil health management and crop productivity in rainfed sistems : soil physical constraints and scope. *Curr. Sci.* 112 (12)
- Islami, T. & W. H. Utomo. 1995. *Hubungan Air, Tanah dan Tanaman*. IKIP Semarang Press.
- Jourgholami, M., and E. R. Labelle, 2020. Effects of plot length and soil texture on *runoff* and sediment yield occurring on machine-trafficked soils in a mixed deciduous forest. *Annals of Forest Science*, 77: 1-19
- Kahinda, E.S.B. Lillie, A.E. Taigbenu, M. Taute, and R. J. Boroto, 2008. Developing suitability maps for rain water harvesting in South Africa. *Physics and Chemistry of the Earth*, 33 : 788–799.
- Kartawijaya, W. S. 1995. Pengaruh Iklim pada Pertumbuhan Tanaman Teh. *Warta Teh dan Kina* Vol. 6 (1-2) : 29-37.

- Kastanja AY. 2015. Analisis komposisi gulma pada lahan tanaman sayuran. Jurnal Agroforestri., X (2): 107-114.
- Kementrian Pertanian, 2021. Petunjuk Teknis Pengembangan Embung Pertanian Tahun Anggaran 2021. Direktorat Jendral Prasarana dan Sarana Pertanian.
- Kiggundu, N., Wanyama, J., Mfitumukiza, D., Twinomuhangi, R., Barasa, B., Katimbo, A., Kyazze, F.B., 2018. Rainwater harvesting knowledge and practice for Agricultural production in a changing climate: A review from Uganda's perspective. Agric. Eng. Int. (20) : 19–36.
- Kilkoda AK, Nurmala T, Widayat D. 2015. Pengaruh keberadaan gulma (*Ageratum conyzoides* dan *Boreria alata*) terhadap pertumbuhan dan hasil tiga ukuran varietas kedelai (*Glycine max* L. Merr) pada percobaan pot bertingkat. Kultivasi. 14(2):1–9.
- Kumari, M and J. Singh, 2016. Water conservation : strategies and solution. International Journal of Advanced Research and Review, 1 (4) : 75-79.
- Kumari, R., M. Mayoor., S. Mahapatra., P. K. Parhi., and H. P., Singh, 2019. Estimation of Rainfall-*Runoff* Relationship and Correlation of *Runoff* with Infiltration Capacity and Temperature Over East Singhbhum District of Jharkhand. International Journal of Engineering and Advanced Technology, 9 (2) : 461-466.
- Kusuma, M. M., dan Yulifah, 2018. Hubungan porositas dengan sifat fisik tanah pada infiltration gallery. Seminar Nasional Sains dan Teknologi Terapan VI.
- Lowell, S. J. E. Shields, M. A. Thomas., T. A. Martin., and M. Thommes, 2004. Characterization of Porous Solids and Powders: Surface Area, Pore Size and Density. Springer.UK.
- Madhu, M., Sahoo, D. C., Sharda, V. N., & Sikka, A. K., 2010. Rainwater-use efficiency of tea (*Camellia sinensis* (L.)) under different conservation measures in high hills of South India. Applied Geography, 31 : 450–455.
- Masria, C. Lopulisa, H. Zubair., dan B. Rasyid, 2018. Karakteristik Pori dan Hubungannya dengan Permeabilitas pada Tanah Vertisol Asal Jeneponto Sulawesi Selatan. Ecosolum (7) : 1-7.
- Mo, C., G. Mo., J. Qin., M. Zhou., Q. Yang., Y. Huang., Y. Yang, 2018. Rainfall and *runoff* characteristics in a karstic basin of China. Journal of Water and Climate Change.
- Mukhopadhyay, M., and T.K. Mondal, 2017. Cultivation, Improvement, and Environmental Impacts of Tea. Environmental Science, doi.org/10.1093/acrefor/9780199389414.013.373
- Mulyono, A., H. Lestari., A. Fadilah, 2019. Permeabilitas tanah berbagai tipe penggunaan lahan di tanah aluvial pesisir DAS Cimanuk, Indramayu. Jurnal Ilmu Lingkungan, 17 (1) : 1-6.
- Munoz, J. F. V., J. A. A. Sanchez., A. B. delaFuente., and M. D. Fidelibus, 2019. Rainwater harvesting for agricultural irrigation: An Analysis of Global Research. MDPI, 11 : 1 -18.
- Ojo, O. I., and M. F. Ilunga, 2017. The Rainfall Factor of Climate Change Effects on the Agricultural Environment: A Review. American Journal of Applied Sciences, 14 (10) :930-937.

- Olaniya, M., P. K. Bora., S. Das., adn P. H. Chanu, 2020. Soil erodibility indices under diferent land uses in Ri-Bhoi district of Meghalaya (India). Scientific Reports, 10 : 1 – 13
- Oweis, T.Y., Hachum, A. Improving Water Productivity in the Dry Areas of West Asia and North Africa, Kijne, J.W., Barker, R., Molden, D., Eds., 2003. Water Productivity in Agriiculture: Limits Opportunities for Improvement, CABI Publishing: Wallingford, UK, 179–198.
- Patle, G. T., T. T. Sikar., K. S. Rawat., S. K. Singh, 2019. Estimation of infiltration rate from soil properties using regression model for cultivated land. GEOLOGY, ECOLOGY, AND LANDSCAPES, 3 (1): 1-13
- Philor, L. 2011. Erosion impacts on soil and environmental quality: Vertisols in the Highlands Region of Ethiopia. Soil and Water Science Department. University of Florida.
- Pratama, S. E., dan H. J. Nadapdap, 2018. Strategi Pengembangan Agribisnis Teh PT Perkebunan Tambi Kabupaten Wonosobo. Jurnal Penelitian Pertanian Terapan, Vol. 17 (3): 19-29.
- Purinella, J. A., 2014. Perubahan distribusi pori tanah regosol akibat pemberian kompos ela sagu dan pupuk organik cari. Buana Sains, 14 (2): 123 - 129.
- Purwadi, dan Siswanto, 2020. Evaluasi Status Degradasi Lahan Dataran Tinggi Akibat Produksi Biomasa Di Kabupaten Probolinggo, Jawa Timur. Agrivigor, 13(1):1–9
- Putinella, J.A. 2011. The Improvement of Physical Characteristics of Regosols and the Response of Mustard Crop (*Brassica juncea* L.) Due to the Application of Sago Pith Waste Compost and Urea Fertilizer. Jurnal Budidaya Pertanian 7: 35-40.
- Qadir, M., Sharma, B.R., Bruggeman, A., Choukr-Allah, R., Karajeh, F, 2007. Non-conventional water resources and opportunities for water augmentation to achieve food security in water scarce countries. Agric. Water Manag (87) : 2–22.
- Rajasekhar, M., S. R. Gadhiraju., A. Kadam., and V. Bhagat, 2020. Identification of groundwater recharge-based potential rainwater harvesting sites for sus, 24 tainable development of a semiarid region of southern India using geospatial, AHP, and SCS-CN approach. Springer (24)
- Ramdhan, M. R., B. Purnawan., dan D. K. Kresnawati, 2018. Membangun geodatabase komoditas unggulan Indonesia. Jurnal Program Studi Teknik Geodesi Unpak.
- Reynolds, W.D., Drury, C.F., Tan, C.S., Fox, C.A., Yang, X.M., 2009. Use of indicators and pore volume-function characteristics to quantify soil physical quality. Geoderma 152, 252-263
- Rochmawati, R., dan M. Tonggiroh, 2019. Pengaruh infiltrasi terhadap analisis stabilitas lereng. Prosiding Konferensi Nasional Pascasarjana Teknik Sipil.
- Rohim, W. N., M. Awaluddin., dan A. Suprayogi, 2015. Semarang Charity Map, penyajian peta donasi sosial kota semarang berbasis blogger javascript. Jurnal Geodesi Undip.
- Rosardi, R. G., S. D. W. Prajanti., H. T. Atmaja., dan Juhadi, 2021. Sustainable Tourism Model in Pagilaran Tea Plantation Agrotourism, in Indonesia. International Journal of Sustainable Development and Planning, 16 (50): 981-990.

- Rushema, E., A. Maniragaba., L. Ndiokubwayo., L. C. Kulimushi, 2020. The impact of land degradation on agricultural productivity in Nyabihu District-Rwanda, A Case Study of Rugera Sector. *International Journal of Environmental & Agriculture Research*, (6 (7) : 49-63.
- Sahoo, D. C., M. G. Madhu., S.S. Bosu., O. P. S. Khola, 2016. Farming methods impact on soil and water conservation efficiency under tea [*Camellia sinensis* (L.)] plantation in Nilgiris of South India. *International Soil and Water Conservation Research*, 4(3), 195–198.
- Sari, K. E., D. Harisuseno., C. A. Shafira, 2018. Pengendalian air limpasan permukaan dengan penerapan konsep ekodrainase (studi kasus Kelurahan Oro-Oro Dowo Kota Malang). *Plano Madani*, 7 (1) :24-36
- Sarma, A. P., Sarma, P.K., and Sultana, T., 2017. Sustainable Approach Of Rainwater Management And Application (SARMA) For Mitigating Adverse Impact Of Climate Change. *Indian Institute of Technology Guwahati*, page : 1-20.
- Simanjuntak, P. P., dan A. Safril, 2020. Analisa Angin Zonal dan Meridional Dalam Menentukan Awal Musim Hujan di Kota Jambi. *Jurnal Teori dan Aplikasi Fisika*, 8 (1) : 43-50
- Siswomartono, D., 1989, *Ensiklopedi Konservasi Sumber Daya*, Penerbit Erlangga, Jakarta, 1989.
- Subiyanto, S., dan B. D. Yuwono, 2015. Kajian pemanfaatan data penginderaan jauh untuk identifikasi objek pajak bumi dan bangunan (Studi Kasus : Kecamatan Tembalang Kota Semarang). *Jurnal Geodesi UNDIP*, 4 (1).
- Sukarman, dan A. Dariah, 2014. *Tanah Andosol Di Indonesia: Karakteristik, Potensi, Kendala, dan Pengelolaannya untuk Pertanian*. Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor.
- Syakir, M., D. S. Effendi., M. Yusron., Wiratno, 2010. *Budidaya dan Pasca Panen Teh*. Pusat Penelitian dan Pengembangan Perkebunan
- Syaputra, I., D. Saidi., dan Y. W. Ratih, 2019. Pemetaan tingkat bahaya erosi berdasarkan metode usle dengan studi kasus simulasi berbagai tanaman di Desa Tambi Kabupaten Wonosobo. *Jurnal Tanah dan Air*, 16 (1) : 23 – 33.
- Tamod, C. J. K. T., R. Aryanto., dan T. T Purwiyono, 2020. Analisis laju infiltrasi berbagai penggunaan lahan di Desa Kaligending, Karangsambung, Jawa Tengah. *Indonesian Mining and Energy Journal*, 3 (2) : 76 - 88.
- Tan KH. 1994. *Enviromental Soil Science*. Marcel Dekker, Inc. New York.
- Thomas, T. H. & Martinson, 2007. *Roofwater harvesting: A handbook for practitioners*. IRC International Water and Sanitation Centre.
- Triasary, K., M. Y. J. Purwanto., dan S. D. Tarigan, 2021. Beberapa skenario penggunaan lahan untuk perbaikan kondisi hidrologi di daerah aliran sungai Cidurian. *Jurnal Penelitian Pengelolaan Daerah Aliran Sunga*, 5 (2) : 121-140
- Unger, P. W., 2006. *Soil and water conservation handbook : policies, practices, conditions, and terms*. The Haworth Press, Inc. : New York.

- Unninayar, S., and Olsen, L. M., 2015. Monitoring, Observations, and Remote Sensing – Global Dimensions. Reference Module in Earth Systems and Environmental Sciences.
- Utomo, M., 2016. Ilmu Tanah : Dasar-dasar dan Pengelolaan. Penerbit Kencana, Rawamangun, Jakarta.
- Utomo, W. H., 1989. Konservasi Tanah di Indoensia : Suatu Rekaman dan Analisa. Rajawali Pers, Jakarta.
- Van Bemmelen, R.W., 1970. The Geology of Indonesia, 1A, Martinus Nijhoff, the Hague.
- Van Zuidam, R.A, 1982. Consideration on Sistematic Medium Scale Geomorphological Mapping. Z. Geomorph.NF, Vol. 20
- Velasco-Muñoz, , Aznar-Sánchez, , Batlles-delaFuente, , Fidelibus, 2019. Rainwater Harvesting for Agricultural Irrigation: An Analysis of Global Research. Water, 11 (7) : 1320.
- Wahyudi, 2014, Sustainable Forest Management Policy in Central Kalimantan, Indonesia. International Journal of Science and Research (IJSR), 3 (4).
- Weerasinghe, H., Schneider, U. A., and Loew, A., 2011. Waterharvest and storage location assessment model using GIS and remote sensing. Hydrology and Earth Sistem Sciences Discussions, 8(2):3353–3381.
- Wenhua, J., Jianming, C., van Veenhuizen, M., 2010. Efficiency and economy of a new Agricultural rainwater harvesting sistem. Chin. J. Popul. Resour. Environ., (8) : 41–48.
- Widiyono, W., 2008. Konservasi flora, tanah dan sumberdaya air embung-embung di Timor Barat Provinsi Nusa Tenggara Timur. Jurnal Teknik Lingkungan, 9 (2) : 197-204
- Wirasembada, Y.C., B. I. Setiawan., dan S. K Saptomo, 2017. Penerapan Zero *Runoff* Sistem (ZROS) dan efektivitas penurunan limpasan permukaan pada lahan miring di DAS Cidanau, Banten. Media Komunikasi Teknik Sipil, Vol 23, No. 2, 2017, 102-112.
- Yuniarsih, D., 2017. Pengaruh cekaman air terhadap kandungan protein kacang kedelai. Prosiding Seminar Nasional Pendidikan Biologi
- Zaffar, M., Gao, L.S. 2015. . Pore Size Distribution of Clayey Soils and Its Correlation with Soil Organic Matter. Pedhospere (25) 240-249.
- Zhang, Y., Zhang, H., Bu-zhuo, P., & Yang, H., 200). Soil erosion and its impact in Yixing tea plantation of Jiangsu Province. Chinese Geographical Science, 13(2) : 142–148.
- Zieger, A., K. Kaise., P. R. Guayasamin., and M. Kaupenjohann, 2017. Massive carbon addition to an organic-rich Andosol did not increase the topsoil but the subsoil carbon stock. Biogeosciences, page 1-30.