

DAFTAR PUSTAKA

- Agusnar, H. 2007. *Kimia Lingkungan*. USU Press. Medan.
- AlgaBase. 2020. *AlgaBase: Listing The World's Alga*. Diakses dari www.algabase.org.
- Alkawri1, A., M. Al Areeki1 & K. Alsharaby. 2016. The first recorded bloom of *Protoperoedinium quinquecorne* and its link to a massive fish kill in Yemeni coastal waters, Southern Red Sea. *Plankton Benthos Research*. Vol. 11(2): 75–78.
- Anderson, D. M., P. M. Glibert dan J. M. Burkholder. 2002. Harmful algal blooms and eutrophication: nutrient sources, composition, and consequences. *Estuaries*. 25 (4): 704–726.
- American Public Health Association. 1989. *Standard Method for the Examination of Water and Waste Water*. American Public Health Association. Water Pollution Control Federation. Port City Press. Baltimore, Mariland.
- Arinardi,O.H.1997. Kisaran Kelimpahan dan Komposisi Plankton Predominan Di Perairan Kawasan Timur Indonesia. Penelitian dan Pengembangan Oseanologi- Lembaga Ilmu Pengetahuan Indonesia. Jakarta
- Ati, R.N.H. dan A. Rustam. 2007. Pengamatan kondisi perairan Teluk Bungus. *Jurnal Segara*. Vol. 3(1): 21-27
- BAPEDALDA. 2007. *Kumpulan Data Status Lingkungan Hidup Daerah Kota Padang*.
- Barus, I.T.A. 2002. *Pengantar Limnologi*. USU Press. Medan.
- Basmi, J. 1999. *Planktonologi : Bioekologi Plankton Alga*. Fakultas Perikanan dan Ilmu Kelautan. IPB. Bogor.
- Bates S. S., A. S. W. de Freitas, J. E Milley, R. Pocklington, M. A Quilliam, J. G Smith, J. Worms. 1991. Controls on domoic acid production by the diatom *Nitzschia pungens* f. multiseries in culture: nutrients and irradiance. *Can J Fish Aquat Sci*. 48: 1136–1144.
- Baula, I. U., R. V. Azanza, Y. Fukuyo, dan F. P. Siringan. 2011. Dinoflagellate cyst composition, abundance and horizontal distribution in Bolinao, Pangasinan, Northern Philippines. *Harmful Algae* 11: 33-44.
- Berdalet, E., L. E. Fleming, R. Gowen, K. Davidson, P. Hess, L.C. Backer, S.K. Moore, P. Hoagland dan H. Enevoldsen. 2016. Marine harmful algal blooms,

human health and wellbeing: challenges and opportunities in the 21st century. *Journal of the Marine Biological Association of the United Kingdom*. Vol 96(1): 61-91.

BMKG. Data online Pusat Database BMKG.
https://dataonline.bmkg.go.id/akses_data [Akses tanggal 29 Agustus 2021]

Bold, H. C. dan M. J. Wynne. 1985. *Introduction to The Alga. Second Edition*. Prentice Hall, Inc. Englewood Cliff. New Jersey.

Burkholder, J. M. 1998. Implications of harmful microalga and heterotrophic dinoflagellates in management of sustainable marine fisheries. *Ecological applications*. 8:37-62.

Choirun, A., S. H. J. Sari dan F. Iranawati. 2015. Identifikasi fitoplankton spesies *harmfull algae bloom* (HAB) saat kondisi pasang di Perairan Pesisir Brondong, Lamongan, Jawa Timur. *Torani (Jurnal Ilmu Kelautan dan Perikanan)*. Vol. 25(2): 58-66.

Cruz, A.A dan Y.B. Okolodkov. 2016. Impact of increasing water temperature on growth, photosynthetic efficiency, nutrient consumption, and potential toxicity of *Amphidinium cf. carterae* and *Coolia monotis* (Dinoflagellata). *Revista de Biología Marina y Oceanografía*. Vol. 51 (3) : 565-580

Damar, A., F. Colijnz, K.J. Hesse, and Y. Wardiatno. 2012. The eutrophication states of Jakarta, Lampung and Semangka Bays: Nutrien and phytoplankton dynamics in Indonesian tropical waters. *J. of Tropical Biologi and Conservation*. 9(1):61-81.

Dwivayana, T.M.S., Thamrin dan Efriyeldi. 2015. Analisis Kelimpahan Dinoflagellata Bentik pada Substrat Buatan di Perairan Kota Padang Sumatera Barat. *Jurnal Ilmu Lingkungan*. Vol 9 (2): 122-230.

Effendi, H. 2003. *Telaah Kualitas Air Bagi Pengelolaan Sumberdaya dan Lingkungan Perairan*. Kanisius. Yogyakarta.

Elbrächter M, dan Qi Y .1998. Aspects of *Noctiluca* (Dinophyceae) population dynamics. p. 315–336. In *Physiological Ecology of Harmful Algal Blooms* (eds. Anderson DM, Cembella AD, Hallegraeff GM). Springer, Berlin.

Evangelista, V. 2008. *Algal toxins: nature, occurrence, effect, and detection*. Springer Science & Business Media. 397p

Febriandi, D. Lanin, D. Hermon, S. Fatimah, Triyatno dan A. Putra. 2019. A Dynamics Condition of Coastal Environment in Padang CityIndonesia. *IOP Conference Series: Earth and Environmental Science*. 314(1)

- Fitra, F., I. J. Zakaria dan Syamsuardi. 2013. Produktivitas primer fitoplankton di Teluk Bungus. *Jurnal Biologika*. Vol 2 (1): 59-66
- Fitriani, L. 2004. Kajian Pengembangan Ekowisata Pulau-Pulau Kawasan Bungus Teluk Kabung Kota Padang. [Tesis]. Institut Pertanian Bogor. Bogor.
- Fu F. X., A. O. Tatters, dan D. A Hutchins. 2012. Global change and the future of harmful algal blooms in the ocean. *Marine Ecology Progress Series*. 470, 207–233.
- GEOHAB. 2001. *Global ecology and oceanography of harmful algal blooms science plan*. SCOR & IOC, Paris: 84.
- Gistrong.wordpress. Ada apa dengan Teluk akarta? [internet]. 03 Desember 2015, [diakses 04 Januari 2022]. Tersedia dari <https://gistrong.wordpress.com/2015/12/03/ada-apa-dengan-teluk-jakarta/>
- Glibert, P. M., D.M. Anderson, P. Gentien, E. Graneli, dan K. G. Sellner. 2005. The global, complex phenomena of harmful algal blooms. *Oceanography*. 18(2):137-147.
- Goldman, C. R. and A. J. Horne. 1983. *Limnology*. McGraw Hill International Book Company. Tokyo.
- Gul, S. and M.F. Nawaz. 2014. The Dino flagellate Genera *Protoperidinium* and *Podolampas* from Pakistan's Shelf and Deep Sea Vicinity (North Arabian Sea). *Turkish J. of Fisheries and Aquatic Sciences*, 14(1):91-100
- Hallegraeff, G.M. 1993. A review of harmful algal blooms and their apparent global increase. *Phycologia*. Vol 32(2): 79-99.
- Harrison, P., K. Furuya, P. Glibert, J. Xu, H. Liu, K. Yin, J. Lee, D. Anderson, R. Gowen, and A. Al-Azri. 2011. Geographical distribution of red and green *Noctiluca scintillans*. *Chinese J. of Oceanology and Limnology*. Vol. 29 (4): 807-831.
- Hartoko, A. 2013. *Oceanographic Characters and Plankton Resources of Indonesia*. Graha Ilmu. Yogyakarta.
- Hinder, S. L., G.C. Hays, M. Edwards, E.C. Roberts, A.W. Walne dan M.B. Gravenor. 2012. Changes in marine dinoflagellate and diatom abundance under climate change. *Nature Climate Change*. Vol 2: 271-275.
- Hoppenrath, M. dan J. F. Saldarriaga. 2012. *Dinoflagellates*. <http://tolweb.org/Dinoflagellates/2445/2012.12.15> in The Tree of Life Web Project, <http://tolweb.org/>

- Horner, R. A. 2002. *A Taxonomic Guide to Some Common Phytoplankton*. Biopress Limited, Dorset Press, Dorchester, UK. 200.
- Horstmann, U. 1980. Observations on the peculiar diurnal migration of a red tide Dinophyceae in tropical shallow waters. *J. Phycol* 16: 481–485.
- Hunter, R.W.D. 1970. *Aquatic Productivity: An Introduction to some Basic Concepts of Biological Oceanography and Limnology*. Mc Millan Publ. Inc, New York.
- Lizárraga, I. G., C. J. B. Schmidt, D. J. L. Cortés, dan M. del S. M. Gómez. 2009. Bloom of *Scrippsiella trochoidea* (Gonyaulacaceae) in a shrimp pond in the southwestern Gulf of California, Mexico. *Marine Pollution Bulletin* 58: 145-149.
- Lovejoy, C. 2019. *Plankton of the Open Arctic Ocean*. Institute of Biology and Integrated Systems (IBIS), Laval University, Québec, QC, Canada.
- MarineSpecies. 2020. *World Register of Marine Species*. Diakses dari www.marinespecies.org
- McGillicuddy Jr. D. J., M. L. Brosnahan, D. A. Couture, R. He, B. Keafer, J. P Manning, J. L. Martin, C. H. Pilskaln, D. W. Townsend, and D. M. Anderson. 2014. A red tide of *Alexandrium fundyense* in the Gulf of Maine. Deep Sea Research Part II: *Topical Studies in Oceanography*, 103:174-184.
- Merina, G. 2016. Komunitas fitoplankton dan kaitannya terhadap produktifitas primer serta serapan karbon dioksida di perairan Pesisir Sumatera Barat. *Tesis*. Universitas Andalas.
- Michael, P. 1984. *Ecological Methods for Field and Laboratory Investigation*. Tata McGraw-Hill Publishing Company Limited. New Delhi.
- Millero, F. J. dan M. L. Sohn. 1991. *Chemical Oceanography*. CRC Press. Boca Raton. Florida.
- Mujib, A.S., A. Damar dan Y. Wardiatno. 2015. Distribusi spasial Dinoflagellata planktonik di Perairan Makasar. *Jurnal Ilmu dan Teknologi Kelautan Tropis*. 7 (2) : 479-492.
- Musa, 1992. Pola Distribusi Fosfor Terlarut (Ortofosfat) Sebagai Penentu di Perairan Waduk Selojero. *Jurnal Ilmu-ilmu Perikanan dan Budidaya Perairan*. Vol. 4(2):43-45
- Nontji, A. 1993. *Laut Nusantara*. Djambatan. Jakarta.
- Nybakken, J.W. 1992. *Biologi Laut Suatu Pendekatan Ekologi*. Gramedia. Jakarta.

- Odum, E.P. 1971. *Fundamentals Of Ecology*. 3rd edition. W. B. Sounders Co. Philadephia.
- Paerl H. W. dan J. T. Scott. 2010. Throwing fuel on the fire:synergistic effects of excessive nitrogen inputs and global Warming on Harmful Algal Blooms. *Environ Sci Technol*. 44: 7756–7758
- Pasang Laut. Tabel pasang surut air laut. <https://pasanglaut.com/as/west-indonesia/padang>. [Akses tanggal 29 Agustus 2021]
- Pielou, M. 1997. *Mathematical Ecology*. John Wiley & Sons. Toronto.
- Prarikeslan W., N. Syah, E. Barlian, Y. Suasti, A. Putra. 2020. A potential locations of marine tourism in Pasumpahan Island, Padang City – Indonesia. *International Journal of GEOMATE*. Vol.19 (72): 123-130.
- Praseno, D. P. dan Q. Adnan. 1978. *Noctiluca miliaris suriray* Perairan Teluk Jakarta. *Oseanologi di Indonesia*. 11: 1-25
- Praseno,D.P dan Sugestiningsih 2000. Retaaid Di Perairan Indonesia. Pusat Penelitian dan Pengembangan Oseanologi-Lembaga Ilmu Pengatahanan Indonesia. Jakarta
- Putra A., T. A. Tanto, W. S. Pranowo, Ilham, H. Damanhuri, Y. Suasti dan Triyatno. Suitability of coastal ecotourism in Padang City-West Sumatera: case study of beach recreation and mangrove. *Jurnal Segara*. Vol 14 (2): 87-94.
- Rakyatsumbar.id. Dalang Dibalik Hijaunya Laut Padang [internet]. 23 Desember 2019, [diakses 08 November 2021]. Tersedia dari <https://rakyatsumbar.id/dalang-dibalik-hijaunya-laut-padang/>
- Redden, A. M., T. Kobayashi, I. M. Suthers, L. C. Bowling, D. Rissik dan G. Newton. 2009. Plankton processes and the environment, [in:] Plankton. A guide to their ecology and monitoring for water quality, I. M. Suthers & D. Rissik (eds.), CSIRO Pub., Collingwood, 15–38.
- Rumanti, M., S. RUDIYANTI, dan M. N. Suparjo. 2014. Hubungan Antara Kandungan Nitrat dan Fosfat dengan Kelimpahan Fitoplankton di Sungai Bremi 43 Kabupaten Pekalongan. *Diponegoro Journal of Maquares*. Vol 3 (1) : 168- 176.
- Russi, D., Pantzar, M., Kettunen, M., Gitti, G., Mutafoglu, K., Kotulak, M. & Patrick ten Brink. 2016. *Socio Economic Benefits of the EU Marine Protected Areas*. Institute for European Environmental Policy - DG Environment.
- Saito H., K. Furuya dan T. Lirdwitayaprasit. 2006. Photoautotrophic growth of *Noctiluca scintillans* with the endosymbiont *Pedinomonas noctilucae*. *Plankton Benthos Res*. 1: 97–101

- Sari, S.M., N. Effendi, dan A. Saptomo. 2017. Utilization Rights of Sikuai Island and Pasumpahan Island, West Sumatra: Study on Implementation of Community-Based Property Rights of the Local Community of Sungai Pisang Village. *Redefining Diversity and Dynamics of Natural Resources Management in Asia*. Vol. 4: 61-80.
- Sediadi, A. 1999. Ekologi Dinoflagellata. *Oseana*. Vol. 24(4): 21-30.
- Shears, N. T dan P. M. Ross. 2009. Blooms of benthic dinoflagellates of the genus *Ostreopsis*; an increasing and ecologically important phenomenon on temperate reefs in New Zealand and worldwide. *Harmful Alga*. Vol. 8: 916–925.
- Simanjuntak, M. 2009. Hubungan Faktor Lingkungan Kimia, Fisika terhadap Distribusi Plankton di Perairan Belitung Timur, Bangka Belitung. *Jurnal Perikanan*. Vol. 9(1): 31-45.
- Smayda T. J. 1997. Harmful algal blooms:their ecophysiology and general relevance to phytoplankton blooms in the sea. *Limnol Oceanogr*. 42: 1137–1153.
- Souza, C. A. de, D. Varela, F. Navarrete, P. Fernandez dan P. Leal. 2008. Distribution, abundance and diversity of modern dinoflagellate cyst assemblages from southern Chile (43–54°S). *Botanica Marina* 51: 399–410.
- Sriwoon, R., P. Pholpunthin, T. Lirdwitayaprasit, M. Kishino dan K. Furuya, 2008. Population dynamics of green *Noctiluca scintillans* (dinophyceae) associated with the monsoon cycle in the upper Gulf of Thailand. *J. Phicol*, 44. 605-615
- Suin, N. M. 2002. *Metode Ekologi*. Andalas University Press. Padang
- Sulastri. 2018. *Korelasi Parameter Fisika –Kimia dengan kandungan klorofil dan biomassa*. LIPI Press. Jakarta.
- Tanto, T. A., A. Putra, dan F. Yulianda. 2017. Kesesuaian ekowisata di Pulau Pasumpahan, Kota Padang. *Majalah Ilmiah Globē*. Vol. 19 (2): 135-146.
- Tanto, T. A., A. Putra, S. Husrin, K. Ondara dan Ilham. 2018. Kajian kesesuaian dan daya dukung Pulau Sirandah untuk mendukung wisata kepulauan di Kota Padang. *Jurnal Kelautan Nasional*. Vol. 13(1): Hal. 1-13
- Turkoglu, M. 2013. Red tides of the dinoflagellate *Noctiluca scintillans* associated with eutrophication in the Sea of Marmara (the Dardanelles, Turkey). *Oceanologia*. 55 (3): 709-732.
- Wang, Z. H., Y. Z. Qi dan Y. F. Yang. 2007. Cyst formation: an important mechanism for the termination of *Scrippsiella trochoidea* (Dinophyceae) bloom. *Journal of Plankton Research*. 29(2): 209-218.

- Wardiatno, Y., A. Damar, and B. Sumartono. 2013. A short review on the recent problem of red tide in Jakarta Bay: effect of red tide on fish and human. *J. Ilmu-ilmu Perairan dan Perikanan Indonesia*. Vol. 11(1):67-71.
- Wardoyo, S. 1989. *Kriteria Kualitas air untuk Keperluan Pertanian dan perikanan*. Fakultas Perikanan dan Pusat Studi Pengelolaan Sumberdaya dan Lingkungan. Insitut Pertanian Bogor. Bogor.
- Wetzel, R. G. and G. E Likens. 1990. *Limnological Analysis, Second Edition*. Springer-Verlag. New York
- Wetzel, R.G. 2001. *Limnology Lake and River Ecosystems*.3rd edition. Academic Press. California.
- Wiadnyana, N. N. 1996. Mikroalga berbahaya di perairan Indonesia. *Oseanologi dan Limnologi*. 26: 15-28.
- Yamaji, I. 1980. *Illustrations of The Marine Plankton of Japan*. Hoikusha Publishing Co. LTD. Osaka, Japan.
- Yulius. 2009. Kajian Pendahuluan Pengembangan Wisata Pantai Kategori Rekreasi di Teluk Bungus Kota Padang, Provinsi Sumatera Barat. *Jurnal Segara*. Vol. 5(1):15-23.
- Yulius, T. A. Tanto, M. Ramdhan, A. Putra dan H.L. Salim. 2014. Perubahan Tutupan Lahan di Pesisir Bungus Teluk Kabung, Sumatera Barat Tahun 2003-2013 Menggunakan Sistem Informasi Geografis. *Jurnal Ilmu dan Teknologi Kelautan Tropis*. Vol. 6(2): 311-318.
- Zakaria, I. J., A. Yanti, A. Arbain dan Chairul. 2016. Study of Dinoflagellate Species in the Waters of Bayur Gulf and Bungus Gulf, Padang City, West Sumatera, Indonesia: Diversity and Morphological Variations. *Asian Journal of Applied Sciences*. Vol. 4 (4): 906-919.