

DAFTAR PUSTAKA

- Alabaster, J.S. and Liyod. 1982. *Water Quality Criteria for Freshwater Fishes*. University Press of Cambridge. Great Britain.
- Ali, M., A. Salam, and F. Iqbal. 2001. Effect of Environmental Variabels On Body Composition Parameters of *Channa punctata*. *Journal of Research (Science)* Vol. 12 No. 2 : 200-206. Pakistan.
- Ali, M., F. Iqbal, A. Salam, S. Iram, and M. Athar. 2005. Comparative study of body composition of different fish species from brackish water pond. *Int. J. Environ. Sci. Tech* Vol 2, No. 3 : 229-232.
- Anonymus, 2001. *Peraturan Pemerintah Nomor 82 tentang Pengelolaan Kualitas Air dan Pengendalian Pencemaran Air*. Jakarta.
- _____. 2003. *Keputusan Menteri Lingkungan Hidup Nomor : 115 tentang Pedoman Penentuan Status Mutu Air*. Jakarta.
- _____. 2004. *Undang-Undang Republik Indonesia No. 31 tentang Perikanan*. Jakarta.
- _____. 2004. Laporan Akhir : Studi Ekosistem Danau Sentani : proyek pengendalian kerusakan sumberdaya alam kawasan perbatasan di Kabupaten Jayapura, Merauke dan Jayawijaya. Kerjasama BAPEDALDA Provinsi Papua & LPPM-ITB. Bandung.
- _____. 2005. *Analisis Kimia Tanah, Tanaman, Air, dan Pupuk*. Edisi Pertama. Balai Penelitian Tanah. Bogor.
- _____. 2008. *Potensi Perikanan dan Kelautan Kabupaten Jayapura*. Dinas Perikanan dan Kelautan Provinsi Papua. PEMDA PAPUA. Jayapura.
- _____. 2009. *Peraturan Menteri Negara Lingkungan Hidup Nomor 28 tentang Metode Penentuan Daya Tampung Beban Pencemaran Air Danau dan/atau Waduk*. Jakarta.
- _____. 2011. *Undang-Undang Republik Indonesia Nomor 4 tentang Informasi Geospasial*. Jakarta.
- _____. 2007. *Undang-Undang Republik Indonesia Nomor 26 tentang Penataan Ruang*. Jakarta.
- _____. 2011. *Profil 15 Danau Prioritas Nasional*. Kementerian Lingkungan Hidup. Jakarta.
- _____. 2012. *Kabupaten Jayapura dalam Angka 2012*. Badan Pusat Statistik Kab. Jayapura. Jayapura.
- _____. 2012. *Profil Kabupaten Jayapura 2012*. Badan Perencanaan Pembangunan Daerah Kab. Jayapura. Jayapura.
- _____. 2012. *Pola Pengelolaan SDA Wilayah Sungai Mamberamo-Tami-Apauvar*. Balai Wilayah Sungai Papua, Departemen Pekerjaan Umum. Jayapura.
- _____. 2013. *Potensi Sektor Pertambangan di Kabupaten Jayapura*. Dinas Pertambangan dan Energi Kabupaten Jayapura. Jayapura.
- _____. 2013. *Potret Potensi Sumber Daya Air Provinsi Papua*. Balai Wilayah Sungai Papua, Departemen Pekerjaan Umum. Jayapura.

- Astuti, L.P. dan C. Umar. 2006. Biolimnologi dan Potensi Produksi Ikan Danau Sentani, Propinsi Papua. *Prosiding Seminar Nasional Ikan IV : 113-121*. Jatiluhur, 29-30 Agustus 2006.
- Astuti, L.P. dan H. Satria. 2009. Kelimpahan dan Komposisi Fitoplankton di Danau Sentani, Papua. *Limnotek Volume XVI, Nomor 2, Tahun 2009*.
- Badan Pusat Statistik Kabupaten Jayapura. 2012. Kabupaten Jayapura dalam Angka 2012. BPS Kabupaten Jayapura. Jayapura.
- BAPEDALDA Provinsi Papua dan LPPM – ITB. 2004. *Laporan Akhir Studi Ekosistem Kawasan Danau Sentani (Proyek pengendalian kerusakan sumberdaya alam kawasan perbatasan di Kabupaten Jayapura, Merauke dan Jayawijaya)*. Bandung.
- Bardach, J.E. 1997. *Sustainable Aquaculture*. John Wiley & Sons, Inc. Canada.
- Begon, M., J.L. Harper, and C.R. Townsend. 1990. *Ecology : Individuals, Populations and Communities*. 2nd Edition. Blackwell Scientific Publications. USA.
- Beveridge, M.C.M. 1982. Cage and Pen Fish Farming. Carrying Capacity Models and Environmental Impact. *FAO Fish. Tech. Paper. (255) : 13*.
- Boyd, C.E. 1979. *Water Quality in Warmwater Fish Ponds*. Auburn University. Auburn, Alabama.
- Chao, X., Y. Jia, F. Douglas Shield Jr., S.S.Y. Wang and C.M. Cooper. 2007. Numerical modeling of water quality and sediment processes. *Ecological Modelling 201 : 385-397*.
- Berg, H., P. Michelsen, M. Troell, C. Folke, and N. Kautsky. 1996. Managing Aquaculture for Sustainability in Tropical Lake Kariba, Zimbabwe. *Ecological Economics 18 : 141-159*.
- Boge, G., N. Jean, J-J. Jamet, D. Jamet, and S. Richard. 2006. Seasonal changes in phosphatase activities in Toulon Bay (France). *Marine Environmental Research 61 : 1-18*.
- Brower, J.E. and J.H. Zar. 1977. *Field & Laboratory Methods for General Ecology*, 2nd Edition. WCB Publisher. Dubuque-Iowa.
- Bruce, L.C., D. Hamilton, J. Imberger, G. Gal, M. Gophen, T. Zohary, and K.D. Hambright. 2006. A numerical of the role of zooplankton in C, N and P cycling in Lake Kinneret, Israel. *Ecological Modelling 193 : 412-436*.
- Bryhn, A.C., D.O. Hessen and T. Blenckner. 2007. Predicting particulate pools of nitrogen, phosphorus and organic carbon in lakes. *Aquatic Sciences 69 : 484-494*.
- Buyukcapar, H.M. and A. Alp. 2006. The carrying capacity and suitability of the Menzelet Reservoir (Kahramanmaras-Turkey) for trout culture in term of water quality. *Jornal of Applied Sciences 6 (13) : 2772-2778*.
- Campbell, N.A., J.B. Reece and L. G. Mitchell. 2004. *BIOLOGI, Jilid 3*. Edisi ke – 5. Penerbit Erlangga, Jakarta.
- Carillo, P., I. Reche, and L. Cruz-Pizarro. 1996. Intraspecific stoichiometric variability and the ratio of nitrogen to phosphorus respplied by zooplankton. *Freshwater Biology 36 : 363-374*.
- Chao, X., Y. Jia, F. Douglas Shield Jr., S.S.Y. Wang and C.M. Cooper. 2007. Numerical modeling of water quality and sediment processes. *Ecological*

- Modeling 201* : 385-397.
- Chapra, S.C. 1992. A Budget Model Accounting for the Positional Availability of Phosphorus in Lakes. *Water Res.* 16 : 205-209.
- Cochran, W.G. 1977. *Sampling Techniques*. Third Edition. John Wiley & Sons. USA.
- Dahuri, R., 2003, *Keanekaragaman Hayati Laut : Aset Pembangunan Berkelanjutan Indonesia*, PT. Gramedia Pustaka Utama, Jakarta.
- Dahuri, R., J.Rais., S.P. Ginting. dan M.J. Sitepu. 2000. *Pengelolaan Sumberdaya Wilayah Pesisir dan Lautan Secara Terpadu*. PT. Pradnya Paramita. Jakarta. 365 Hal.
- Darsono, V. 1995. *Pengantar Ilmu Lingkungan*. Universitas Atma Jaya Yogyakarta. Yogyakarta.
- Djukardi, A.D. 1993. Penetapan Tata Ruang Berwawasan Lingkungan bagi Kepentingan Sektor Sekara Terpadu. *Prosiding Puslibangan No. 31/1993*. Deptan. Puslitbangkan, Jakarta.
- Effendie, M.I. 1997. *Biologi Perikanan*. Yayasan Pustaka Nusatama. Yogyakarta.
- Fauzi, M., Rispiningtati, A.P., dan Hendrawan. 2014. Kajian kemampuan maksimum Danau Sentani dalam mereduksi banjir di DAS Sentani. *Jurnal Teknik Pengairan* Vol. 5 No. 1 : 42-53.
- Foy, R.H. and R. Rosell. 1991. Loadings of nitrogen and phosphorus from a Northern Ireland fish farm. *Aquaculture* 96 : 17-30.
- Frigstad, H., T. Andersen, D.O. Hessen, L-J. Naustvoll, T.M. Johnsen, and R.G.J. Bellerby. 2011. Seasonal variation in marine C:N:P stoichiometry : can the competition of seston explain stable Redfield ratio?. *Biogeosciences* 8 : 2917-2933.
- Garnier, J., J. Némery, G. Billen and S. Théry. 2005. Nutrient dynamics and control of eutrophication in the Marne River system : modelling the role of exchangeable phosphorus. *Journal of Hydrology* 304 : 397-412.
- Gloyna, E. F. 1971. Waste Stabilization Ponds. Genewa. *WHO Monogr. Ser.* (60) : 175 p.
- Guo, L. and Z. Li. 2003. Effects of nitrogen and phosphorus from fish cage-culture on the communities of shallow lake in middle Yangtze River basin of China. *The Chinese Academy of Sciences*. China.
- Hadisusanto, S. 2006. *Distribusi dan Kemelimpahan Larva Bentonik Chironomidae (Diptera) : Hubungannya dengan Jeluk dan Nutrien di Waduk Sempor, Kebumen, Jawa Tengah*. Disertasi. Universitas Gadjah Mada. Yogyakarta.
- Haga, H., T. Nagata, and M. Sakamoto. Size-fractionated NH₄⁺ regeneration in the pelagic environments of two mesotrophic lakes. *Limnology Oceanography* 40 (6) : 1091-1099.
- Halide, H., D. McKinnon, M. Rehbein, L. Trott and R. Brinkman. 2008. *Panduan Teknis CADS_TOOL (Suatu perangkat pendukung keputusan dalam budidaya keramba jarring apung)*. Australian Centre of International Agricultural Research (ACIAR), Australian Institute of Marine Science (AIMS), dan Departemen Kelautan dan Perikanan Republik Indonesia.
- Hart, D.R., Stone, L., and Berman, T. 2000. Seasonal dynamics of the Lake Kinneret food web : the importance of the microbial loop. *Limnology Oceanography*

45 : 350-361.

- Hartoto, D.I, S. Sunanisari, M.S. Syawal, Yustiawati, I. Ridwansyah dan S. Nomosatryo. 1998. Alternatif Tata Guna Danau Teluk Berdasar Sifat Limnologis. *Hasil-Hasil Penelitian PUSLITBANG Limnologi, LIPI. Cibinong.*
- Hecky, R.E., P. Campbell, dan L.L. Hendzel. 1993. The stoichiometry of carbon, nitrogen, and phosphorus in particulate matter of lakes and oceans. *Limnology Oceanography* 38 (4) : 709-724.
- Holmer, M., N. Marba, E. Diaz-Almela, C.M. Duarte, M. Tsapakis and R. Danovaro. 2007. Sedimentation of organic matter from fish farms in oligotrophic Mediterranean assessed through bulk and stable isotope ($\delta^{13}C$ and $\delta^{15}N$) analysis. *Aquaculture* 262 : 268-280.
- Horne, A.J. and C.R. Goldman. 1994. *Limnology*. Second Edition. McGraw-Hill Inc. New York.
- Hoss, S., W. Ahlf, C. Fahnenstich, D. Gilberg, H. Hollert, K. Melbye, M. Miller, M. Hammers-Wirtz, P. Heininger, H. Neumann-Hensel, R. Ottermanns, H.-T. Ratte, T.-B. Seiler, D. SPira, J. Weber, and U. Feiler. 2010. Variability of sediment-contact test in freshwater sediments with low-level anthropogenic contamination – determination of toxicity thresholds. *Environmental Pollution* : 2999-3010.
- Illyas, S. 1990. Petunjuk Teknis pengelolaan perairan Umum bagi Pengembangan Perikanan. Seri pengembangan Hasil Penelitian perikanan. No. PHP/09/1990. Balitbang Pertanian, Jakarta..
- Indrayani, E. dan S. Hadisusanto. 2009. Biomassa Zoobentos, Kandungan Nutrien Sedimen dan Kualitas Air berdasarkan Zonasi di Rawa Jombor, Kabupaten Klaten, Jawa Tengah. *Prosiding Seminar Nasional Moluska 2*. IPB. Bogor.
- Indrayani, E., S. Hadisusanto, Rustadi, and Kamiso, H.N. 2012. Diversity of freshwater fishes : Aquaculture for community welfare at Lake Sentani, Papua. *Proceeding of The 2nd Society for Indonesian Biodiversity International Conference* Vol. 2 : 115-119.
- Janse, J.H. 1997. A model of nutrient dynamics in shallow lakes in relation to multiple stable states. *Hydrobiologia* 342/343 : 1-8.
- Ji, Zhen-Gang. 2008. *Hydrodynamics and Water Quality : Modeling Rivers, Lakes, and Estuaries*. John Wiley & Sons, Inc. USA.
- Johnson, L.B. and S.H. Gage. 1997. Landscape approaches to the analysis of aquatic ecosystems. *Freshwater Biology* 37 : 113-132.
- Kamiso, H.N. 2003. Manajemen Danau di Indonesia. *Prosiding Seminar Nasional Limnologi PBI*. 8 Februari 2003. Yogyakarta.
- Kang, B. and W. Xian. 2008. C, N and P regeneration by a detritivorous fish, *Liza haematocheila* T.&S. : effects of temperature, diet and body size. *Aquacult Int* 16 : 319-331.
- Karim, M. 2008. *Potensi Budidaya Ikan dari Jenis Perikanan Darat*. <http://www.Sinar-Harapan.com>. Diakses tanggal 19 April 2010.
- Kartamihardja, E. S. dan H. Supriyadi. 1999. Analisis Laju Sedimentasi, Unsur Hara dan Uji Kemampuan Nitrifikasi Bakteri Nitrosomonas : Sebagai Data Dasar untuk Restorasi Kualitas Air pada Budidaya Keramba Jaring Apung.

- Jurnal Penelitian Perikanan Indonesia* V (1) : 45-51.
- Kembarawati dan Lilia. 2005. Kondisi Awal Kualitas Perairan di Saluran Primer Induk (SPI) Eks-PLG 1 Juta Hektar dan Wilayah Dusun Muara Puning, Kalimantan Tengah. *Climate Change, Forests and Peatlands in Indonesia* : 297-311.
- Khiatuddin, M. 2003. *Melestarikan Sumber Daya Air dengan Teknologi Rawa Buatan*. Gadjah Mada University Press. Yogyakarta.
- Komatsu, E., T. Fukushima and H. Shiraishi. 2006. Modeling of P-dynamics and algal growth in a stratified reservoir – mechanism of P-cycle in water and interaction between overlying water and sediment. *Ecological Modelling* 197 : 331-349.
- Kondratyev, S., T. Gronskaya, N. Ignatieva, I. Blinova, I. Talesh, and L. Yefremova. 2002. Assessment of present state of water resources of Lake Laduga and its drainage basin using sustainable development indicators. *Ecological Indicator* 2 : 79-92.
- Kopáček, J., L. Procházková, E. Stuchlík and P. Blažka. 1995. The nitrogen-phosphorus relationship in mountain lakes : Influence of atmospheric input, watershed, and pH. *Limnology and Oceanography* 40 (5) : 930-937.
- Kordi K, M.G.H. 2004. *Penanggulangan Hama dan Penyakit Ikan*. Kerjasama Penerbit Rineka Cipta dan Penerbit Bina Adiaksara. Jakarta.
- Kordi K, M.G dan A.B. Tancung. 2007. *Pengelolaan Kualitas Air : dalam budidaya perikanan*. Penerbit Rineka Cipta. Jakarta.
- Krebs, C.J. 2009. *Ecology : The Experimental Analysis of Distribution and Abundance*. 2nd Ed. Pearson Education, Inc. USA.
- Krismono. 1998. Pengelolaan Lingkungan Kawasan Akuakultur di Waduk. *Prosiding Seminar Nasional Pengelolaan Kawasan Akuakultur Secara terpadu*. Jakarta, 23 Feb. 1998. Kerjasama BPPT dan Deptan. Dirjen Perikanan.
- Laznik, M., P. Stålnacke, A. Grimvall and H.B. Wittgren. 1999. Riverine input of nutrients to the Gulf of Riga – temporal and spatial variation. *Journal of Marine System* 23 : 11-25.
- Laws, E.A., Bienfang, P.K., Ziemann, D.A., and Conquest, L.D. 1988. Phytoplankton population dynamics and the fate of production during the spring bloom in Auke Bay, Alaska. *Limnology Oceanography* 33 : 57-65.
- Legović, T. R. Palerud, G. Christensen, P. White and R. Regpala. 2008. A model to estimate aquaculture carrying capacity in three areas of the Philippines. *Science Diliman* : 31-40. Philippines.
- Li, M., H. Wei, G. Wang, and J. Ni. 2003. Distribution and different forms of phosphorus in sediments from the Changjiang Estuary and Hangzhou Bay. *International Conference on Estuaries and Coasts*, Hangzhou Bay, China.
- Lovett, G.M., K.C. Weathers, and W.V. Sobczak. Nitrogen saturation and retention in forested watersheds of the catskill mountains, New York. *Ecological Application* 10 (1) : 73-84.
- Lukman dan T. Widyanto. 1991. Komunitas Perifiton pada Tumbuhan Air *Hydrilla verticillata* dan *Vallisneria americana* di Tiga Lokasi Danau Sentani. *Biologi Perairan Darat* : 37-42. LIPI – Bogor.

- Man, K.I.I. and J.R.N. Lazier. 1991. Dynamic of marine ecosystem. *Biological-Physical Intersection in the Ocean*. Boston.
- Marshall, A.J. dan B.M. Beehler. 2007. *The Ecology of Papua (Part 1)*. Periplus & Conservation International.
- Mason, C.F. 1991. *Biology of Freshwater Pollution*. 2nd Edition. Longman Scientific & Technical. New York.
- Michael, P. 1984. *Ecological Methods for Field and Laboratory Investigations*. Tata McGraw-Hill Pub. Co. Ltd., New Delhi.
- Minsas, S., I.J. Zakaria, dan J. Nurdin. 2013. Komposisi dan kandungan klorofil-a fitoplankton pada musim timur dan barat di estuari Sungai Peniti Kalimantan Barat. *Prosiding Seminar FMIPA Universitas Lampung* : 381-386.
- Mitchell, D.B. and S.S. De Silva. 1992. Sustainable Utilization of Inland Water Resources. An Integrated Program for Research and Management. Naga. *The ICLARM Quart*, (15): 14-17.
- Mujiati. 2006. *Pengaruh Kegiatan Keramba Jaring Apung terhadap Eutrofikasi (Nitrogen dan Fosfor) Perairan Danau*. Tesis. Universitas Indonesia. Jakarta.
- Nur, A. 2007. Analysis of Feeds and Fertilizers for Sustainable Aquaculture Development in Indonesia. In M.R. Hasan, T. Hecht, S.S. De Silva and A.G.J. Tacon (Eds.). Study and analysis of feeds and fertilizers for sustainable aquaculture development. *FAO Fisheries Technical Paper*. No. 497. Rome, FAO : 245-267.
- Odum, E.P. 1971. *Fundamentals of Ecology*. 3rd ed. W.B. Saunders Co., Toronto.
- Olila, O.G. and K.R. Reddy. 1997. Influence of redox potential on phosphate-uptake by sediments in two sub-tropical eutrophic lakes. *Hydrobiologia* 345 : 45-57.
- Omnes, P., G. Slawyek, N. Garcia and P. Bonik. 1996. Evidence of denitrification and nitrate ammonification in the River Rhone plume. *Marine Ecology Progress Series* Volume 141 : 275-281.
- Organization for Economic Cooperation & Development (OECD). 1982. *Eutrophication of Water, Monitoring Assessment and Control*. Paris.
- Parmenter, R.R. and V.A. Lamarra. 1991. Nutrient cycling in a freshwater marsh : The decomposition of fish and waterfowl carrion. *Journal of Limnology & Oceanography* 36 (5) : 976-987.
- Piranti, A.S., Sudarmadji., A. Maryono., dan S. Hadisusanto. 2012. Penentuan kriteria nutrient untuk penilaian status trofik perairan Waduk Mrica Banjarnegara, Indonesia. *Jurnal Manusia dan Lingkungan* Vol. 19 No. 2 : 184-192.
- Prochazkova, J.K., L. Prochazkova, E. Stuchlik and P. Blazka. 1995. The nitrogen-phosphorus relationship in mountain lakes : Influences of atmospheric input, watershed, and pH. *Journal of Limnology & Oceanography* 40 (5) : 930-937.
- Pujiastuti, P., B. Ismail., dan Pranoto. 2013. Kualitas dan beban pencemaran perairan waduk Gajah Mungkur. *Jurnal Ekosains* Vol V No. 1 : 59-75.
- Pulatsü, S. 2003. The application of a phosphorus budget model estimating the

- carrying capacity of Kesikkopru Dam Lake. *Tur J Vet Anim Sci* 27 : 1127-1130.
- Putra, S.S., C. Hassan, Djudi, and H. Suryatmojo. 2013. Reservoir saboworks solutions in Limboto Lake sedimentations, Northern Sulawesi, Indonesia. *Procedia Environmental Sciences* 17 : 230-239.
- Rahmani, U., Y. Syaukat, A. Fauzi, dan A. Hidayat. 2011. Internalisasi Biaya Lingkungan pada BUdidaya Ikan Karamba Jaring Apung di Waduk Cirata. *Indonesian Journal of Agricultural Economics (IJAE)* 2 (2) : 157-168.
- Ramm, K., and V. Scheps. 1997. Phophorus balance of a polytrophic shallow lake with the consideration of phosphorus release. *Hydrobiologia* 342/343 : 43-53.
- Reynolds, C.S. 1993. *The Ecology of Freshwater Phytoplankton*, Fourth edition. Cambridge University Press. Melbourne.
- Rimmer, A., M. Boger, Y. Aota, and M. Kumagai. 2006. A lake as a natural integrator of linear processes : application to lake Kinneret (Israel) and Lake Biwa (Japan). *Journal of Hydrology* 319 : 163-175.
- Rustadi, R. Kuwabara, and Kamiso H.N. 2002. Water quality and planktological approach to monitor eutrophication by cage-culture of red tilapia (*Oreochromis* sp.) at the Sermo Reservoir, Yogyakarta, Indonesia. *Asian Fisheries Science* 15 : 135-144.
- Rustadi. 2008. *Konsentrasi Nitrogen dan Fosfor untuk menaksir Daya Dukung Lingkungan Perairan Budidaya Ikan di Waduk Sermo, Kulonprogo, Daerah Istimewa Yogyakarta*. Disertasi. Universitas Gadjah Mada. Yogyakarta.
- _____. 2009. Eutrofikasi nitrogen dan fosfor serta pengendaliannya dengan perikanan di Waduk Sermo. *Jurnal Manusia dan Lingkungan* 16 (3) : 176-186.
- Ruttenberg, K.C. and M.A. Goni. 1997. Phosphorus distribution, C:N:P ratios, and $\delta^{13}C_{OC}$ in arctic, temperate, and tropical coastal sediments : tools for characterizing bulk sedimentary organic matter. *Marine Geology* 139 : 123-145.
- Ryding, S.O. and W. Rast. 1989. The Control of Eutrophication of Lake and Reservoir. *Man and Biosphere*. Vol. I. UNESCO Paris. 314 p.
- Sabar, F. dan T. Widiyanto. 1998. Profil Senyawa Organik pada Sistem Perairan Tambak Udang. *Hasil-Hasil Penelitian Puslitbang Limnologi tahun 1997/1998* : 429-432. LIPI – Cibinong.
- Salmin. 2005. Oksigen Terlarut (DO) dan Kebutuhan Oksigen Biologi (BOD) sebagai salah satu Indikator untuk menentukan Kualitas Perairan. *Ocean*, Volume XXX, No.3 : 21-26.
- Satya, A., S. Sunanisari, R. Ramadaniya, dan E. Mulyana. 2010. Pola distribusi dan laju akumulasi karbon organik dan bahan organik dalam sedimen serta hubungannya dengan padatan tersuspensi di Situ Cibuntu. *LIMNOTEK* 17 (1) : 71-84.
- Scavia, D. 1980. An ecological model of Lake Ontario. *Ecology Modelling* 8 : 49-78.
- Schmittou, H.R. 1991. *Cage Culture - A Method of Fish Production in Indonesia*. FRDP. Central Research Institute for Fisheries. Jakarta, 114 p.

- Soeprbowati, T.R. 2012. Peta Batimetri Rawa Pening. *BIOMA* Vol. 14 No. 2
Hal : 75-78
- Soeprbowati, T.R. dan S.W.A. Suedy. 2010. Status trofik danau Rawa Pening dan solusi pengelolaannya. *Jurnal Sains dan Matematika* Vo. 18 No. 4 : 158-169.
- Sterner, R.W. and N.B. George. 2000. Carbon, nitrogen, and phosphorus stoichiometry of cyprinid fishes. *Ecology* 81 (1) : 127-140.
- Tezuka, Y. 1985. C:N:P ratios of seston in Lake Biwa as indicators of nutrient deficiency in phytoplankton and decomposition process of hypolimnetic particulate matter. *Japan Journal Limnology* 46 (4) : 239-246.
- Topçu, A. and S. Pulatsü. 2014. Phosphorus fractions and cycling in the sediment of a shallow eutrophic pond. *Journal of Agricultural Sciences* : 63-70.
- Trumbore, S.E., S.L. Schiff, R. Aravena, and R. Elgood. 1992. Sources and transformation of dissolved organic carbon in the harp lake forested catchment : the role of soils. *Radiocarbon* Vol 34 No.3 : 626-635.
- Umar, C. dan S. Makmur. 2006. Komposisi Jenis dan Hasil Tangkapan Ikan di Danau Sentani Papua. *Biodiversitas* Volume 7, Nomor 4 hal. 349-353.
- Velichkova, K., I. Sirakov, and S. Stoyanova. 2014. Biomass producyion and wastewater treatment from aquaculture with *Chlorella vulgaris* under different carbon sources. *Scientific Bulletin. Series F. Biotechnologies* Vol. XVIII : 83-88.
- Vollenweider, R.A. 1972. Input-Output Models. *Mimeographed Report*. Can. Cen. Inland Water, Burlington. Ontario. 40 p.
- Walukow, A.F. 2010. Analisis Kendala Pengelolaan Danau Sentani Berwawasan Lingkungan. *Limnotek* 17 (1) : 118-127.
- Walukow, A.F., D. Djokosetiyanto, Kholil dan D. Soedharma. 2008. Analisis Beban Pencemaran dan Kapasitas Asimilasi Danau Sentani, Papua sebagai Upaya Konservasi Lingkungan Perairan. *Berita Biologi* 9 (3): 229-236.
- Wetzel, R.G. 1983. *Limnology*. 2nd Edition. Saunders College Publishing. USA.
- Wetzel, R.G. and G.E. Likens. 1991. *Limnological Analyses*. 2nd edition. Springer Verlag, New York.
- Wheaton, F.W., M.B. Timmons, J.M. Ebellling, S.T. Summerfelt, B.J. Vinci. 2002. Recirculating Aquaculture System. *NRAC Publication*. United States.
- Widiyanto, T., F. Sabar. dan V. Indarwati. 1998. Profil Nitrogen Total dan Fosfat Total pada Perairan Sistem Budidaya (Tambak Udang). *Hasil-Hasil Penelitian Puslitbang Limnologi tahun 1997/1998* : 433-437. LIPI – Cibinong.
- Wulandari, D.T. 2006. *Pengelolaan Sumber Daya Alam Danau*. Pascasarjana Biologi UI. Jakarta.
- Wurts, W.A. and R.M. Durborrow. 1992. Interaction pH, carbondyoxide, alkalinity, and hardness in fish ponds. *SRAC Publication*. [http://aquatic.org/SRAC Publication/No.464.pdf](http://aquatic.org/SRAC%20Publication/No.464.pdf). Diakses 19 September 2007.
- Yulius, H. Prihatno dan I.R. Suhelmi. 2010. Pola spasial kedalaman perairan di Teluk Bungus, Kota Padang. *Prosiding PIT VII ISOI* : 205-212.