

REFERENCE

- Afdal, Kaswadji, R.F. & Koropitian, A.F. 2012. Pertukaran Gas CO₂ Udara-laut di Perairan Selat Nasik, Belitung. *Jurnal Segara*, VIII(1), pp.9-17.
- Aji, W.P., Subiyanto & Muskananfolo, M.R. 2014. Kelimpahan Zoophytoplankton Krustasea Berdasarkan Fase Bulan di Perairan Pantai Jepara, Kabupaten Jepara. *Diponegoro Journal of Maquares*, 3(3), pp.188-196.
- Ambarwati, D.O. 2008. *Evaluasi Dampak El Niño dan La Nina Terhadap Produktivitas Padi dan Pendapatan Usaha Tani di Propinsi Jawa Tengah*. Bogor: Institut Pertanian Bogor.
- Anandan, P., Krisnamurthy, R. & Altaff, K. 2013. *International Journal of Current Microbiology and Applied Sciences*, 2(2), pp.20-27.
- APHA, AWWA & WEF. 1992. *Standard Methods for the Examination of Water and Wastewater*. New York: American Public Health Association, American Water Works Association, and Water Environment Federation.
- Ardli, E.R. 2008. *A Trophic Flow Model of The Segara Anakan lagoon, Cilacap, Indonesia*. Bremen: Universität Bremen.
- Ardli, E.R. & Wolff, M. 2005. Spatial and Temporal Dynamics of Mangrove Conversion at The Segara Anakan, Cilacap, Indonesia. In: U. Saint-Paul & I. Nordhaus, eds. *A Trophic Flow Model of The Segara Anakan lagoon, Cilacap, Indonesia*. Bremen: Universität Bremen.
- ASEAN/US CRMP & DGF (Association of Southeast Asian Nation/ United State Coastal Resources Management Project & Directorate General of Fisheries Indonesia). 1992. *The Integrated Management Plan for Segara Anakan-Cilacap, Central Java, Indonesia*. Manila: International Center for Living Aquatics Resources Management.
- Bellinger, E.G. & Sigee, D.C. 2010. *Freshwater Algae: Identification and Use as Bioindicators*. Great Britain: John Wiley & Sons, Ltd.
- Badan Meteorologi Klimatologi dan Geofisika. 2017. *Data Curah Hujan Bulanan 2017*. Cilacap: Stasiun Meteorologi Cilacap.
- Badan Meteorologi Klimatologi dan Geofisika. 2018. *Data Curah Hujan Bulanan 2018*. Cilacap: Stasiun Meteorologi Cilacap.
- Carstensen, J., Klais, R., & Cloern, J.E., 2015. Phytoplankton Blooms in Estuarine and Coastal Waters: Seasonal Patterns and Key Species. *Estuarine, Coastal and Shelf Science*, 30, pp.1-12.
- Champalbert, G., Pagano, M., Sene, P. & Corbin, D. 2007. Relationship between Meso- and Macro-zoophytoplankton Communities and Hydrology in Senegal River Estuary. *Estuarine, Coastal and Shelf Science*, 74, pp.381-394.

- Christiansson, M. 2016. *Diatom Distribution in The Lower Save River, Mozambique: Taxonomy, Salinity Gradient and Taphonomy*. Stockholm: Stockholm University.
- Cloern, J.E. 1987. Turbidity as a Control on Phytoplankton Biomass and Productivity in Estuaries. *Continental Shelf Research*, 7, pp.1367-1381.
- Cloern, J.E., Foster, S.Q. & Kleckner, A.E. 2014. Phytoplankton Primary Production in The World's Estuarine-Coastal Ecosystems. *Biogeosciences*, 11, pp.2477-2501.
- Cravotta, C.A. & Trahan, M.K. 1999. Limestone Drains to Increase pH and Remove Dissolved Metals from Acidic Mine Drainage. *Applied Geochemistry*, 14, pp.581-606.
- Davis, C.C. 1995. *The Marine and Fresh-water Phytoplankton*. East Lansing: Michigan State University.
- Djohan, T.S. 2010. Dinamika Komunitas Plankton di Perairan Ekosistem Hutan Bakau Segara Anakan yang sedang Berubah. *J. Manusia dan Lingkungan*, XVII(3), pp.135-149.
- Ecology Team. 1984. *Ecological Aspects of Segara Anakan in Relation to Its Future Management*. Bogor: Bogor Agricultural University.
- Engel, A., Schulz, K; Riebessel, U., Bellerby, R., Delille, B., Schartau, M. 2007. Effects of CO₂ on Particle Size Distribution and Phytoplankton Abundance During A Mesocosm Bloom Experiment (PeECE II). *Biogeosciences Discuss*, 4, pp.4101-4133.
- Goldyn, R. & Madura, K.K. 2007. Interactions between Phytoplankton and Zooplankton in The Hypertrophic Swarzędzkie Lake in Western Poland. *Journal of Plankton Research*, 30(1), pp.33-42.
- Gotelli, N.J. & Chao, A. 2013. Measuring and Estimating Species Richness, Species Diversity, and Biotic Similarity from Sampling Data. In: S. Levin, ed. *Encyclopedia of Biodiversity*. Waltham: Academic Press, pp.195-211.
- Government Regulation Number 82. 2001. Management of Water Quality and Water Pollution Control for class III.
- Gupta, C. & Kulkarni, P. 2016. A Comparative Study on Nostoc and Oscillatoria spp. for Heavy Metal Tolerance and Biomass Production. *National Journal of Life Science*, 13(2), pp.147-150.
- Harris, J.M. & Vinobaba, P., 2012. Impact of Water Quality on Species Composition and Seasonal Fluctuation. *Ecosystem & Ecography*, 2(4), pp.1-6.
- Herawati, V.E., 2008. *Analisis Kesesuaian Perairan Segara Anakan Kabupaten Cilacap sebagai Lahan Budidaya Kerang Totok (Polymesoda erosa) Ditinjau dari Aspek Produktivitas Primer Menggunakan Penginderaan Jauh*. Semarang: Universitas Diponegoro.

- Hernawati. 2014. *Kajian Akumulasi Logam Berat Kadmium pada Kepiting Bakau dan Pengetahuan Masyarakat tentang Pencemarannya di Segara Anakan Cilacap*. Purwokerto: Universitas Jenderal Soedirman.
- Hutabarat, S. & Evans, S.M., 1984. *Pengantar Oceanografi*. Jakarta: Universitas Indonesia.
- Jennerjahn, T.C. & Mitchell., S.B. 2013. Pressures, Stresses, Schocks and Trends in Estuarine Ecosystem- an Introduction and Synthesis. *Estuarine, Coastal and Shelf Science*, 130, pp.1-8.
- Jennerjahn, T.C., Nasir, B. & Pohlenga, I. 2009. Spatio-temporal Variation of Dissolved Inorganic Nutrients related to Hydrodynamics and Land Use in The Mangrove-fringed Segara Anakan Lagoon, Java, Indonesia. *Reg Environ Change*, 9, pp.259-274.
- Kjørboea, T., Jiang, H., Gonçalves, R.J., Nielsen, L.T. & Wadhwa, N. 2014. Flow Disturbances Generated by Feeding and Swimming Zooplankton. *PNAS*, 111(32), pp.11238-11743.
- Kristiansen, J. & Škaloud, P. 2016. *Chrysophyta*. Switzerland: Springer International Publishing.
- Lancelot, C. & Muylaert, K. 2011. Trends in Estuarine Phytoplankton Ecology. In: E. Wolanski & D. McLusky, eds. *Treatise on Estuarine and Coastal Science: 7. Functioning Ecosystems at The Land-ocean Interface*. Amsterdam: Elsevier, pp.5-12.
- Logares, R.E. 2006. Does The Global Microbiota Consist of A Few Cosmopolitan Species?. *Ecología Austral*, 16, pp.85-90.
- Maps, G. 2018. [www.maps.google.com](https://www.google.co.id/maps). [Online] Available at: <https://www.google.co.id/maps> [Accessed Wednesday January 2018].
- Mckelvey, K.S. 2015. The Effects of Disturbance and Succession on Wildlife Habitat and Animal Communities. In: Morrison, M. L., Mathewson, H. A., editors. *Wildlife Habitat Conservation: Concepts, Challenges, and Solutions*. Baltimore, M.D.: Johns Hopkins University Press. pp. 143-156.
- Mulyadi, Murniati, D.C. 2017. Keanekaragaman, Kelimpahan, dan Sebaran Kopepoda (Krustasea) di Perairan Bakau Segara Anakan, Cilacap. *Oseanologi dan Limnologi di Indonesia*, 2(2), pp.21-31.
- Muntasib, E.H., Ulfah, M.M., Samosir, A. & Meilani, R. 2017. Potensi Bahaya bagi Keselamatan Pengunjung di Kawasan Wisata Pantai Pangandaran Kabupaten Pangandaran Jawa Barat. *Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan*, 8(1), pp.15-25.
- Nuryanto, A., Pramono, H. & Sastranegara, M.H. 2017. Molecular Identification of Fish Larvae from East Plawangan of Segara Anakan, Cilacap, Central Java, Indonesia. *Biosaintifika*, 9(1), pp.33-40.

- Nyabakken, J. & Bertness, M. 2005. *Marine Biology: An Ecological Approach*. 6th ed. San Fransisco: Pearson Benjamin Cummings.
- Orians, G.H., Buckley, J., Clark, W., Gilpin, M.E., Jordan, C.F., Lehman, J.T., May, R.M., Robilliard, G.A., Simberloff, D.S., Policansky, D., Grossblatt, N. & Gaskin, A. 1986. *Ecological Knowledge and Environmental Problem-Solving: Concepts and Case Studies*. Washington, D.C.: National Academies Press.
- Pribadi, R. Rudhi; Ardli, E.R., Sastranegara, M.H., Yuwono, E., Sukardi, P., Jennerjahn, T.C., Holtermann, P., Pohlenga, I., Nasir, B., Nordhaus, I., Geist, S.J., Rückert, S., Palm, H.W., Rosyadi, S., Widhiono, I., Sudibya, P.H.T., Sugiharto, Setiana, L., Hartoyo, Sulistyo, I. & Junaidi, T. 2007. *Synopsis of Ecological and Socio-Economic Aspects of Tropical Coastal Ecosystem with Special Reference to Segara Anakan*. Purwokerto: Research Institute The University of Jenderal Soedirman .
- Putra, R.M., Hermon, D. & Farida. 2013. *Studi Kualitas Air Payau untuk Budidaya Perikanan di Kawasan Pesisir Kecamatan Linggo Sari Baganti Kabupaten Pesisir Selatan*. Sumatera Barat: Sekolah Tinggi Keguruan dan Ilmu Pendidikan Persatuan Guru Republik Indonesia.
- Rahadyan, A. 2003. *Kondisi Ekosistem Mangrove Berdasarkan Indikator Kualitas Lingkungan dan Ukuran Morfometrik Daun di Sebelah Utara dan Selatan Sungai Kembang Kuning, Cilacap, Jawa Tengah*. Bogor: Departemen Ilmu dan Teknologi Kelautan Fakultas Perikanan dan Ilmu Kelautan Institut Pertanian Bogor.
- Rathore, S.S., Chandravanshi, P., Chandravanshi, A. & Jaiswal, K. 2016. Eutrophication: Impacts of Excess Nutrient Inputs on Aquatic Ecosystem. *IOSR Journal of Agriculture and Veterinary Science*, 9(10), pp.89-96.
- Rick, H.J. & Dürselen, C.D. 1995. Importance and Abundance of The Recently Established Species *Coscinodiscus wailesii* Gran & Angst in the German Bight. *Helgoländer Meeresuntersuchungen*, 49, pp.355-374.
- Rozali, Mubarak & Nurrachmi, I. 2016. *Patterns of Distribution Total Suspended Solid (TSS) in River Estuary Kampar Pelalawan*. Riau: Univeristas Riau.
- Sabater, S., Vilaita, E., Gaudes, A., Guasch, H., Muñoz, I. & Romani, A. 2003. Ecological Implications of Mass Growth of Benthic Cyanobacteria in Rivers. *Aquatic Microbial Ecology*. 32, pp.175-184.
- Sachlan, M. 1982. *Planktonologi*. Jakarta: Direktorat Jenderal Perikanan Departemen Pertanian.
- Sastranegara, M.H. 1996. Kecenderungan Peningkatan Eutrofikasi di Segara Anakan Cilacap. *Biosfera*, 4(2), pp.29-35.
- Sastranegara, M.H. 2004. *The Impact of Forest Use on The Intertidal Crab Community in Managed mangroves of Cilacap, Central Java, Indonesia*. Göttingen: Cuvillier.
- Sastranegara, M.H. 2010. *Climate Change Threats to Estuary Ecosystems: The Case Study of Segara Anakan Cilacap*. Göttingen: Cuvillier.

- Sastranegara, M.H., Fermon, H. & Mühlenberg, M. 2003. *Diversity and Abundance of Intertidal Crabs at The East Swamp-managed Areas in Segara Anakan Cilacap, Central Java, Indonesia*. Göttingen: Cuvillier.
- Sastranegara, M.H. & Lestari, S. 2009. Kualitas Air Pasca Pengerukan Air Transportasi Batu Kapur di Sungai Donan Cilacap. *Biosfera*, 26(1), pp.14-22.
- Sastranegara, M.H. & Marhaeni, B. 2005. *Penebangan Mangrove di Segara Anakan Cilacap*. Purwokerto: Universitas Jenderal Soedirman.
- Sastranegara, M.H. & Rosyadi, S. 2003. *Constraints to Silvofishery in Segara-Anakan Cilacap, Central Java, Indonesia*. Göttingen: Cuvillier.
- Sastranegara, M.H. & Winarni, E.T. 2009. *Dampak Kerusakan Hutan Bakau Terhadap Komunitas Krustasea yang Dapat Dimakan di Segara Anakan Cilacap*. Purwokerto: Universitas Jenderal Soedirman.
- Sastranegara, M.H., Yuwono, E. & Sukardi, P. 2007. *Illegal Logging of Mangroves in Segara Anakan Cilacap: A Conservation Constraint*. Purwokerto: Research Institute The University of Jenderal Soedirman.
- Sathicq, M.B., Bauer, D.E. & Gómez, N. 2015. Influence of El Niño Soethern Oscillation Phenomenon on Coastal Phytoplankton in Mixohaline Ecosystem on The Southeastern of South America: Río de la Plata Estuary. *Marine Pollution Bulletin*. xxx, xxx-xxx.
- Sheldon, J.E. & Alber, M. 2011. Recommended Indicators of Estuarine Water Quality for Georgia. In: *Proceedings of the 2011 Georgia Water Resources Conference*. 2011 April 11-13, Department of Marine Sciences, University of Georgia, Georgia.
- Simanjuntak, M. 2007. Oksigen terlarut dan Apparent Oxygen Utilization di Perairan Teluk Klabat, Pulau Bangka. *Ilmu Kelautan*, 12(2), pp.59-66.
- Sosrodarsono, S. & Takeda, K. 2003. *Hidrologi untuk Pengairan*. Jakarta: PT Pradnya Paramita.
- Supriatin, L.S. & Martono. 2016. Dampak Perubahan Iklim (El Niño, La Niña, Tinggi Muka Laut) pada Perikanan Tambak di Pesisir Cilacap. In: *Seminar Nasional Peran Geospasial dalam Membingkai NKRI*, pp.165-172.
- Suryanti, E., Melani, W.R. & Apriadi, T. 2016. *Keragaman Fitoplankton sebagai Indikator Kualitas Perairan Kampung Gisi, Kecamatan Teluk Bintan, Kabupaten Bintan*. Bintan: Universitas Maritim Raja Ali Haji.
- Suthers, I.M. & Rissik, D. 2009. *A Guide to Their Ecology and Monitoring for Water Quality*. Australia: CSIRO.
- Sutomo, H. 1982. Tidal Characteristics and Sedimentology of The Segara Anakan. In: *Workshop on Coastal Resources Management in Cilacap Region*, 20-24 August 1980. Yogyakarta: Gadjah Mada University.

- Tattery, A.O., Fu, F.X. & Hutchins, D.A. 2012. High CO₂ and Silicate Limitation Synergistically Increase the Toxicity of *Pseudo-nitzschia fraudulenta*. *PLoS ONE*, 7(2), pp.1-7.
- Tebbut, T.H.Y. 1998. *Principles of Water Quality Control 5th Edition*. Butterworth-Heinemann.
- Thomas, W.H., Hollibaugh, J.T., Seibert, D.L.R. & Wallace, G.T. 1980. Toxicity of a Mixture of Ten Metals to Phytoplankton. *Marine Ecology Progress Series*, 2, pp.213-220.
- Triatmodjo, B. 2008. *Hidrologi Terapan*. Yogyakarta: Beta Offset.
- Van der Westhuizen, A.J. & Eloff, J.N. 1983. Effect of Culture Age and pH of Culture Medium on the Growth and Toxicity of the Blue-green Alga *Microcystis aeruginosa*. *Zeitschrift für Pflanzenphysiologie*, 110(2), pp.157-163.
- Weiss, W.R. & Phillips, T.D. 1985. *The Merophytoplankton of Tampa Bay*. Florida: Bellwether.
- Wetzel, R.G. & Likens, G. 2000. *Limnological Analyses*. New York: Springer.
- White, A.T., Martosubroto, P. & Sadorra, M.S.M. 1989. *The Coastal Environmental Profile of Segara Anakan-Cilacap, South Java, Indonesia*. Manila: International Center for Living Aquatic Resources Management on behalf of the Association of Southeast Asian Nations United States Coastal Resources Management Project.
- Wurts, W.A. & Durborow, R.M. 1992. Interactions of pH, Carbon Dioxide, Alkalinity and Hardness in Fish Ponds. *Southern Regional Aquaculture Center*, pp.1-4.
- Yamaji, I. 1966. *Illustration of The Marine Phytoplankton of Japan*. Osaka: Hoikusha.
- Yoneda, Y. 1939. Studies on The Thermal Algae of Hokkaido. *The Japanese Society for Plant Systematics*, VIII, pp.148-163.
- Yuwono, E., Jennerjahn, T.C., Nordhaus, I., Ardli, E.R., Sastranegara, M.H., Pribadi, R. 2007. Ecological Status of Segara Anakan, Indonesia: A Mangrove-fringed Lagoon Affected by Human Activities. *Asian Journal of Water, Environment and Pollution*, 4(1), pp.61-70.