

DAFTAR PUSTAKA

- Arifanti V.B., I Wayan Susi Dharmawan & Donny Wicaksono.2014. Potensi Cadangan Karbon Tegakan Hutan Sub Montana Di Taman Nasional Gunung Halimun Salak. *Jurnal Penelitian Sosial dan Ekonomi Kehutanan (11)*: 13 - 31
- Archer, David. 2010. *The Global Carbon Cycle*. New Jersey : Princeton University Press.
- Aragão, L. E. O. C. (2009), Above- and below-ground net primary productivity across ten Amazonian forests on contrasting soils, *Biogeosci. Discuss.*, 6 (1): 2441–2488.
- Badan Pusat Statistik. 2014. *Kabupaten Berau Dalam Angka 2014*. Berau : BPS
- Badan Pusat Statistik. 2016. *Statistik Daerah Kecamatan Biduk-Biduk 2016*. Berau : BPS
- Bakosurtanal - Puspics. 2001. *Pedoman Survei Cepat Terintegrasi, Inventarisasi Sumberdaya Alam Wilayah Pesisir*. Bogor : Bakosurtanal.
- Bhattacharyy, P, S. Neogi, K. S. Roy, P. K. Dash, R. Tripathi, K. S. Rao. 2013. Net Ecosystem CO₂ Exchange and Carbon Cycling in Tropical Lowland Flooded Rice Ecosystem. *Nutrient Cycling in Agroecosystem (95)*: 133-144
- Beatley,T., D.J.Brower, A.K.Schwab. 2002. *An Introduction to Coastal Zone Management (Second Edition)*. Washington D.C: Island Press
- Bian, J., Ainong Li, Wei Deng. 2010. Estimation and Analysis of Net Primary Productivity of Ruoergai Wetland in China for The Recent 10 Years Based on Remote Sensing. *Procedia Environmental Sciences (2)*: 288–301
- Bolin,B., Sukumar, R., P. Ciais, W. Cramer, P. Jarvis, H. Kheshgi, C. Nobre, S. Semenov, W. Steffen, 2000: Global Perspective. In Watson, R.T et.al. 2000. *Land Use, Land-Use Change, and Forestry. A Special Report of the IPCC*. Cambridge: Cambridge University Press
- Broich M, Hansen M, Stolle F, Potapov P, Margono BA, Adusei B.2011.Remotely Sensed Forest Cover Loss Shows High Spatial and Temporal Variation

Across Sumatera and Kalimantan, Indonesia 2000–2008. *Environmental Research Letter* (6): 1-9

Budiayu, Annisa. 2013. *Identifikasi CAP Biduk-Biduk*. Berau : TNC -IMP Berau

Carson, W.P. and Stefan A. Schnitzer, 2008. *Tropical Forest Community Ecology*.
Chichester: Blackwell Publishing

Chen, J., K.D. Brosofske, A. Normets, T.R. Crow, M.K. Bresse, J.M.L. Moine, E.S. Euskirchen, S.V. Mather, and D. Zheng. A Working Framework for Quantifying Carbon Sequestration in Disturbed Land Mosaics. *Environmental Management* (33): S210-S221

Cheng, Z. C., 2010: Seasonal variation of dissolution rate under the soil at different land uses and its influence factors A case study of Jinfo Mountain, Chongqing. *Geological Review* 56(1): 136-140.

Cheng, Zhang. 2011. Carbonate Rock Dissolutional Rates In Different Landuses And Their Carbon Sink Effect. , *Proceeding Asian Trans-disciplinary Karst Convergence*. Yogyakarta. UGM

Ciais, P., A.S. Denning, P.P. Tans, J.A. Berry, D.A. Randall, G.J. Collatz, P.J. Sellers, J.W.C. White, M. Troler, H.A.J. Meijer, R.J. Francey, P. Monfray, and M. Heimann, 1997: A Three-Dimensional Synthesis Study of $\delta^{18}\text{O}$ in Atmospheric CO_2 . Surface Fluxes. *Journal of Geophysical Research – Atmosphere* (102): 5857-5872

Ciais, P., Sabine, C., Govindasamy, B., Bopp, L., Brovkin, V., Canadell, J., Chhabra, A., DeFries, R., Galloway, J., Heimann, M., Jones, C., Le Quéré, C., Myneni, R., Piao, S., and Thorn-ton, P. 2013. Chapter 6: Carbon and Other Biogeochemical Cycles, in: *Climate Change 2013 The Physical Science Basis*, edited by: Stocker, T., Qin, D., and Plattner, G.-K., Cambridge: Cambridge University Press,

Clark, D.A, S. Brown, D.W. Kicklighter, J.Q. Chamber, J.R. Thomlinson and J.Ni. 2001. Measuring Net Primary Production in Forest : Concept and Field Method. *Ecology Application* (11) : 356-370

Cvijanovic, Ivan & Ken Caldeira. 2015. Atmospheric Impacts of Sea Ice Decline in CO_2 Induced Global Warming. *Climate Dynamic* (44) : 1173-1186

- Danoedoro, Projo. 2012. *Pengantar Penginderaan Jauh Digital*. Yogyakarta: Penerbit Andi
- Daoxian, Y. 2002. *The Carbon Cycle in Karst*, IGCP Report. Institute of Karst Geology. Guilin
- Davidson-Arnott, R., 2009. *An Introduction to Coastal Processes and Geomorphology*. Cambridge: Cambridge University Press.
- Dinas Lingkungan Hidup Provinsi Kalimantan Timur .2016. *Laporan Penyelidikan Kawasan Bentang Alam Karst dan Kawasan Batu Gamping pada Areal Perkebunan Dan Lokasi Plasma PT .Tunas Alam Nusantara Kecamatan Biduk-Biduk, Kabupaten Berau*. Tidak dipublikasikan secara umum
- Dixon, R., J.K. Winjum, J. Andrasko, J.Lee, P.Schroeder. 1994. Integrated Land-Use Systems: Assessment of Promising Agroforest and Alternative Land-Use Practices to Enhance Carbon Conservation and Sequestration. *Climatic Change* (27) :71-92.
- Djamal, B., Sudana, D., Soetrisno, Baharuddin, Hasan, K., 1995, *Peta Geologi Lembar Tanjung Mangkalihat, Kalimantan*, Bandung: Pusat Penelitian dan Pengembangan Geologi
- Dudley, Richard G.2010. A Little REDD Model to Quickly Compare Possible Baseline and Policy Scenarios for Reducing Emissions from Deforestation and Forest Degradation. *Mitig Adapt Strateg Glob Change* (15):53–69
- Englhart,S. ,Jonas Franke, Vanessa Keuck, Florian Siegert.2014.Carbon Stock Estimation of Tropical Forests on Borneo, Indonesia, for REDD+. *Land Use and Land Cover Mapping in Europe* (18) : 411-427
- FAO. 2001. Soil Carbon Sequestration for Improved Land Management. World Soil Resources Reports. *Food and Agriculture*: 0532–0488
- FAO.2005. *The importance of soil organic matter, Key to drought-resistant soil and sustained food production*. Rome : Food and Agriculture Organization of the United Nations
- FAO. 2010. Global Forest Resource Assessment 2010. Country Report Indonesia Forest Resource Assessment (FRA). *Report no. 2010095*. Rome. Italy.

- Fan L-C, Yang M-Z, Han W-Y. 2015. Soil Respiration under Different Land Uses in Eastern. *Journal PLoS ONE* (10/4)
- Farquhar, G.D., J. Lloyd, J.A. Taylor, L.B. Flanagan, J.P. Syvertsen, K.T. Hubick, S.C. Wong, and J.R. Ehleringer, 1993: Vegetation Effects on The Isotope Composition of Oxygen in Atmospheric CO₂. *Nature* (363): 439-443.
- Fatoyinbo, Temilola. 2012. *Remote Sensing of Biomass Principles and Application*. Croatia: Intech
- Field, C. B., Randerson, J. T., and Malmström, C. M. 1995. Global net primary production: Combining Ecology and Remote Sensing, *Remote Sens. Environ.* (51): 74–88
- Fitzherbert, E. B., Strubbig, M. J., Morel, A., Danielsen, F., Brühl, C. A., Donald, P. F., & Phalan, B. 2008. How Will Oil Palm Expansion Affect Biodiversity? *Trends. Ecology & Evolution* (23): 538-545
- Gong, W., Lunche Wang, Aiwen Lin, Miao Zha. 2012. Evaluating The Monthly and Interannual Variation of Net Primary Production in Response to Climate in Wuhan During 2001 to 2010. *Geosciences Journal* (16) : 347-355
- Goetz, S.J., S.D. Prince, J. Small, and A.C.R. Gleason. 2000. Interannual Variability of Global Terrestrial Primary Production: Result of Model Driven with Satellite Observation. *Journal of Geophysical Research* (105): 20077-20091
- Hall, D.O., J.M.O. Scurlock, H.R. Bolhar-Nordenkamp, P.C. Leegood, and S.P. Long. 1993. *Photosynthesis and Production in a Changing Environment: A Field and Laboratory Manual*. London: Chapman & Hall
- Hamilton, W., 1979, *Tectonics of The Indonesia Region*, Washington: United States Government Printing Office.
- Haryono, E, Danardono, Sekti Mulatsih, Sutanto Trijuni Putro1 & Tjahyo Nugroho Adji. 2016. The Nature of Carbon Flux In Gunungsewu Karst, Java-Indonesia. *Acta Carsologica* (45/1) : 173-185
- Hashimoto, S., N. Tanaka, M. Suzuki, A. Inoue, H. Takizawa, I. Kosaka K. Tanaka, C. Tantasirin, N. Tangtham. 2004. Soil respiration and soil CO₂ concentration in a tropical forest, Thailand. *J For Res* (9): 75–79

- Hansen MC, Stehman SV, Potapov PV, Arunarwati B, Stolle F, Pittman K (2009) Quantifying Changes in The Rates of Forest Clearing in Indonesia from 1990 to 2005 Using Remotely Sensed Data Sets. *Environmental Research Letter* (4) : 034001
- Houghton, R.A. and D.L. Skole. 1990. *Carbon. In: Turner, B.L., W.C. Clark, R.W. Kates, J.F. Richards, J.T. Matthews, and W.B. Meyer (eds.). The Earth as Transformed by Human Action*. New York : Cambridge University Press,
- Houghton, R.A. 2003. Why are Estimates of Terrestrial Carbon Balance so Different ?. *Global Change Biology* (9) : 500 -509
- Hunt, R.E.Jr, J. T. Fahnestock, Robert D. Kelly, William A. Reiners, William K. Smith. 2002. Carbon Sequestration From Remotely-Sensed NDVI And Net Ecosystem Exchange. *From Laboratory Spectroscopy to Remotely Sensed Spectra of Terrestrial Ecosystems Chapter* (8) : 161-174
- Indiarto,Dony and Endah Sulistyawati. 2014. Monitoring Net Primary Productivity Dynamics in Java Island Using MODIS Satellite Imagery. *Asian Journal of Geoinformatics, Vol.14,No.1* :8-14
- International Energy Agency. 2015. *Energy and Climate Change, World Energy Outlook Special Report*. Paris: International Energy Agency
- IPCC. 1990. *Climate Change, The IPCC Scientific Assessment*. New York: Cambridge University Press.
- IPCC.2000. *Land Use, Land Use Change, and forestry : a special report of the IPCC*. Cambridge University Press : United Kingdom
- IPCC. 2013. *Climate Change 2013: The Physical Science Basis: Working Group I Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. New York: Cambridge University Press.
- Johnson AE, Knott CD, Pamungkas B et al (2005) A Survey of The Orangutan (*Pongo Pygmaeus Wurmbii*) Population in and Around Gunung Palung National Park, West Kalimantan, Indonesia Based on Nest Counts. *Biological Conservation* (121) :495–507

- Kementerian Lingkungan Hidup dan Kehutanan Republik Indonesia (KLHK).2016. *Statistik Kementerian Lingkungan Hidup dan Kehutanan Tahun 2015*. Jakarta : PSDI KLHK
- Kho, L.K, Yadvinder Malhi, and Sylvester Kheng San Tan.2013. Annual budget and seasonal variation of aboveground and belowground net primary productivity in a lowland dipterocarp forest in Borneo. *Journal of Geophysical Research: Biogeosciences (118)*: 1282–1296
- Kira, T. (1987), Primary production and carbon cycling in a primeval lowland rainforest of Peninsular Malaysia, in *Tree Crop Physiology*, edited by M. R. Sethuraj and A. S. Raghavendra, Amsterdam : Elsevier Science Publisher
- Kitamura,Kenzo, Yuichiro Nakai, Satoru Suzuki, Yoshikazu Ohtani, Katsumi Yamanoi, Tomoki Sakamoto. 2012. Interannual Variability of Net Ecosystem Production for a Broadleaf Deciduous Forest in Sapporo, Northern Japan. *Journal of Forest Research (17)* : 323-332
- Koh, L.P., C.J. Kettle, D. Sheil, T.M. Lee, X. Giam, L. Gibson And G.R. Clements 2015. Biodiversity State and Trends in Southeast Asia. *Encyclopedia of Governance, Decentralisation and Deforestation 97 Quarterly Journal of International Agriculture 54 (2015) (1)* : 509-527.
- Larasati, R , Tania June, Sonya Dewi. 2012. Peran Cagar Biosfer Cibodas Dalam Penyerapan CO². *Jurnal Penelitian Sosial dan Ekonomi Kehutanan (9)*: 66 - 76
- Leichenko, R.M., O'Brien, Karen L. 2008. *Environmental Change and Globalization Double Exposures*. New York : Oxford University Press
- Liang, W., Yuting Yang, Dongmei Fa, Huade Guan, Tian Zhang, Di Long, Yi Zhou, Dan Bai. 2015. Analysis of Spatial and Temporal Patterns of Net Primary Production and Their Climate Controls in China from 1982 to 2010. *Agricultural and Forest Meteorology (204)* : 22–36
- Lindsay, Steve W., Chris J. Thomas. 2001. Global Warming and Risk of Vivax Malaria in Great Britain. *Global Change and Human Health (2)* : 80-84
- Liu, Z., Zhao, J., 2000. Contribution of carbonate rock weathering to the atmospheric CO₂ sink. *Environ. Geol.* 39 (9) : 1053–1058.

- Lovet, G.M, Jonathan J.C, Michael L. Pace. 2006. Is Net Ecosystem Production Equal to Ecosystem Carbon Accumulation?. *Ecosystem* (9): 152-155
- Mousavi, Mir Emad, Jennifer L Irish, Ashley E. Frey, Francisco Olivera, Billy L. Edge. 2011. Global Warming and Hurricanes: The Potential Impact Of Hurricane Intensification and Sea Level Rise on Coastal Flooding. *Climate Change* (104) : 575-597
- Myneni, R.B., and D.L. Williams. 1994. On the Relationship Between FAPAR and NDVI. *Remote Sens. Environ* (49):200-211
- Nugroho, Nunung Puji . 2006. Estimating Carbon Sequestration in Tropical Rainforest Using Integrated Remote Sensing and Ecosystem Productivity Modelling. *Thesis*. International Institute for Geo-Information Science and Earth Observation. Enschede, The Netherlands.
- Odum EG. 1969. The strategy of ecosystem development. *Science* (164):262–70.
- Paustian, K., C. V. Cole, D. Sauerbeck, and N. Sampson. 1998. CO₂ Mitigation by Agriculture: An Overview. *Climatic Change* (40):135–162.
- Peng, D.L., Huang, J.F., Cai, C.X., Deng, R., and Xu, J.F. 2008. Assessing The Response of Seasonal Variation of Net Primary Productivity To Climate Using Remote Sensing Data and Geographic Information System Techniques in Xinjiang. *Journal of Integrative Plant Biology* (50): 1580–1588.
- Perruchoud DO and Fischlin A. 1995. The Response of The Carbon Cycle in Undisturbed Forest Ecosystems to Climate Change: A Review of Plant-Soil Models. *Biogeograph* (22):759–7
- Pietikäinen J, Pettersson M, Bååth E. Comparison of temperature effects on soil respiration and bacterial and fungal growth rates. *Fems Microbiology Ecology* (52) : 49-58
- Plattner, G.K., Fortunat Joss and Thomas F. Stocker. 2002. Revision of The Global Carbon Budget Due to Changing Air-Sea Oxygen Fluxes. *Global Biogeochemical Cycles* (16) : 43-1 – 43-12
- Potter, C., S. Randerson, J. T., Field, C. B., Matson, P. A., Vitousek, P. M., Mooney, H. A., and Klooster, S. A. 1993. Terrestrial Ecosystem Production: A

- Process Model Based on Global Satellite and Surface Data. *Global Biogeochem Cycles* (7): 811–841
- Potter, C., S. Klooster, V. Genovese and C. Hiatt. 2013. Forest production predicted from satellite image analysis for the Southeast Asia region. *Carbon Balance and Management* : 8:9.
- Prentice IC, Heimann M, Storch S .2000. The Carbon Balance of The Terrestrial Biosphere: Ecosystem Models and Atmospheric Observations. *Ecology Application* (10):1553–1573
- Prentice, I. C., G. D. Farquhar, M. J. R. Fasham, M. L. Goulden, M. Heimann, V. J. Jaramillo, H. S. Kheshgi, C. Le Quéré, R. J. Scholes, and D. W. R. Wallace. 2001. The carbon cycle and atmospheric carbon dioxide. in J. T. Houghton et al. 2001. *Climate change 2001: The scientific basis (Contribution of Working Group I to the Third Assessment Report of the Intergovernmental Panel on Climate Change)*. Cambridge: Cambridge University Press
- Prince, S.D., and S.N. Goward.1995. Global Primary Production : A Remote Sensing Approach. *Journal of Biogeography* (22) : 815-835
- Raich, J.W., W. H. Schlesinger. 1992. The Global Carbon Dioxide Flux in Soil Respiration and Its Relationship to Vegetation and Climate. *Tellus* (44b): 81-99.
- Riswan, S. & Kartawinata, K. 1988. A lowland dipterocarp forest 35 years after pepper plantation in East Kalimantan, Indonesia. Pp. 1—40 in Soemodihardjo, S. (Ed.) *Some Ecological Aspects of Tropical Forest of East Kalimantan: A Collection of Research Papers*. MAB Indonesia Contribution No. 48
- Rosenzweig, Cynthia, Francesco Nicola Tubiello. 2007. Adaptation and Mitigation Strategies in Agriculture: An Analysis of Potential Synergies. *Mitigation and Adaptation Strategies for Global Change* (12): 855-873
- Ruimy, A., G. Dedieu, and B. Saugier. 1994. Methodology for The Estimation of Terrestrial Net Primary Production From Remotely Sensed Data. *J. Geophys. Res.*(99): 5263-5283

- Running, S.W., Thornton, P. E., Nemani, R.R., and Glassy, J.M., 2000, Global terrestrial gross and net primary productivity from the earth observing system. In: Sala, O., Jackson, R., and Mooney, H. (eds.), *Methods in ecosystem science*, Springer Verlag, New York, p. 44-57
- Running, S.W., R.R. Nemani, F.A. Heinsch, M. Zhao, M. Reeves, and H. Hashimoto. 2004. A Continuous Satellite Derived Measure of Global Terrestrial Primary Production. *Bioscience* (54): 547-560
- Rutishauser, Ervan, Fatmi Noor'an Yves Laumonier, James Halperin, Ruffi'e, Kristel Hergoualc'h, Louis Verchot. 2013. Generic Allometric Models Including Height Best Estimate Forest Biomass and Carbon Stocks In Indonesia. *Forest Ecology and Management* 307 : 219–225
- Saner P, Loh YY, Ong RC, Hector A. 2012. Carbon Stocks and Fluxes in Tropical Lowland Dipterocarp Rainforests in Sabah, Malaysian Borneo. *Journal PLoS ONE* (7/1).
- Sarmiento, J.L., J.C. Orr, and U. Siegenthaler, 1992: A perturbation simulation of CO₂ uptake in an ocean general- circulation model. *Journal of Geophysical Research-Oceans* (97) : 3621-3645.
- Schulze, E.D., and M. Heimann, 1998: Carbon and water exchange of terrestrial ecosystems. In Galloway, J.N. and J. Melillo. 1998. *Asian Change In The Context of Global Change*. Cambridge: Cambridge University Press
- Schulze, E.D., Wirth, C., Heimann, M.C, 2000. Climate change – managing forests after Kyoto. *Science* (289); 2058–2059
- Schlesinger, W.H. 1997. *An Overview of The Carbon Cycle*. In: Lal, R., J. Kimble, E. Levine, and B.A. Stewart, eds. *Soils and Global Change*. Boca Raton: Lewis Publishers,
- Setiawan, Pindi., Noerdjito, M., Rahmadi., Cahyo., Hermawan., Benny., Irwan., 2016., *Sawit, Hutan dan El Nino pada Kawasan Karst Sangkulirang.*, tidak dipublikasikan untuk umum.
- Smit, B, Jeffrey A Reimer, Curtis M Oldenburg and Ian C Bourg. 2014. *Introduction to Carbon Capture and Sequestration*. London : Imperial College Press

- Smith P. 2004. Carbon Sequestration in Croplands: The Potential in Europe and The Global Context. *European Journal of Agronomy* (20): 229–236
- Song, G., Lianqing Li, Genxing Pan, Qi Zhang. 2005. Topsoil Organic Carbon Storage of China and Its Loss by Cultivation. *Biogeochemistry* (74): 47–62
- Sumaraga, Elham, Lars Hein. 2014. Mapping Ecosystem Services for Land Use Planning, the Case of Central Kalimantan. *Environmental Management* (54) : 84-97
- Sugiarto, Yon, Tania June, Bambang S.P. 2008. Estimation Of Net Primary Production (NPP) Using Remote Sensing Approach and Plant Physiological Modeling. *J.AgroMet* (22): 183-199
- Sunarto. 2004. Perubahan Fenomena Geomorfik Daerah Kepesisiran di Sekeliling Gunungapi Muria. Disertasi. Fakultas Geografi UGM
- Thompson, Bijoy, C Gnanaseelan , Anant Parekh, P. S. Salvekar..2008. North Indian Ocean warming and sea level rise in an OGCM. *Earth System Science* (117) : 169-178
- Tjasyono, B. 2004. *Klimatologi*. Bandung : Penerbit ITB Press
- Thomthwaite CW (1948) An approach toward a rational classification of climate. *Geography Review* (38) :55–94
- Urushibara-Yoshino, Kazuko Dan Franz-Diater Miotke.1998. The Solution Rate Of Limestone Tablets And Co2 Measurements In Limestone Areas of Japan. *Suppl.Geogr. Fis. Dinam. Quat.III*, T.4(1998), 35-39.
- Van Bemmelen, R. W. (1949). *The Geology of Indonesia vol. I A: General Geology of Indonesia and Adjacent Archipelagoes*. Martinus Nyhoff: The Hague.
- Valentini, R., G. Matteucci, A.J. Dolman, E.D. Schulze, C. Rebmann, E.J. Moors, A. Granier, P. Gross, N.O. Jensen, K. Pilegaard, A. Lindroth, A. Grelle, C. Bernhofer, T. Grunwald, M. Aubinet, R. Ceulemans, A.S. Kowalski, T. Vesala, U. Rannik, P. Berbigier, D. Loustau, J. Guomundsson, H. Thorgeirsson, A. Ibrom, K. Morgenstern, R. Clement, J. Moncrieff, L. Montagnani, S. Minerbi and P.G. Jarvis. 2000. The Carbon Cycle and

- Atmospheric Carbon Dioxide Respiration as The Main Determinant of Carbon Balance in European Forests. *Nature* (404) : 861-865
- Walther, G.-R., Post, E., Convey, P., Menzel, A., Parmesan, C., Beebee, T. J., Fromentin, J.-M., Hoegh-Guldberg, O. And Bairlein, F. 2002. Ecological Responses to Recent Climate Change. *Nature* (416): 389-395.
- Wang, B., Shengtian Yang, Changwei Lu, Jing Zhang, Yujuan Wang. 2010. Comparison of Net Primary Productivity in Karst and Non-Karst Areas: A Case Study In Guizhou Province, China. *Environmental Earth Science* (59): 1337–1347
- Waring, R.H., J.J. Landsberg, and M. Williams, 1998: Net Primary Production of Forests: A Constant Fraction of Gross Primary Production? *Tree Physiology* (18): 129-134.
- Wilson, M.E.J., Chambers, J.L.C., Evans, M.J., Moss, S.J., Nas, D.S., 1999, Cenozoic carbonates in Borneo: Case Studies from Northeast Kalimantan, *Journal of Asian Earth Sciences* (17): 183 – 201
- Wosten JHM, Clymans E, Page SE, Rieley JO, Limin SH. 2008. Peat–water Interrelationships in a Tropical Peatland Ecosystem in Southeast Asia. *Catena* (73) :212–224
- Xi, F, Steven J. Davis, Philippe Ciais, Douglas Crawford-Brown, Dabo Guan, Claus Pade, Tiemao Shi, Mark Sydda, Jie Lv, Lanzhu Ji, Longfei Bing, Jiaoyue Wang, Wei Wei, Keun-Hyeok Yang, Björn Lagerblad, Isabel Galan, Carmen Andrade, Ying Zhang and Zhu Liu. Substantial global carbon uptake by cement carbonation. *Nature Geoscience*. Published Online www.nature.com/naturegeoscience
- Xiao, X. Q. Zhang, S. Saleska, L. Hutryra, P. De Camargo, S. Wofsy, S. Frolking, S. Boles, M. Keller and B. Moore III. 2005. Satellite-Based Modelling of Gross Primary Production in A seasonally Moist Tropical Evergreen Forest. *Remote Sensing of Environment* (94):105-122
- Yohansyah, W M, Iskandar Lubis. 2014. Analisis Produktivitas Kelapa Sawit (*Elaeis guineensis* Jacq.) di PT. Perdana Inti Sawit Perkasa I, Riau. *Bul. Agrohorti* 2(1) : 125 – 131

Zhang, M. Chunhua Zhang, Kelin Wang, Yuemin Yue, Xiangkun Qi, Feide Fan.
2011. Spatiotemporal Variation of Karst Ecosystem Service Values and Its
Correlation with Environmental Factors in Northwest Guangxi, China.
Environmental Management (48): 933-944

Peraturan/Perundang-undangan

Keputusan Gubernur Kalimantan Timur Nomor 522/K2151/2010 Tentang
Pembentukan Kelompok Kerja Pengurangan Emisi Dari Deforestasi Dan
Degradasi Hutan Di Provinsi Kalimantan Timur

Keputusan Bupati Berau Nomor 290 tahun 2013 tentang Kawasan Lindung dan
Wisata Alam Labuan Cermin di Kecamatan Biduk-Biduk.

SNI 7145 : 2010 mengenai Klasikasi Penutup Lahan

SNI 7724 : 2011 mengenai Standar Pengukuran dan Perhitungan Cadangan
Karbon-Pengukuran Lapangan untuk Penaksiran Cadangan Karbon Hutan.

SNI 7725 : 2011 mengenai Standar Penyusunan Persamaan Alometrik Untuk
Mendukung Penaksiran Cadangan Karbon Hutan Berdasar Pengukuran
Lapangan.

Undang-Undang Nomor 1 Tahun 2004 tentang Perubahan Atas Undang-Undang
Nomor 27 Tahun 2007 Tentang Pengelolaan Wilayah Pesisir Dan Pulau-
Pulau Kecil.

Undang-undang Nomor 1 Tahun 2004 tentang Perlindungan Dan Pengelolaan
Lingkungan Hidup

Website

- ASTRIUM. 2013. *SPOT 6 & SPOT 7 Imagery User Guide*. dalam <http://www.geo-airbusds.com >pmedia>public> diakses pada tanggal 10 April 2016 oleh Ghufran Zulqisthi
- BMKG. 2016. Data Hujan Harian dalam <http://dataonline.bmkg.go.id> diakses pada tanggal 12 Desember 2016, pukul 15.00 oleh Ghufran Zulqisthi
- Budisatrijo,Alice.2015.*Battling deforestation in Indonesia*. dalam <http://www.bbc.co.uk/news/business-33265531> diakses pada tanggal 26 Januari 2016, oleh Ghufran Zulqisthi
- Harris,Brent.2015. *How to Save Indonesia's Forests*. dalam <http://www.nytimes.com/2015/10/24/opinion/how-to-save-indonesias-forests.html> diakses pada tanggal 26 Januari 2016, oleh Ghufran Zulqisthi
- Hellman, Melissa.2014. *Indonesia Now Has the Highest Rate of Deforestation in the World*. dalam <http://time.com/2944030/indonesia-now-has-the-highest-rate-of-deforestation-in-the-world/> diakses pada tanggal 26 Januari 2016, oleh Ghufran Zulqisthi
- Kementerian Lingkungan Hidup dan Kehutanan Republik Indonesia (KLHK).2015. *INCAS - Indonesia National Carbon Accounting System*. Dalam www.incas-indonesia.org/id diakses 18 februari 2017 oleh Ghufran Zulqisthi
- Matsangou, Elizabeth. 2016. *Why Indonesia urgently needs to address the burning issue of palm oil*. dalam <http://www.worldfinance.com/markets/why-indonesia-urgently-needs-to-address-the-burning-issue-of-palm-oil> diakses pada tanggal 26 Januari 2016, oleh Ghufran Zulqisthi
- Pemerintah Provinsi Kalimantan Timur. 2016. *2017, Gubernur Berharap Pabrik Semen di Kaltim Segera Terbangun*. Dalam <http://www.kliksamarinda.com/berita-4028-2017-gubernur-berharap-pabrik-semen-di-kaltim-segera-terbangun.html>. diakses 18 februari 2017 oleh Ghufran Zulqisthi

- POKJA REDD + BERAU. 2015. *Selayang Pandang*. dalam <http://www.karbonhutanberau.org/id/profil/selayang-pandang/> diakses pada tanggal 26 Januari 2016, oleh Ghufran Zulqisthi
- Running, S.W and M.Zhao. 2015 User Guide Daily GPP and Annual NPP (MOD17A2/A3) Products NASA Earth Observing System MODIS Land Algorithm. Dalam http://www.ntsug.umd.edu/sites/ntsug.umd.edu/files/modis/MOD17UsersGuide2015_v3.pdf diakses 18 februari 2017 oleh Ghufran Zulqisthi
- Samadhi, Nirarta. 2015. *Protecting Indonesia's forests is a key issue for Paris climate talks*. dalam <http://www.theguardian.com/environment/2015/may/08/protecting-indonesias-forests-is-a-key-issue-for-paris-climate-talks> diakses pada tanggal 26 Januari 2016, oleh Ghufran Zulqisthi
- Samarinda Pos. 2013. *Warga Terima Perusahaan Sawit di Biduk Biduk*. dalam <http://samarinda.prokal.co/read/arsip/721> diakses pada tanggal 26 Januari 2016, oleh Ghufran Zulqisthi
- USDA (United States Department of Agriculture). 1999. *Soil Test Kit Guide*. Dalam https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1044790.pdf . diakses 18 februari 2017 oleh Ghufran Zulqisthi
- Winarto, Yudho. 2017. *Kaltim targetkan 1,6 juta Ha kebun sawit di 2018*. Dalam <http://regional.kontan.co.id/news/kaltim-targetkan-16-juta-ha-kebun-sawit-di-2018>. diakses 18 februari 2017 oleh Ghufran Zulqisthi
- World Bank. 2017. *Emisi CO₂ per kapita Indonesia*. Dalam <http://data.worldbank.org/country/indonesia?locale=id> diakses 18 februari 2017 oleh Ghufran Zulqisthi