

DAFTAR PUSTAKA

- Aditya Z. F & Al-Fatih S. (2017). Perlindungan hukum terhadap ikan hiu dan ikan pari untuk menjaga keseimbangan ekosistem laut Indonesia. *Legality*. 24(2): 224-235.
- Ahirwal, S., Pandey, A., Gupta, R., & Vijay, A. (2023). Length–weight relationships and population dynamics of Elasmobranchiis in Indian Coastal waters. *Regional Studies in Marine Science*, 63, 102929. <https://doi.org/10.1016/j.rsma.2023.102929>
- Akhilesh, K. V., Kizhakudan, S. J., Ganga, U., Pillai, N. G. K., Jestin Joy, K. M., & Nair, R. J. (2021). Size at maturity, reproductive biology and diet composition of the giant guitarfish *Glaucostegus typus* (Anonymous, 1801) in the northeastern Indian Ocean. *Marine Biology Research*, 17(3), 242-256.
- Alam, M. J., Rahman, M.A., Pramanik, M.H., Rahman, M.M., & Wahab, M.A. (2020). Length-weight relationships of four small indigenous fish species from a wetland ecosystem in Southwestern Bangladesh. *Journal of Applied Ichthyology*, 36(6), 852-855.
- Alaydrus I. S, Fitriana N, Jamu Y. (2014). Jenis dan status konservasi ikan hiu yang tertangkap di tempat pelelangan ikan (TPI) Labuan Bajo, Manggarai Barat, Flores. *Jurnal Biologi*. 7(2): 83-88.
- Ali, A., Hilmi, A. H., Gambang, A. C., Sade, A., and Razak, S. A. (2017). Elasmobranchii resources, utilization, trade, and management in Malaysia. *Department Southeast Asian Fisheries Development Center*. Malaysia: Marine Fishery Resources Development and Management.
- Andini, A. A., Bambang, A. N., Boesono, H. (2016). Analisis inventarisasi alat tangkap berdasarkan kategori status penangkapan ikan yang bertanggungjawab di PPS Nizam Zachman DKI Jakarta. *Journal of Fisheries Resources Utilization Management and Technology*. 5(4): 177-184.
- Audzijonyte, A., Barneche, D. R., Baudron, A. R., Belmaker, J., Clark, T. D., Marshall, C. T., Morrongiello, J. R., & van Rijn, I. (2019). Is oxygen limitation in warming waters a valid mechanism to explain decreased body sizes in aquatic ectotherms. *Global Ecology and Biogeography*, 28(2), 64-77. <https://doi.org/10.1111/geb.12847>
- Ainsley, S. M., Ebert, D. A., & Cailliet, G. M. (2011). Age, growth, and maturity of the whitebrow skate, *Bathyraja minispinosa*, from the eastern North Pacific. *Environmental Biology of Fishes*, 92(3), 373-385.
- Awruch, C. A., Pankhurst, N. W., Frusher, S. D., & Stevens, J. D. (2008). Endocrine and morphological correlates of reproduction in the draughtboard shark

Cephaloscyllium laticeps (Elasmobranchii: Scyliorhinidae). *Journal of Experimental Zoology Part A*, 309(4), 184-197.

Awruch, C. A., Jones, S. M., Asorey, M. G., & Barnett, A. (2014). Non-lethal assessment of reproductive characteristics for management and conservation of sharks. *Marine Ecology Progress Series*, 496, 181-196. <https://doi.org/10.3354/meps10491>

Başusta, N., Demirhan, S. A., Çiçek, E., & Başusta, A. (2012). Age and growth of the common guitarfish, *Rhinobatos rhinobatos* (Linnaeus, 1758), in Iskenderun Bay (Northeastern Mediterranean). *Journal of the Black Sea/Mediterranean Environment*, 18(2), 149-160.

Bernardo, C., Correia, J. P., Tojeira, I., & Rosa, R. (2020). Novel age estimation approach for tropical sharks and rays through micro-computed tomography imaging of vertebrae. *Marine Ecology Progress Series*, 653, 147-163. <https://doi.org/10.3354/meps13500>

Booth, H., Muttaqin, E., Simeon, B., Ichsan, M., Siregar, U., Yulianto, I., & Kassem, K. (2018). Shark and ray conservation and management in Indonesia: Status and strategic priorities 2018-2023. *Wildlife Conservation Society*. Bogor, Indonesia.

Borges, T. C., Olim, S., & Erzini, K. (2003). Weight-length relationship for fish species discarded in commercial fisheries of the Algarve (southern Portugal). *Journal of Applied Ichthyology*, 19(6), 394-396. <https://doi.org/10.1046/j.1439-0426.2003.00490.x>

Carlson, J. K., & Baremore, I. E. (2019). Growth dynamics of the sandbar shark (*Carcharhinus plumbeus*) in the Western North Atlantic. *Fishery Bulletin*, 117(4), 253-269.

Candramila & Junardi, (2007). Komposisi, keragaman, dan rasio kelamin ikan Elasmobranchii asal sungai kakap di Kalimantan Barat. *Jurnal Biospecies* Vol 1. No 2, hlm 41-46.

Cohen, J. (1988). *Statistical power analysis for the behavioral sciences* (2nd ed.). Lawrence Erlbaum Associates. Hillsdale, New Jersey.

Courtney, Y. (2014). Improving weight-length relationships in fish to provide more accurate bioindicators of ecosystem condition. *Aquatic Science and Technology*, Vol. 2, No. 2.

Damora A, Yuneni RR. (2016). Estimasi pertumbuhan, mortalitas, dan eksploitasi hiu kejen (*Carcharhinus falciformis*) dengan basis pendaratan di Banyuwangi, Jawa Timur. *Prosiding Simposium Hiu dan Pari di Indonesia*, 1-8.

- Derobert A, William, K. (2008). Weight-length relationship in fisheries studies: the standard allometric model should be applied with caution. *Transaction Of the American Fisheries Society*, 137: 707-719.
- Dharmadi, Fahmi, Adrim M. (2007). Distribusi frekuensi panjang, hubungan panjang tubuh, panjang klasper, dan nisbah kelamin cucut lanjaman (*Carcharhinus Falciformis*) *J. Lit. Perikan. Ind.*, Vol.13 No.3 Desember 2007: 243-254.
- Dharmadi, & Fahmi. (2021). Komposisi hasil tangkapan dan aspek biologi ikan pari di Pelabuhan Perikanan Samudera Nizam Zachman, Jakarta. *Jurnal Penelitian Perikanan Indonesia*, 27(2), 97-109. <https://doi.org/10.15578/jppi.27.2.2021.97-109>
- Dharmadi, Fahmi, & Satria, F. (2015). Fisheries management and conservation of sharks in Indonesia. *African Journal of Marine Science*, 37(2), 249-258. <https://doi.org/10.2989/1814232X.2015.1045431>
- Dharmadi, Fahmi, & Satria, F. (2016). Size distribution and length-weight relationship of three Indonesian guitarfish species landed in Tanjung Luar fish market, Lombok (Chondrichthyes: Rhinopristiformes). *Marine Research in Indonesia*, 41(2), 77-85.
- Dharmadi, Fahmi & Wiadnyana N. (2012). Identification of vulnerable species and biological of sharks from the Indian Ocean (SEASTAR2000). *Proceedings of the 7th International Symposium on SEASTAR2000 and Asian Bio-logging Science (The 7th SEASTAR2000 workshop)*:43-47.
- Dharmadi, Fahmi, & White, W. T. (2021). Population dynamics and conservation status of the endangered wedgefish (Rhinidae) in Indonesian Waters. *Biodiversity and Conservation*, 30(4), 969-985. <https://doi.org/10.1007/s10531-021-02125-7>
- Direktorat Jenderal Perikanan Tangkap. (2018). *Data statistik perikanan tangkap menurut provinsi di Indonesia*. Kementerian Kelautan dan Perikanan Republik Indonesia, Jakarta.
- Direktorat Konservasi dan Keanekaragaman Hayati Laut. (2019). Profil perikanan pari liong bun, pari kikir, dan hiu mako di Indonesia. *Kementerian Kelautan dan Perikanan Republik Indonesia, Jakarta*, 38 p.
- Djumadi, P. dan Imaniar, K. (2016). Keragaman jenis ikan hiu yang didaratkan di TPI Bom Kalianda, Lampung Selatan. *Prosiding Simposiun Hiu dan Pari di Indonesia*. Kementerian Kelautan dan Perikanan. Jakarta.
- Dulčić, J., Kraljević, M., Pallaoro, A., & Joksimović, A. (2005). Embryonic and reproductive characteristics of the common stingray, *Dasyatis pastinaca* (L. 1758) (Chondrichthyes: Dasyatidae) in the eastern Adriatic Sea. *Journal of*

Applied Ichthyology, 21(5), 375-379. <https://doi.org/10.1111/j.1439-0426.2005.00649.x>

Dulvy, N. K., Simpfendorfer, C. A., Davidson, L. N. K., Fordham, S. V., Bräutigam, A., Sant, G., & Welch, D. J. (2017). Challenges and priorities in shark and ray conservation. *Current Biology*, 27(11), R565–R572. <https://doi.org/10.1016/j.cub.2017.04.038>

D'Alberto BM, Carlson JK, Pardo SA, Simpfendorfer CA. (2019). Population productivity of shovelnose rays: Inferring the potential for recovery. *PLoS ONE*, 14(11): e0225183. <https://doi.org/10.1371/journal.pone.0225183>

Effendie, M.I. (1997). *Biologi perikanan*. Yayasan Pustaka Nusantara. Yogyakarta

Effendi, M.I. (2002). *Metode biologi perikanan*. Yayasan Dewi Sri Cikuray 46: Bogor.

Effendie, M.I. (2002). *Biologi perikanan*. Yayasan Pustaka Nusantara. Yogyakarta. 163 hlm.

Efendi, H. P., Alkadrie, S. I. T., Dhewi, R. T., & Ricky. (2018). Jejaring pemanfaatan hiu dan pari di Balikpapan. *Prosiding Simposium Nasional Hiu Pari Indonesia Ke-2 Tahun 2018*, 361.

Espinoza, M., Díaz, E., Angulo, A., Hernández, S., & Clarke, T. M. (2018). Maturity assessment of the Pacific guitarfish *Pseudobatos planiceps* (Batoidea: Rhinobatidae) in the Northern Peruvian Coast. *Journal of Fish Biology*, 92(3), 888–905. <https://doi.org/10.1111/jfb.13556>

Espinoza, M., Munroe, S. E., Clarke, T. M., Fisk, A. T., & Wehrtmann, I. S. (2015). Feeding ecology of common demersal Elasmobranch species in the Pacific coast of Costa Rica inferred from stable isotope and stomach content analyses. *Journal of Experimental Marine Biology and Ecology*, 470, 12-25.

Fahmi & Dharmadi. (2013). *Tinjauan status perikanan hiu dan upaya konservasinya di Indonesia*. Direktorat Konservasi Kawasan dan Jenis Ikan Direktorat Jenderal Kelautan, Pesisir dan Pulau-Pulau Kecil. Jakarta. 179 pp.

Fahmi & Dharmadi. (2013). *Tinjauan status perikanan hiu di Indonesia*. Direktorat KKJI, Dirjen KP3K. in press.

Fahmi & Dharmadi. (2013). *Buku saku pengenalan jenis – jenis hiu Indonesia*. Direktorat Jendral Kawasan dan Jenis Ikan, KP3K, KKP. Jakarta.

Fahmi & Sumadhiharga, K. (2022). Biodiversity and conservation of Elasmobranchiis in Indonesian waters: Current status and future direction. *Marine Biodiversity*, 52(1), 1-15. <https://doi.org/10.1007/s12526-021-01235-3>.

- Farrugia, T.J., Espinoza, M., & Lowe, C.G. (2016). Habitat use and movement patterns of the shovelnose guitarfish (*Pseudobatos productus*) in a restored Southern California Estuary. *Marine and Freshwater Research*, 67(10), 1563-1571.
- Fernando, D., & Stewart, J. D. (2021). High bycatch rates of manta and devil rays in the "small-scale" artisanal fisheries of Sri Lanka. *PeerJ*, 9, e11994.
- Finucci, B., Cheok, J., Ebert, D. A., Herman, K., Kyne, P. M., & Dulvy, N. K. (2021). Ghosts of the deep—biological data deficiency in deep-sea rays. *Biological Conservation*, 255, 109013.
- Fowler SL. (2017). *Sharks*. Britania Raya: DK Publishing.
- Francis, M. P., & Duffy, C. (2005). Length at maturity in three pelagic sharks (*Lamna nasus*, *Isurus oxyrinchus*, and *Prionace glauca*) from New Zealand. *Fishery Bulletin*, 103(3), 489-500.
- Fuadi, Z., Dewiyanti, I., dan Purnawan, S. (2016). Hubungan panjang berat ikan yang tertangkap di Krueng Simpoe, Kabupaten Bireun, Aceh. *Jurnal Ilmiah Mahasiswa Kelautan dan Perikanan Unsyiah*. 1(1): 169 – 176.
- Froese, F. (2006). Cube law, condition factor and weight–length relationships: history, meta-analysis and recommendations. *J. Appl. Ichthyol.* 22, 241–253.
- Gayford, J.H., Whitehead, D.A., & Perez-Jimenez, J.C. (2025). Sexual size dimorphism in rays and skates (Elasmobranchii: Batoidea). *Ecology and Evolution*, 15(1), e11858. <https://doi.org/10.1002/ece3.71858>.
- Giles, J.L., Riginos, C., Naylor, G.J.P., Dharmadi, & Ovenden, J.R. (2016). Genetic and phenotypic diversity in the wedgefish *Rhynchobatus australiae*, a threatened ray of high value in the shark fin trade. *Marine Ecology Progress Series*, 548: 165–180, <https://10.3354/meps11617>.
- Gladston, Y. Akhilesh, K. V., Thakurdas, C., Ravi, O. P. K, Ajina, S. M., Shenoy, L. (2018). Length–weight relationship of selected Elasmobranchii species from north-eastern Arabian Sea, India. *Journal of Applied Ichthyology*, 34, 753–757, <https://doi.org/10.1111/jai.13680>.
- Hair, J. F., Ringle, C. M., & Sarstedt, M. (2011). PLS-SEM: Indeed a silver bullet. *Journal of Marketing Theory and Practice*, 19(2), 139-152. <https://doi.org/10.2753/MTP1069-6679190202>
- Hamuna, B., Indrayani, E., dan Panji I. A. L. (2023). Length-weight relationship and condition factors of eight fish species caught by traditional papuan fishers in Youtefa Bay, Indonesia. *European Journal of Ecology*, 9.2, pp. 9-16.

- Hasan Faruque, Rupesh Das. (2024). Size-specific variations in the length-weight relationship and relative condition factor of Hilsa shad (*Tenualosa ilisha*) across its habitats in Bangladesh. *Journal Heliyon*, 10: e33586. <https://doi.org/10.1016/j.heliyon.2024.e33586>.
- Hattori, R. S., Strüssmann, C. A., Fernandino, J. I., & Somoza, G. M. (2020). Genotypic sex determination in teleosts: Insights from the testis-determining amhy gene. *General and Comparative Endocrinology*, 287, 113324. <https://doi.org/10.1016/j.ygcen.2019.113324>.
- Henning, B., Grubbs, R. D., Fangman, K., Shea, C., & Burgess, G. (2022). Reproductive biology of the nurse shark *Ginglymostoma cirratum* in the Florida Keys and Dry Tortugas. *Environmental Biology of Fishes*, 105(4), 567-585.
- Hussey, N. E., McCarthy, I. D., Dudley, S. F. J., & Mann, B. Q. (2009). Nursery grounds, movement patterns and growth rates of dusky sharks, *Carcharhinus obscurus*: a long-term tag and release study in South African waters. *Marine and Freshwater Research*, 60(6), 571-583. <https://doi.org/10.1071/MF08280>
- Hutchinson, M. R., Itano, D. G., Muir, J. A., & Holland, K. N. (2018). Morphometric relationships between fork length and first dorsal fin spine length of the blue shark, *Prionace glauca*, in the central North Pacific Ocean. *Pacific Science*, 72(1), 31-39. <https://doi.org/10.2984/72.1.2>
- Ichsan, M., Simeon, B. M., Muttaqin, E., Ula, S., & Booth, H. (2019). Shark fisheries and trade characteristic in North Maluku, Indonesia. *IOP Conference Series: Earth and Environmental Science*, 348, 012013. <https://doi.org/10.1088/1755-1315/348/1/012013>.
- Jabado, R. W., Kyne, P. M., Pollom, R. A., Ebert, D. A., Simpfendorfer, C. A., Ralph, G. M., & Dulvy, N. K. (2017). The conservation status of sharks, rays, and chimaeras in the Arabian Sea and adjacent waters. *Environment Agency–Abu Dhabi*, Technical Report, 236 pp.
- Jiménez-Alvarado, D., Zanella, I., López-Garro, A., Samour-Nieva, M., & Chaves-Zamora, E. (2024). A decade of submersible observations revealed temporal trends in Elasmobranchiis in a remote island of the Eastern Tropical Pacific Ocean. *Scientific Reports*, 14, 13558. <https://doi.org/10.1038/s41598-024-64352-4>
- Klimley, A.P. (1987). The determinants of sexual segregation in the scalloped hammerhead shark, *Sphyrna lewini*. *Environmental Biology of Fishes*, 18(1), 27-40.
- Koutrakis, E. T., & Tsikliras, A. C. (2003). Length-weight relationships of fishes from three northern Aegean estuarine systems (Greece). *Journal of Applied Ichthyology*, 19(4), 258-260.

- Kyne, P.M. (2019). *Rhynchobatus springeri*. The IUCN Red List of Threatened Species 2019: e.T60182A124448942. DOI: 10.2305/IUCN.UK.2019-2.RLTS.T60182A124448942.en.
- Kyne, P.M., Rigby, C.L., Dharmadi, & Jabado, R.W. (2019). *Rhynchobatus australiae*. The IUCN Red List of Theatened Species 2019: e.T41853A68643043. DOI: 10.2305/IUCN.UK.2019-2.RLTS.T41853A68643043.en
- Lara-Mendoza, R.E., & Márquez-Farías, J.F. (2021). Reproductive strategy of the speckled guitarfish, *Pseudobatos glaucostigmus* (Elasmobranchii: Rhinobatidae), from the South-Eastern Gulf of California, Mexico. *Environmental Biology of Fishes*, 104(10), 1327-1341.
- Last, P.R., White, W.T., de Carvalho, M.R., Sertr, B., Stehmann, M.F.W. & Naylor, G.J.P. (2016). Rays of the world. CSIRO Publishing, Victoria, 800 p.
- LPSPL Serang. (2016). *Katalog Produk Hiu*. LPSPL Serang. Serang.
- Lpsplsorong. (2019). *Hiu Pari Beserta Regulasi yang Mengatur Pemanfatannya*. <https://kkp.go.id/djprl/lpsplsorong>. Diakses Agustus 2024.
- Medeiros, R., Oliveira, C. D., Souto, D., Rangely, J., & Fabré, N. N. (2021). Growth stanza in fish life history using otoliths shape: The protandric *Centropomus* case (Carangaria: Centropomidae). *Neotropical Ichthyology*, 19(4), 1–19. <https://doi.org/10.1590/1982-0224-2020-0145>
- Minte-Vera, C. V., Maunder, M. N., Casselman, J. M., & Campana, S. E. (2016). Growth functions that incorporate the cost of reproduction. *Fisheries Research*, 180, 31-44. <https://doi.org/10.1016/j.fishres.2015.10.023>
- Moore, A. B. M. (2017). Are guitarfishes the next sawfishes? Extinction risk and an urgent call for conservation action. *Endangered Species Research*, 34, 75-88.
- Morey, G., Moranta, J., Massutí, E., Grau, A., Linde, M., Riera, F., & Morales-Nin, B. (2003). Weight-length relationships of littoral to lower slope fishes from the western Mediterranean. *Fisheries Research*, 62(1), 89-96. [https://doi.org/10.1016/S0165-7836\(02\)00250-3](https://doi.org/10.1016/S0165-7836(02)00250-3)
- Muninggar, R., Lubis, E., Iskandar, B. H., Haluan, J. (2016). Aspek lingkungan signifikan di Pelabuhan Perikanan Samudera Nizam Zachman Jakarta. *Marine Fisheries*. 7(2): 203-210.
- Muslih., Mahdiana, A., Syakti, A. D., Hidayati, N. V., Riyanti, dan Yuneni, R. R. (2016). Beberapa parameter populasi ikan hiu martil (*Sphyrna lewini*) di Perairan Laut Jawa dan Kalimantan. *Prosiding Simposium Hiu dan Pari di Indonesia*. Kementerian Kelautan dan Perikanan. Jakarta.

- Muzaffar, S., Bogorodskii, S. V., & Ali, S. A. (2017). Evidence of population structure in *Glaucostegus typus* (Rhinopristiformes: Glaucostegidae) in the Red Sea. *Journal of Fish Biology*, 91(5), 1321-1334.
- Nakamura, M., & Suzuki, K. (2024). Mathematical modeling of long-term genetic consequences of skewed sex ratios in fish populations. *Ecological Modelling*, 489, 110471. <https://doi.org/10.1016/j.ecolmodel.2023.110471>
- Naylor, G. J., Caira, J. N., Jensen, K., Rosana, K. A., White, W. T., & Last, P. R. (2012). A DNA sequence-based approach to the identification of shark and ray species and its implications for global Elasmobranchii diversity and parasitology. *Bulletin of the American Museum of Natural History*, 367, 1-262.
- Neuheimer, A. B., Thresher, R. E., Lyle, J. M., & Semmens, J. M. (2018). Tolerance limit for fish growth exceeded by warming waters. *Nature Climate Change*, 8(6), 520-524. <https://doi.org/10.1038/s41558-018-0170-5>
- Ngamel, Y. A., Lubis, E., Pane, A. B., Sholihin I. (2013). Kinerja operasional pelabuhan perikanan nusantara tual. *Jurnal Teknologi Perikanan dan Kelautan*. 4(2): 155-172.
- Nozu, R., Murakumo, K., Matsumoto, R., Nakamura, M., Ueda, K., Kishimoto, M., & Nakamura, M. (2017). High-resolution monitoring from birth to sexual maturity of a male reef manta ray, *Mobula alfredi*, held in captivity for 7 years: changes in external morphology, behavior, and steroid hormones levels. *BMC Zoology*, 2(1), 14.
- Nurani TW, Lubis E, Haluan J, Saad S. (2010). Analysis of fishing ports to support the development of tuna fisheries in the South Coast of Java. *Indonesian Fisheries Research Journal*. 16(2): 69- 78.
- Nurhayati, F., dan Bernas, S. M. (2016). Hubungan panjang-berat dan pola pertumbuhan ikan di muara Sungai Musi Kabupaten Banyuasin Sumatera Selatan. *Maspari Journal*. 8(2):111-118.
- Omar, S.B.A., Nur, M., Umar, M.T., Dahlan, M.A., & Syarifuddin, K. (2015). Nisbah kelamin dan ukuran pertama kali matang gonad ikan endemik Pirik (*Lagusia micracanthus* Bleeker, 1860) di Sungai Pattunuang, Kabupaten Maros, dan Sungai Sanrego, Kabupaten Bone, Sulawesi Selatan. *Semnaskan Universitas Gajah Mada*, 73-84.
- Pacoureau, N., Rigby, C. L., Kyne, P. M., Sherley, R. B., Winker, H., Carlson, J. K., ... & Dulvy, N. K. (2021). Half a century of global decline in oceanic sharks and rays. *Nature*, 589(7843), 567-571.
- Panggabean, A. S., Pane, A. R., & Hasanah, N. (2018). Identifikasi asal wilayah dan musim penangkapan sumberdaya ikan yang didaratkan di Pelabuhan Perikanan Samudera Nizam Zachman, Jakarta. *Marine Fisheries: Journal*

of *Marine Fisheries Technology and Management*, 9(1), 93-106.
<https://doi.org/10.29244/jmf.9.1.93-106>

Peraturan Menteri Kelautan dan Perikanan Republik Indonesia. *Nomor PER.08/MEN/2012 tentang Kepelabuhanan Perikanan*.

Peraturan Menteri Kelautan dan Perikanan Republik Indonesia (PERMEN KP RI). (2012). *Permen KP Nomor 8 Tahun 2012 tentang Kepelabuhanan Perikanan*.

Pelabuhan Perikanan Samudera Nizam Zachman Jakarta (PPSNZJ). (2022). *Buku statistik perikanan 2021*. Kementerian Kelautan dan Perikanan.

Pierce, S. J., & Norman, B. M. (2016). *Rhincodon typus*. The IUCN Red List of Threatened Species 2016: e.T19488A2365291. *International Union for Conservation of Nature*.

Prabuning D, Setiasih N, Ningtias P, Yahya Y, Harvey A. (2015). Rantai perdagangan hiu dan pari di Provinsi NTB (Nusa Tenggara Barat) dan NTT (Nusa Tenggara Timur). *Prosiding Simposium Hiu dan Pari*: hal 127-134.

Pratt Jr., H.L. (2012). Assessing the potential for post-copulatory sexual selection in Elasmobranchiis. *Journal of Fish Biology*, 80(5), 1186-1158.
<https://doi.org/10.1111/j.1095-8649.2012.03256.x>

Prihatiningsih, et al. (2013). *Dinamika populasi ikan swanggi (Priacanthus tayenus) di Perairan Tangerang – Banten*. Balai Penelitian Perikanan Laut: Jakarta.

Rahmat, E. (2011). Teknik pengukuran morfometrik pada ikan cucut di Perairan Samudra Hindia Teknisi Litkayasa pada Balai Riset Perikanan Laut, Muara Baru-Jakarta. *BTL*: Vol.9 No.2.

Raje, S. G., Sivakami, S., Rajkumar, M., & Manojkumar, P. P. (2022). Biological aspects and stock assessment of the giant guitarfish *Glaucostegus typus* (Bennett, 1830) landed along the Indian coast. *Indian Journal of Fisheries*, 69(1), 35-44.

Rigby, C. L., Barreto, R., Carlson, J., Fernando, D., Fordham, S., Francis, M. P., ... & Simpfendorfer, C. A. (2016). *Carcharhinus longimanus*. *The IUCN Red List of Threatened Species*, 2019, e.T39374A2911619.

Roff, G., Doropoulos, C., Rogers, A., Bozec, Y. M., Krueck, N. C., Aurellado, E., ... & Mumby, P. J. (2016). The ecological role of sharks on coral reefs. *Trends in Ecology & Evolution*, 31(5), 395-407.

Safitri Ayu, Sri Redjeki, Ita Widowati. (2022). Aspek biologi *G. typus* (*Rhynchobatus spp.*) studi kasus di PPP Tasik Agung, Rembang. *Journal of Marine Research*, Vol 11, No.1 Februari 2022, pp. 37-48.

- Segura, A. M., Milessi, A. C., Vögler, R., & García-Rodríguez, F. (2013). Identification of ontogenetic shifts using segmented regression: applications to marine fish. *Marine Biology*, 160(6), 1421-1428.
- Sentosa, A. dan Umi Chodrijah. (2020). Length-weight relationship and growth parameters of Indonesian houndshark *Hemitriakis indroyonoi* (White, Compagno & Dharmadi, 2009) caught from artisanal fisheries in Southern West Nusa Tenggara Waters. *AACL Bioflux* 2020, Vol.13, Issue 3.
- Setiawan, F., Booth, H., Yulianto, I., & Simeon, B. M. (2018). Status and conservation of rhino rays in Indonesia. *Wildlife Conservation Society–Indonesia Program*, Technical Report, 45 pp.
- Simeon BM, Ichsan M, Muttaqin E, Agustina S, Prasetyo AP, Dharmadi, Yulianto I. (2019). Laporan teknis: Profil perikanan wedgefish di Indonesia, studi kasus di Nusa Tenggara Barat dan Aceh. *Wildlife Conservation Society - Indonesia Program*. Bogor. Indonesia.
- Sjafei, D.S, M.F. Raharjo, R. Affandi, M. Brojo, dan Sulistino. (1991). *Fisiologi ikan II reproduksi ikan*. IPB. Bogor. 210 hal.
- Sommerville, E., White, W. T., & Austin, C. M. (2016). Reproductive biology of the endangered narrownose guitarfish *Rhinobatos thouin* (Rhinobatidae) from the Arafura Sea, Indonesia. *Journal of Fish Biology*, 89(2), 1105–1122. <https://doi.org/10.1111/jfb.13016>
- Stein, R. W., Mull, C. G., Kuhn, T. S., Aschliman, N. C., Davidson, L. N., Joy, J. B. & Mooers, A. Ø. (2018). Global priorities for conserving the evolutionary history of sharks, rays and chimaeras. *Nature Ecology & Evolution*, 2(2), 288-298.
- Sugiyono. (2017). *Metode penelitian kuantitatif, kualitatif, dan R&D*. Alfabeta.
- Suherman, A., Dault, A. (2009). Dampak sosial ekonomi pembangunan dan pengembangan pelabuhan perikanan nusantara (PPN), Pengembangan Jembrana, Bali. *Indonesian Journal of Fisheries Science and Technology*. 4(2): 24-32.
- Suryagalih, S. (2016). Studi pengelolaan perikanan hiu di pantai utara Pulau Jawa. *Marine Fisheries: Journal of Marine Fisheries Technology and Management*, 3(2), 149-159.
- T. Mohanraj, T. Jebarani Rajathy, S.R.T. Sherly Cross. (2024). Length-weight relationship, condition factor, and diet analysis of thresher sharks (Family: Alopiidae) along the southern coast of India. *Fisheries Research*, Vol 277: 107067. <https://doi.org/10.1016/j.fishres.2024.107067>.
- Utami. M. N. S, S. Redjeki dan N. T. SPJ. (2014). *Studi biologi ikan pari (Dasyatis sp.) di TPI Agung Rembang*. Universitas Diponegoro, Semarang. Vol. 2 (3): 79-85.

- Vaudo, J. J., & Heithaus, M. R. (2011). Dietary niche overlap in a nearshore Elasmobranch mesopredator community. *Marine Ecology Progress Series*, 425, 247-260.
- Wearmouth, V. J., Thorburn, J., Neat, F., Pinto, C., Neat, F., & Berx, B. (2021). Skate and ray management in the Northeast Atlantic: An overview of current measures and priorities for research and management. *ICES Journal of Marine Science*, 78(7), 2257-2275. <https://doi.org/10.1093/icesjms/fsab125>
- White, W. T., Giles, J., Dharmadi, & Potter, I. C. (2019). Data on the bycatch of sharks and rays in Indonesia's shark fisheries from observer records at five landing sites in Indonesia. *Data in Brief*, 23, 103737. <https://doi.org/10.1016/j.dib.2019.103737>
- White, W. T., P. R. Last., J. D. Stevens., G. K. Yearsley. F and Dharmadi. (2006). *Economically important shark and rays of Indonesia*. Penerbit: Australian Center for International Agricultural Research, Australia.
- Wueringer, B. E., Squire, L., & Collin, S. P. (2019). The biology of extinct and extant sawfish (Batoidea: Sclerorhynchidae and Pristidae). *Reviews in fish biology and fisheries*, 29(4), 581–602. <https://doi.org/10.1007/s11160-019-09571-1>
- Yudha, I.G., Rahardjo, M.F., Djokosetiyanto, D., dan Batu, D.T.F.L. (2015). Pola pertumbuhan dan faktor kondisi ikan lumo (*Labiobarbus ocellatus* (Heckel, 1843)) di sungai Tulang Bawang, Lampung. *Jurnal Zoo Indonesia*. 24(1): 29 – 39.
- Yuwandana, D.P., Agustina, S., Haqqi, M.B. & Simeon, B.M. (2020). Studi awal perikanan *G. typus* (*Rhynchobatus sp.*) dan *G. typus* (*Glaucostegus sp.*) di Perairan Utara Jawa Tengah, *Jurnal Akuatika Indonesia*, 5(1):84–91. DOI: 10.24198/jaki.v5i1.25938.
- Zain, B.M., Mutalib, S.A.A. & Aifat, N.R. (2018). Molecular phylogenetic inference of white spotted guitarfish (*Rhynchobatus australiae*) collected from local malaysian fish markets. *Biodiversitas Journal of Biological Diversity*, 19(4): 1382–1386. DOI: 10.13057/biodiv/d190426.