

DAFTAR PUSTAKA

- Ahmad, A. R. (2021). *Pengembangan Kawasan Hutan Mangrove "Jembatan Merah" di Desa Pasarbanggi, Rembang Sebagai Desa Ekowisata*. Surakarta: Universitas Muhammadiyah Surakarta Press.
- Al Falah, M., Soeprbowati, T., Hadiyanto, Rahim, A., Noor, B., & Permatasari, N. (2023). Diatom Stratigraphy as a Flood Record in the Lower Tuntang River, Demak, Central Java. *Evergreen*, 272-282.
- Al-Handal, A., & Wulff, A. (2008). Marine epiphytic diatoms from the shallow sublittoral zone in Potter Cove, King George Island, Antarctica.
- Ali, A., Soemarno, & Purnomo, M. (2013). Kajian Kualitas Air Dan Status Mutu Air Sungai Metro Di Kecamatan Sukun Kota Malang. *Bumi Lestari*, 265–274.
- Ananingtyas, Y., Hendrawan, I., & Suteja, Y. (2018). Diatom Epipelik sebagai Bioindikator Pencemaran di Estuari Suwung. *Journal of Marine and Aquatic Sciences* 4(1), 120-128.
- Armbrust, E. (2009). The life of diatoms in the world's oceans. *Nature*, 185–192.
- Asdak, C. (1995). *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta: Penerbit Gadjah Mada University Press.
- Aumeier, C., & Menzel, D. (2012). Secretion in the Diatoms.
- Behrenfeld, M., Halsey, K., Boss, E., Karp-Boss, L., Milligan, A., & Peers, G. (2021). Thoughts on the evolution and ecological niche of diatoms. *Ecological Monographs*, 91 (3).
- Bella, D., Puccinelli, C., Marcheggiani, S., & Mancini, L. (2007). Benthic diatom communities and their relationship to water chemistry in wetlands of central Italy. *International journal of Limnology*, 89-99.
- Bere, T. (2014). Ecological references of benthic diatoms in a tropical river system in Sao Carlos-SP Brazil. *Tropical Ecology*.
- Bhosleac, N., Evansad, L., & Edyveanb, R. (1993). Carbohydrate production by *Amphora coffeaeformis*, a marine fouling diatom. *Biofouling*, 81-91.

- Cetin, A. K. (2008). Epilithic, Epipellic, and Epiphytic Diatoms in The Goksu Stream : Community Relationships and Habitat Preferences. *Journal of Freshwater Ecology*.
- Cox, E. (2011). Morphology, Cell Wall, Cytology, Ultrastructure and Morphogenetic Studies. In J. Seckbach, & P. Kociolek, *The Diatom World*. Dordrecht: Springer.
- Effendi, H. (2003). *Telaah Kualitas Air*. Yogyakarta: Kanisius.
- González-Paz, L., Delgado, C., & Pardo, I. (2020). Understanding divergences between ecological status classification systems based on diatoms. *Science of the Total Environment*.
- Graham, L., Graham, J., & Wilcox, L. (2009). *Algae*. San Francisco: Benjamin Cummings .
- Hang, H., Quynh, L., & Thuy, D. (2017). Diatom composition in the red river near Son Tay, Ha Noi, Vietnam. *Vietnam J. Sci. Technol*, 90–96.
- Hartley, B. (1996). *An Atlas of British Diatoms*. Bristol: Biopress Ltd.
- Heramza, K., Choukri, B., Aicha, D., Khati, W., & Boualag, C. (2021). Environmental parameters and diversity of diatoms in the Ain Dalia dam, Northeast of Algeria. *Biodiversitas Journal of Biological Diversity*.
- Heramza, K., Choukri, B., Aicha, D., Khati, W., & Boualag, C. (2021). Environmental parameters and diversity of diatoms in the Ain Dalia dam, Northeast of Algeria. *Biodiversitas Journal of Biological Biodiversity*.
- Hulopi, M. (2016). Komposisi dan Kelimpahan Mikroalga Epifit pada Daun Lamun Enhalus acoroides di Perairan Pantai Negeri Waai Kabupaten Maluku Tengah. *Triton*, 73-79.
- Ismaini, L., Masfiro, L., Rustandi, & Dadang, S. (2015). Analisis komposisi dan keanekaragaman tumbuhan di Gunung Dempo, Sumatera Selatan. *Pros Sem Nas Masy Biodiv Indo*, 1397-1402.
- Ivarsson, L. (2011). *Cyclostephanos dubius*. Retrieved from Diatoms of North America: https://diatoms.org/species/cyclostephanos_dubius
- Kashima, K. (2008). *An Application of Diatom Analysis for Environmental Monitoring at Mangrove and Lagoon Areas in South-EastAsia*. Japan: Department of Earth and Planetary Sciences, Kyushu University.

- Kasim, M. (2008). *Mengenal Diatom*.
- Kasim, M., & Mukai, H. (2006). Contribution of benthic and epiphytic diatoms to calm and oyster production in the Akkeshi-ko estuary. *Journal of Oceanography*, 267–281.
- Kasim, M., Winesti, A., Nurgayah, W., Balubi, A., & Jalil, W. (2022). Ecological Studies of Epiphytic Diatom on *Eucheuma denticulatum* (Rhodophyta) thallus Cultivated in Horizontal Floating Cage. *Hayati Journal of Biosciences* 29 (5), 597-604.
- Kementrian Lingkungan Hidup dan Kehutanan. (2021). *Peta Mangrove Nasional*. Jakarta: Kementrian Lingkungan Hidup dan Kehutanan.
- Kociolek, P. (2011). *Navicula salinarum*. Retrieved from Diatoms of North America: https://diatoms.org/species/navicula_salinarum
- Kusuma, I. F. (2017). *Evaluasi Kesesuaian Ekologis Mangrove Untuk Ekowisata Dan Silvofishery di Desa Pasar Banggi, Rembang, Jawa Tengah*. Yogyakarta: UGM.
- Laugaste, R., & Reunanen, M. (2005). The composition and density of epiphyton on some macrophyte species in the partly meromictic lake Verevi. *Hydrobiologia* 547 (1), 137-150.
- Letáková, M., Fránková, M., & Poulíčková, A. (2018). Ecology and applications of freshwater epiphytic diatoms. *Cryptogamie, Algologie* 39 (1), 3-22.
- Lowe, R., & Kheiri, S. (2015). *Stephanocyclus meneghinianus*. Retrieved from Diatoms of North America: https://diatoms.org/species/stephanocyclus_meneghinianus
- MacIntyre, H., Geider, R., & Miller, D. (1996). Microphytobenthos: the ecological role of the “secret garden” of unvegetated, shallow-water marine habitats. I. Distribution, abundance and primary production. *Estuaries* 19, 186–201.
- Majewska, R., Convey, P., & de Stefano, M. (2016). Summer epiphytic diatoms from Terra Nova Bay and Cape Evans (Ross Sea, Antarctica)-a synthesis and final conclusions. *PloS One* .
- McCormick, P., & Stevenson, R. (1998). Periphyton as a tool for ecological assessment and management in the Florida Everglades. *J. Phycol* 34 (5), 726-733.

- Meirinawati, H., & Iskandar, M. (2019). Karakter Fisika dan Kimia Perairan di Laut Jawa - Ambang Dekawang. *Oseanologi dan Limnologi Indonesia*, 41-52.
- Miththapala, S. (2008). *Mangroves*. Colombo, Sri Lanka: Ecosystems and Livelihoods Group Asia, IUCN.
- Mosisch, T., Bunn, S., & Davies, P. (2001). The relative importance of shading and nutrients on algal production in subtropical streams. *Freshwater biology*, 1269-1278.
- Mustari, M., Farhan, M., Mufadhhal, Roslainy, & Taib, E. (2023). Uji Kualitas Air Sungai Di Lhok Kuala Kecamatan Tangse Kabupaten Pidie Sebagai Referensi Mata Kuliah Ekologi Dan Problematika Lingkungan. *Prosiding Seminar Nasional Biotik XI Volume 11 No 1*.
- Nagelkerken, I., Blamagber, S., Buillon, S., Green, P., Haywood, M., & Kirtoon, L. (2008). The habitat function of mangroves for terrestrial and marine fauna: A Review. *Aquatic Botany*, 155-185.
- Nontji, A. (2002). *Laut Nusantara*. Jakarta: Penerbit Djambatan.
- Nontji, A. (2008). *Plankton Laut*. Jakarta: LIPI Press.
- Novitri, A., Sofyan H., S., & Thamrin. (2016). The Variant of Type and Abundance of Epiphelic Diatoms on Sand Substrate in Bungus Coastal Teluk Kabung West Sumatera. *Jurnal Online Mahasiswa Fakultas Perikanan dan Ilmu Kelautan Universitas Riau*, 1-10.
- Odum, E. P. (1998). *Dasar-dasar Ekologi (Fundamentals of Ecology) Diterjemahkan oleh Tj. Samingan*. Yogyakarta: Gajah Mada University Press.
- Patty, S. I. (2013). Distribusi Suhu, Salinitas dan Oksigen Terlarut di Perairan Kema, Sulawesi Utara. *Jurnal Ilmiah Platax 1(3)*.
- Pettit, N., Ward, D., Adame, M., Valdez, D., & Bunn, S. (2016). Influence of aquatic plant architecture on epiphyton biomass on a tropical river floodplain. *Aquatic botany 129*, 35-43.
- Puryono. (2018). *Pelestarian Hutan Mangrove dan Peran Serta Masyarakat Pesisir*. Semarang: Undip Press.
- Round, F., Crawford, R., & Mann, D. (1990). *Diatoms: biology and morphology of the genera*. Cambridge University Press.

- Santoso, N. (2000). *Pola Pengawasan Ekosistem Mangrove. Makalah disampaikan pada Lokakarya Nasional Pengembangan Sistem Pengawasan Ekosistem Laut Tahun 2000*. Jakarta.
- Sari, M., Purnomo, P., & Haerudin, H. (2016). Analisis Kebutuhan Oksigen Untuk Dekomposisi Bahan Organik Sedimen Di Kawasan Mangrove Desa Bedono Demak. *Management of Aquatic Resources*, 285-292.
- Schaduw, J. N. (2018). Distribusi Dan Karakteristik Kualitas Perairan Ekosistem Mangrove Pulau Kecil Taman Nasional Bunaken. *Majalah Geografi Indonesia*, 40-49.
- Seckbach, J., & Kociolek, P. (2011). *The diatom world (Vol. 19)*. Springer Science & Business Media.
- Setyowati, R. (2015). Status Kualitas Air Das Cisanggarung, Jawa Barat. *Al-Ard: Jurnal Teknik Lingkungan*, 37–45.
- Siagian, M. (2004). *Diktat Kuliah dan Penuntun Praktikum Ekologi Perairan (Aquatic Ecology)*. Pekanbaru: Fakultas Perikanan dan Ilmu Kelautan Universitas Riau.
- Sihotang. (2006). *Manajemen Sumber Daya Manusia*. Jakarta: Pustaka Sains dan Teknologi Pradnya Paramita.
- Siregar, S., & Telaumbanua, K. (2010). Variasi Diatom Epifitik (Bacillariophyceae) Pada Batang Dan Pneumatophore Bakau *Avicennia* Sp. Di Kawasan Pelabuhan Tanjung Buton, Provinsi Riau. *Ilmu Lingkungan*.
- Smith, K., Ropp, A., & Atchia, I. (2020). *Tryblionella granulata*. Retrieved from Diatoms of North America: https://diatoms.org/species/tryblionella_granulata
- Soeprbowati, T. R. (2005). Komunitas diatom epipelik tidak semuanya epipelik sejati. *Bioma*, 4-50.
- Soeprbowati, T. R., Purnaweni, H., & Sudarno. (2020). Pengelolaan Ekosistem Mangrove Desa Pasarbanggi Rembang Menuju Desa Ekowisata. *Seminar Nasional Pengabdian Kepada Masyarakat UNDIP* .
- Soeprbowati, T. R., Purnaweni, H., Sudarno, & Sularto, R. B. (2021). Peningkatan Pemahaman Budidaya Mangrove Bagi Kelompok Tani Sido Dadi Maju

- Desa Pasarbanggi Rembang Menuju Desa Ekowisata. *Jurnal Pengabdian Kepada Masyarakat*.
- Soeprbowati, T., & Suedy, S. (2010). Komunitas Diatom Pada Ekosistem Mangrove Pantai Utara Jawa Tengah. *Jurnal Sains dan Matematika*, 94-102.
- Soeprbowati, T., Jafron, W., & Karyadi, B. (2011). Diatom epipelik sebagai bioindicator kualitas perairan danau rawa pening. *Jurnal Sains dan Matematika*, 107-118.
- Soeprbowati, T., Suedy, S., & Gell, P. (2012). Diatom Stratigraphy of Mangrove Ecosystems on The Northern Coast of Central Java . *Journal of Coastal Development*, 197-208.
- Spaulding, S. (2011). *Amphora*. Retrieved from Diatoms of North America: <https://diatoms.org/genera/amphora>
- Spaulding, S., Potapova, M., Bishop, I., Lee, S., Gasperak, T., Jovanoska, E., . . . Edlund, M. (2021). Diatoms.org: supporting taxonomists, connecting communities. *Diatom Research*, 291-304.
- Sundra, I. K. (2014). *Penuntun Praktikum Ekologi Tumbuhan*. Denpasar: Universitas Udayana.
- Tiffany, M. A. (2011). Epizoic and epiphytic diatoms in Seckbach and Kociolek. In *The Diatom World* (pp. 195-211). Springer.
- Tokatli, C., & Dayioğlu, H. (2011). The Epilithic Diatoms of Murat Creek (Kütahya). *Journal of Applied Biological Sciences*, 55-60.
- Totti, C., Poulin, M., Romagnoli, T., Perrone, C., Pennesi, C., & de Stefano, M. (2009). Epiphytic diatom communities on intertidal seaweeds from Iceland. *Polar Biology*, 1681–1691.
- Vos, P., & de Wolf, H. (1994). Palaeoenvironmental research on diatoms in early and middle Holocene deposits in central North Holland (The Netherlands). *Netherland Journal of Aquatic Ecology*, 97–115.
- Wehr, J., Sheath, R., & Kociolek, J. (2015). Freshwater algae of North America: ecology and classification. *Elsevier*.
- Witkowski, A., Lange-Bertalot, H., & Metzeltin, D. (2000). Diatom flora of marine coasts. In *Iconographia Diatomologica Annotated Diatom Monographs*.