

DAFTAR PUSTAKA

- Adebisi, F. A. (2013). The sex ratio, gonadosomatic index, stages of gonadal development and fecundity of Sompat Grunt, *Pomadasys jubelini* (Cuvier, 1830). *Pakistan J. Zool*, 45(1), 41–46.
- Adriano, Rahardjo, M. F., & Affandi, R. (2016). Hubungan panjang - bobot, faktor kondisi, dan nisbah kelamin ikan bajji - bajji (*Platycephalus indicus*) (Linneus 1758) Di Perairan Teluk Pabean, Indramayu. In A. Zahid, C. P. H. Simanjuntak, A. M. Lusiastuti, M. F. Rahardjo, R. K. Hadiaty, W. Hadie, & L. E. Hadie (Eds.), *Prosiding Seminar Nasional Ikan ke-9* (Cetakan pertama, Vol. 1, pp. 1–991). Masyarakat Iktiologi Indonesia.
- Afni, N., Mudin, Y., & Rahman, A. (2018). Model numerik transpor sedimen dan perubahan morfologi dasar perairan di Muara Sungai Toaya. *Gravitas*, 17(2), 20–28. <https://doi.org/10.22487/gravitasi.v17i2.12419>
- Agumassie, T. (2018). Overview of length-weight relationship, condition factor and size at first maturity of Nile tilapia *Oreochromis niloticus* (L.) in different water bodies of Ethiopia: a review. *Greener Journal of Biological Sciences*, 8(3), 021–028. <https://doi.org/10.15580/GJBS.2018.3.060618077>
- Agustina, S., Boer, M., & Fahrudin, A. (2015). Dinamika populasi sumber daya ikan layur (*Lepturacanthus savala*) di Perairan Selat Sunda. *Marine Fisheries*, 6(1), 77–85.
- Ahmed, E. O., Ali, M. E., & Aziz, A. A. (2011). Length - weight relationships and condition factors of six fish spesies in Atrabara River and Khashm El- Girba Reservoir, Sudan. *International Journal of Agriculture Sciences*, 3(1), 65–70. <http://www.bioinfo.in/contents.php?id=26>
- Ahzani, R. T. (2015). *Kebiasaan makan ikan pirik (Lagusia micracanthus Bleeker, 1860) di Sungai Pattunuang, Desa Samangki, Kabupaten Maros*. Universitas Hasanuddin.
- Ala, A., Mariah, Y., Zakiah, D., & Fitriani, D. (2018). Analisa pengaruh salinitas dan derajat keasaman (pH) air laut di Pelabuhan Jakarta terhadap laju korosi plat baja material kapal. *Jurnal Ilmiah Nasional Sekolah Tinggi Ilmu Pelayaran Jakarta*, 11(2), 33–40. <http://ejournal.stipjakarta.ac.id/index.php/meteor/article/view/10/32>
- Alemu, T., Weyuma, T., Alemanyehu, E., & Ambelu, A. (2018). Identifying riparian vegetation as indicator of stream water quality in the Gilgel Gibe catchment, southwestern Ethiopia. *Ecohydrology*, 11(1). <https://doi.org/10.1002/eco.1915>
- Ali, R. A. S., Elawad, A. N., Khalifa, M. M., & El-Mor, M. (2016). Length-weight relationship and condition factor of *Liza Ramada* from Eastern Coast of Libya. *International Journal of Fisheries and Aquaculture Research*, 2(2), 1–9. www.eajournals.org
- Amneera, W. A., Najib, N. W. A. Z., Yusof, S. R. M., & Ragunathan, S. (2013). Water quality index of Perlis River Malaysia. *International Journal Civil & Environmental Engineering*, 13(2), 1–6. <https://www.researchgate.net/publication/337561277>

- Amri, K., Priatna, A., & Muchlizar, M. (2018). Karakteristik oseanografi fisika perairan estuari Bengkalis berdasarkan data pengukuran in-situ. *Jurnal Segara*, 14(1), 43–56. <https://doi.org/10.15578/segarav14i1.6800>
- Amtyas, Khan, M. A., Khan, M. Z., & Hashmi, M. U. A. (2014). The sex ratio, gonadosomatic index and stage of gonadal development of saddle grunt fish, Pomadasys Maculatum (Bloch, 1793) of Karachi Coast. *Canadian Journal of Pure and Applied Sciences*, 2721–2726. www.cjpas.net
- Amtyaz, Khan, M. A., Khan, M. Z., & Hashmi, M. U. A. (2014). The sex ratio, gonadosomatic index and stages of gonadal development of saddle grunt fish, Pomadasys maculatum (Bloch, 1793) of Karachi Coast. *Canadian Journal of Pure & Applied Sciences an International Journal*, 8(1), 2721–2726. www.cjpas.net
- Andria, A. F., & Rahmaningsih, S. (2018). Kajian teknis faktor abiotik pada embung bekas galian tanah liat PT. Semen Indonesia Tbk. untuk pemanfaatan budidaya ikan dengan teknologi KJA. *Jurnal Ilmiah Perikanan Dan Kelautan*, 10(2), 95–105. <https://doi.org/10.20473/jipk.v10i2.9825>
- Andy Omar, S. bin. (2013). *Biologi perikanan*. Universitas Hasanuddin. Makassar
- Andy Omar, S. bin. (2016). *Modul praktikum biologi perikanan*. Universitas Hasanuddin. Makassar
- Andy Omar, S. bin, Nur, M., Umar, M. T., Dahlan, M. A., & Kune, S. (2015). Nisbah kelamin dan ukuran pertama kali matang gonad ikan endemik pirik (Lagusia micracanthus BLEEKER, 1860) di Sungai Sanrego, Kabupaten Bone, Sulawesi Selatan. *Seminar Nasional Tahunan XII Hasil Penelitian Dan Kelautan*, 73–81. <https://www.researchgate.net/publication/320922282>
- Armstrong, M. J., & Witthames, P. R. (2012). Developments in understanding of fecundity of fish stocks in relation to egg production methods for estimating spawning stock biomass. *Fisheries Research*, 117–118, 35–47. <https://doi.org/10.1016/j.fishres.2010.12.028>
- Azrita, & Syandri H. (2013). Fecundity, egg diameter and food Channa lucius cuvier in different waters habitats. *Fisheries and Aquaculture*, 4(3), 115–120. <http://www.bioinfopublication.org/jouarchive.php?opt=&jouid=BPJ0000265>
- Barletta, M., Cussac, V. E., Agostinho, A. A., Baigun, C., Okada, E. K., Catella, A. C., Fontoura, N. F., Pompeu, P. S., Jimenez - Segura, L. F., Batista, V. S., Lasso, C. A., Taphorn, D., & Fabre, N. N. (2016). Freshwater fisheries ecology in South American River Basins. In J. F. Craig (Ed.), *Freshwater Fisheries Ecologi* (First Edition, pp. 311–348). John Wiley & Sons, Ltd.
- Barneche, D. R., Burgess, S. C., & Marshall, D. J. (2018). Global environmental drivers of marine fish egg size. *Global Ecology and Biogeography*, 27(8), 890–898. <https://doi.org/10.1111/geb.12748>
- Baumann, L., Holbech, H., Keiter, S., Kinnberg, K. L., Knörr, S., Nagel, T., & Braunbeck, T. (2013). The maturity index as a tool to facilitate the interpretation of changes in vitellogenin production and sex ratio in the fish sexual development test. *Aquatic Toxicology*, 128–129, 34–42. <https://doi.org/10.1016/j.aquatox.2012.11.016>

- Beck, R., Xu, M., Zhan, S., Johansen, R., Liu, H., Tong, S., Yang, B., Shu, S., Wu, Q., Wang, S., Berling, K., Murray, A., Emery, E., Reif, M., Harwood, J., Young, J., Nielch, C., Macke, D., Martin, M., ... Huang, Y. (2019). Comparison of satellite reflectance algorithms for estimating turbidity and cyanobacterial concentrations in productive freshwaters using hyperspectral aircraft imagery and dense coincident surface observations. *Journal of Great Lakes Research*, 45(3), 413–433. <https://doi.org/10.1016/j.jglr.2018.09.001>
- Borthakur, D. M. K. (2018). Study of gonadosomatic index and fecundity of fresh water fish Xenontedon cancila. *Journal of Entomology and Zoology Studies*, 6(3), 42–46.
- Brooker, M. R., Bohrer, G., & Mouser, P. J. (2014). Variations in potential CH₄ flux and CO₂ respiration from freshwater wetland sediments that differ by microsite location, depth and temperature. *Ecological Engineering*, 72, 84–94. <https://doi.org/10.1016/j.ecoleng.2014.05.028>
- Buczek, S. B., Cope, W. G., McLaughlin, R. A., & Kwak, T. J. (2018). Effects of turbidity, sediment, and polyacrylamide on native freshwater mussels. *Journal of the American Water Resources Association*, 54(3), 631–643. <https://doi.org/10.1111/1752-1688.12639>
- Campbell, I., & Barlow, C. (2020). Hydropower development and the loss of fisheries in the Mekong River Basin. *Frontiers in Environmental Science*, 8. <https://doi.org/10.3389/fenvs.2020.566509>
- Camporeale, C., Perucca, E., Ridolfi, L., & Gurnell, A. M. (2013). Modeling the interactions between river morphodynamics and riparian vegetation. *Reviews of Geophysics*, 51(3), 379–414. <https://doi.org/10.1002/RG.20014>
- Chiang, G., Munkittrick, K. R., McMaster, M. E., Tucca, F., Saavedra, M. F., Ancalaf, A., Gavilán, J. F., Unzueta, L., & Barra, R. (2012). Seasonal changes in oocyte development, growth and population size distribution of *Percilia gillissi* and *Trichomycterus areolatus* in the Itata Basin, Chile. *Gayana*, 76(2), 131–141.
- Chivers, D. P., Al-Batati, F., Brown, G. E., & Ferrari, M. C. O. (2013). The effect of turbidity on recognition and generalization of predators and non-predators in aquatic ecosystems. *Ecology and Evolution*, 3(2), 268–277. <https://doi.org/10.1002/ece3.454>
- Corenblit, D., Davies, N. S., Steiger, J., Gibling, M. R., & Bornette, G. (2015). Considering river structure and stability in the light of evolution: Feedbacks between riparian vegetation and hydrogeomorphology. *Earth Surface Processes and Landforms*, 40(2), 189–207. <https://doi.org/10.1002/esp.3643>
- da Silva Santos, R., do Carmo Silva, J. P., da Costa, M. R., & Araujo, F. G. (2015). O tamanho de primeira maturação como parâmetro para estabelecimento de tamanho mínimo de captura para corvina no sudeste do Brasil. *Bol. Inst. Pesca*, 41(3), 507–518. <https://www.researchgate.net/publication/283307667>
- Dahlan, M. A., Andy Omar, S. bin, Tresnati, J., Umar, M. T., & Nur, M. (2015). Nisbah kelamin dan ukuran pertama kali matang gonad ikan layang deles (*Decapterus macrosoma* Bleeker, 1841) di perairan Teluk Bone, Sulawesi Selatan. *Torani (Jurnal Ilmu Kelautan Dan Perikanan)*, 25(1), 25–29.

- Dang, Z. C., & Kienzler, A. (2019). Changes in fish sex ratio as a basis for regulating endocrine disruptors. *Environment International*, 130, 1–22. <https://doi.org/10.1016/j.envint.2019.104928>
- de Giosa, M., Czerniejewski, P., & Rybczyk, A. (2014). Seasonal changes in condition factor and weight-length relationship of invasive Carassius gibelio (Bloch, 1782) from Leszczynskie Lakeland, Poland. *Advances in Zoology*, 2014, 1–7. <https://doi.org/10.1155/2014/678763>
- de Lima Gurgel, L., Verani, J. R., & Chellappa, S. (2012). Prochilodus brevis an endemic fish from the Semi-arid Region of Brazil. *The Scientific World Journal*, 2012, 1–7. <https://doi.org/10.1100/2012/810532>
- Devlaming, V., Grossman, G., & Chapman, F. (1982). On the use gonosomatic index. *Camp. Biochrv. Ph.Rsio*, 73(1), 31–39.
- Dinh, Q. H., Duong, T., & Pham Cam, N. (2021). A Study of 1-Benzyl-3-phenyl-2-thiourea as an effective steel corrosion inhibitor in 1.0 M HCl solution. *Journal of Chemistry*, 2021, 1–14. <https://doi.org/10.1155/2021/5519411>
- Diver, T., Harrison, A., Knight, W., Ulibarri, M., & Wilson, W. (2019). Size sorting in bonytail skews the sex ratio of stocked fish. *North American Journal of Fisheries Management*, 39(3), 452–459. <https://doi.org/10.1002/nafm.10283>
- Dutta, S., Sarma, D., & Nath, P. (2015). Ground and river water quality monitoring using a smartphone-based pH sensor. *AIP Advances*, 5(5). <https://doi.org/10.1063/1.4921835>
- Echavarria-Heras, H. A., Leal-Ramírez, C., Omez, G. G., & Montiel-Arzate, E. (2021). *Principle of limiting factors-driven piecewise population growth model I: Qualitative exploration and study cases on continuous-time dynamics*. <https://doi.org/10.1155/2021/5623783>
- Effendie, H. M. I. (2002). *Biologi perikanan* (H. M. I. Effendie, Ed.). Yayasan Pustaka Nusantara.
- Etika, D., Muslim, & Yulisman. (2013). Perkembangan diameter telur ikan betok (*Anabas testudineus*) yang diberi pakan diperkaya vitamin E dengan dosis berbeda. *Jurnal Perikanan Dan Kelautan*, 18(2), 26–36.
- Falcón, J., Migaud, H., Muñoz-Cueto, J. A., & Carrillo, M. (2010). Current knowledge on the melatonin system in teleost fish. *General and Comparative Endocrinology*, 165(3), 469–482. <https://doi.org/10.1016/j.ygcen.2009.04.026>
- Fan, M., & Shibata, H. (2015). Simulation of watershed hydrology and stream water quality under land use and climate change scenarios in Teshio River watershed, Northern Japan. *Ecological Indicators*, 50, 79–89. <https://doi.org/10.1016/j.ecolind.2014.11.003>
- Farida, F., Gunarsa, S., & Hasan, H. (2018). Penambahan tepung kunyit dan oodev dalam pakan untuk menginduksi pematangan gonad induk ikan biawan (*Helostoma temminkii*). *Jurnal Ruaya : Jurnal Penelitian Dan Kajian Ilmu Perikanan Dan Kelautan*, 6(02). <https://doi.org/10.29406/rya.v6i02.1019>

- Flores, A., Wiff, R., & Diáz, E. (2015). Using the gonadosomatic index to estimate the maturity ogive: application to chilean hake (*Merluccius gayi gayi*). *ICES Journal of Marine Science*, 72(2), 508–514. <https://doi.org/10.1093/icesjms/fsu155>
- Flores, A., Wiff, R., Galias, K., & Marshall, C. T. (2019). Accuracy of gonadosomatic index in maturity classification and estimation of maturity ogive. *Fisheries Research*, 210, 50–62. <https://doi.org/10.1016/j.fishres.2018.10.009>
- Froese, R., & Pauly, D. (2022). WoRMS - World register of marine species - *Lagusia micracanthus* (Bleeker, 1860). <https://www.marinespecies.org/aphia.php?p=taxdetails&id=281268>
- Fryxell, D. C., Arnett, H. A., Apgar, T. M., Kinnison, M. T., & Palkovacs, E. P. (2015). Sex ratio variation shapes the ecological effects of a globally introduced freshwater fish. *Proceedings of the Royal Society B*, 282. <https://doi.org/10.1098/rspb.2015.1970>
- Galias, K., & Barbieri, S. L. (2018). Oocyte recruitment and fecundity type in fishes: Refining terms to reflect underlying processes and drivers. *Fish and Fisheries*, 19(3), 562–572. <https://doi.org/10.1111/faf.12267>
- Galias, K., Murua, H., Claramunt, G., Dominguez - Petit, R., Goncalves, P., Juanes, F., Klibansky, N., Kurita, Y., Lowerre - Barbieri, S., Macchi, G., Matsuyama, M., Medina, A., Nunes, C., Plaza, G., Rideout, R., Somarakis, S., Thorsen, A., Uriarte, A., & Yoneda, M. (2015). Egg production. In R. Dominguez - Petit, H. Murua, F. Sabarido - Rey, & E. Trippel (Eds.), *Handbook of Applied Fisheries Reproductive Biology for Stock Assessment and Management*. <http://www.cost.eu/>
- Gashaw, T., Terefe, H., Soromessa, T., Ahmed, S., & Megersa, T. (2015). Riparian areas rehabilitation and restoration: An overview. *Journal of Agriculture and Biotechnology Research*, 1(2), 55–63. <http://www.pjournals.org/PJABR>
- Giyanto. (2003). Membandingkan dua persamaan regresi linerar sederhana. *Oseana*, 28(1), 19–31.
- Godinho, A. L., Lamas, I. R., & Godinho, H. P. (2010). Reproductive ecology of Brazilian freshwater fishes. *Environmental Biology of Fishes*, 87(2), 143–162. <https://doi.org/10.1007/s10641-009-9574-4>
- Gogoi, R., & Goswami, U. C. (2014). Length-weight relationship and sex ratio of fresh water fish *Amblypharyngodon mola* (HAM-BUCH) from Assam. *International Journal of Fisheries and Aquatic Studies*, 1(4), 68–71. www.fisheriesjournal.com
- Gustiano, R., Prakoso, V. A., Kurniawan, K., & Cahyanti, W. (2021). Growth and early reproduction development of the first generation of Sheatfish, *Ompok bimaculatus* (Vaillant, 1902) Reared in Controlled Concrete Tanks. *Indonesian Aquaculture Journal, p-Indonesian Aquaculture Journal*, 16(2), 61–67. <https://doi.org/10.15578/iaj.16.2.2021.61-67>
- Hadiaty, R. K. (2018). Status taksonomi iktiofauna endemik perairan tawar Sulawesi. *Jurnal Iktiologi Indonesia*, 18(2), 175–190. <https://doi.org/10.32491/jii.v18i2.428>
- Hanafiah, M. M., Yussof, M. K. M., Hasan, M., Abdulhasan, M. J., & Toriman, M. E. (2018). Water quality assessment of Tekala River, Selangor, Malaysia. *Applied Ecology and Environmental Research*, 16(4), 5157–5174. https://doi.org/10.15666/aeer/1604_51575174

- Handayani, P. (2018). Keanekaragaman Vegetasi Riparian Sungai Tabir Desa Sungai Tabir Kecamatan Tabir Barat. *Jurnal Pendidikan Biologi Dan Biosains*, 1(1), 21–27.
- Haryadi, N. (2017). Struktur dan komposisi vegetasi pada kawasan lindung air terjun Telaga Kameloh Kabupaten Gunung Mas. *ZIRAA'AH*, 42(2), 137–149.
- Helm, I., Jalukse, L., & Leito, I. (2012). A highly accurate method for determination of dissolved oxygen: gravimetric Winkler method. *Analytica Chimica Acta*, 741, 21–31. <https://doi.org/10.1016/j.aca.2012.06.049>
- Hossain, M. Y., Rahman, M. M., Miranda, R., Leunda, M., Oscoz, J., Jewel, M. A. S., Naif, A., & Ohtomi, J. (2012). Size at first sexual maturity, fecundity, length-weight and length-length relationships of *Puntius sophore* (Cyprinidae) in Bangladeshi waters. *Journal of Applied Ichthyology*, 28(5), 818–822. <https://doi.org/10.1111/j.1439-0426.2012.02020.x>
- Ighwela, K. I., bin Ahmed, A., & Abol-Munafi, A. B. (2011). Condition factor as an indicator of growth and feeding intensity of Nile Tilapia Fingerlings (*Oreochromis niloticus*) feed on different levels of Maltose. *J. Agric. & Environ. Sci*, 11(4), 559–563.
- Irwan, Z. D. (1996). *Prinsip - prinsip ekologi ekosistem, lingkungan, dan pelestariannya* (Edisi Kedua). PT Bumi Aksara.
- Jan, M., & Jan, N. (2017). Studies on the fecundity (F), gonadosomatic index (GSI) and hepatosomatic index (HSI) of *Salmo trutta fario* (Brown trout) at Kokernag trout fish farm. *International Journal of Fisheries and Aquatic Studies*, 5(6), 170–173. www.fisheriesjournal.com
- Jega, I. S., Miah, M. I., Haque, M. M., Shahjahan, M., Ahmed, Z. F., & Fatema, K. M. (2017). Sex ratio, length-weight relationships and seasonal variations in condition factor of menoda catfish *Hemibagrus menoda* (Hamilton, 1822) of the Kangsha River in Bangladesh. *International Journal of Fisheries and Aquatic Studies*, 5(5), 49–54. www.fisheriesjournal.com
- Jisr, N., Younes, G., Sukhn, C., & El-Dakdouki, M. H. (2018). Length-weight relationships and relative condition factor of fish inhabiting the marine area of the Eastern Mediterranean city, Tripoli-Lebanon. *Egyptian Journal of Aquatic Research*, 44(4), 299–305. <https://doi.org/10.1016/j.ejar.2018.11.004>
- Jonsson, B., Finstad, A. G., & Jonsson, N. (2012). Winter temperature and food quality affect age at maturity: An experimental test with Atlantic salmon (*salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences*, 69(11), 1817–1826. <https://doi.org/10.1139/f2012-108>
- Jusmaldi, J., Solihin, D. D., Affandi, R., Rahardjo, M. F., & Gustiano, R. (2018). Sebaran dan kekayaan spesies ikan lais (Famili Siluridae) di Sungai Mahakam Kalimantan Timur. *Proceeding of Biology Education*, 2(1), 18–25. <https://doi.org/10.21009/pbe.2-1.3>
- Kariyanti, Omar, S. B. A., & Tresnati, J. (2014). Analisis fekunditas dan diameter telur ikan beseng-beseng (*Marosatherina ladigesi* Ahl, 1936) Sungai Pattunuang Asue dan Sungai Bantimurung, Kabupaten Maros, Sulawesi Selatan. *Symposium*

Nasional / Kelautan Dan Perikanan , 1–10.
<https://www.researchgate.net/publication/320922300>

- Karnatak, G., Sarkar, U. K., Naskar, M., Roy, K., Gupta, S., Nandy, S. K., Srivastava, P. K., Sarkar, S. das, Sudheesan, D., Bose, A. K., & Verma, V. K. (2018). Understanding the role of climatic and environmental variables in gonadal maturation and spawning periodicity of spotted snakehead, *Channa punctata* (Bloch, 1793) in a tropical floodplain wetland, India. *Environmental Biology of Fishes*, 101(4), 595–607. <https://doi.org/10.1007/s10641-018-0722-6>
- Kaur, S., Singh, P., & Hassan, S. (2018). Studies on Gonado-somatic index (GSI) of selected fishes of River Sutlej, Punjab. *Journal of Entomology and Zoology Studies*, 6(2), 1274–1279.
- Kominoski, J. S., Pachón, J., Brock, J. T., McVoy, C., & Malone, S. L. (2021). Understanding drivers of aquatic ecosystem metabolism in freshwater subtropical ridge and slough wetlands. *Ecosphere*, 12(12), e03849. <https://doi.org/10.1002/ECS2.3849>
- Kumar, R., Abujam, S., Darshan, A., Kumari, A., & Das, D. N. (2017). Length-weight relationship of *Lepidocephalichthys guntea* (Hamilton, 1822) from Dikrong River, Arunachal Pradesh. *International Journal Peer Reviewed Journal Refereed Journal Indexed Journal UGC Approved Journal Impact Factor*, 4(2), 197–200. www.wwjmr.com
- Latuconsina, H. (2018). *Ekologi perairan tropis: Prinsip dasar pengelolaan sumber daya hayati perairan - Google Books* (Ratna, Ed.; Edisi Kedua). Gadjah Mada University Press. https://www.google.co.id/books/edition/Ekologi_Perairan_Tropis_Prinsip_Dasar_P/e/mboeDwAAQBAJ?hl=en&gbpv=1&dq=ekologi+perairan+tropis&pg=PR8&printsec=frontcover
- Liao, Y.-Y., & Chang, Y.-H. (2011). Reproductive biology of the needlefish *Tylosurus acus melanotus* in Waters around Hsiao-Liu-Chiu Island, Southwestern Taiwan. *Zoological Studies*, 50(3), 296–308. <http://zoolstud.sinica.edu.tw/Journals/50.3/296.pdf>
- Liu, Y., Chen, X., Duan, S., Feng, Y., & An, M. (2011). Mathematical modeling of plant allelopathic hormesis based on ecological-limiting-factor models. *Dose-Response*, 9(1), 117–129. <https://doi.org/10.2203/dose-response.09-050.Liu>
- Macfarlane, W. W., Gilbert, J. T., Jensen, M. L., Gilbert, J. D., Hough-Snee, N., McHugh, P. A., Wheaton, J. M., & Bennett, S. N. (2017). Riparian vegetation as an indicator of riparian condition: Detecting departures from historic condition across the North American West. *Journal of Environmental Management*, 202, 447–460. <https://doi.org/10.1016/j.jenvman.2016.10.054>
- Mahardika, R. (2019). *Biologi reproduksi ikan tembang (Sardinella fimbriata Valenciennes, 1847) di Perairan Selat Sunda, Banten*. Institut Pertanian Bogor .
- Mandic, M., & Regner, S. (2014). Variation in fish egg size in several pelagic fish species. *Stud. Mar.*, 27(1), 31–46. <https://www.researchgate.net/publication/262642323>

- Manning, A., Julian, J. P., & Doyle, M. W. (2020). Riparian vegetation as an indicator of stream channel presence and connectivity in arid environments. *Journal of Arid Environments*, 178. <https://doi.org/10.1016/J.JARIDENV.2020.104167>
- Mantayya, S., Rahman, M., & Yasmin, Z. (2016). Model storet dan beban pencemaran untuk analisis kualitas air di bantaran Sungai Batu Kambing, Sungai Mali - Mali dan Sungai Riam Kiwa Kecamatan Aranio Kalimantan Selatan. *Fish Scientiae*, 6(11), 35–36. <http://fishscientiae.ulm.ac.id/index.php/fs/article/view/95/82>
- Mariskha, P. R., & Abdulgani, N. (2012). Aspek reproduksi ikan kerapu macan (*Epinephelus sexfasciatus*) di perairan Glondonggede Tuban. *Jurnal Sains Dan Seni ITS*, 1(1), 27–31.
- Martínez, P., Viñas, A. M., Sánchez, L., Díaz, N., Ribas, L., Piferrer, F., & Houston, R. (2014). Genetic architecture of sex determination in fish: applications to sex ratio control in aquaculture. *Frontier in Genetic*, 5, 340. <https://doi.org/10.3389/fgene.2014.00340>
- Maulani, P. I., Hidayat, M., & Amin, N. (2022). Struktur vegetasi riparian di kawasan Sungai Brayeun Kecamatan Leupung Aceh Besar. *Prosiding Seminar Nasional Biotik*, 1–12. <https://jurnal.ar-raniry.ac.id/index.php/PBiotik/index>
- McKeown, M. M., Wilmshurst, J. M., Duckert, C., Wood, J. R., & Mitchell, E. A. D. (2019). Assessing the ecological value of small testate amoebae (<45 µm) in New Zealand peatlands. *European Journal of Protistology*, 68, 1–16. <https://doi.org/10.1016/j.ejop.2018.12.002>
- Méndez-Toribio, M., Zermeño-Hernández, I., & Ibarra-Manríquez, G. (2014). Effect of land use on the structure and diversity of riparian vegetation in the Duero river watershed in Michoacán, Mexico. *Plant Ecology*, 215(3), 285–296. <https://doi.org/10.1007/s11258-014-0297-z>
- Miesen, F. W., Doppelmann, F., Hüllen, S., Hadiaty, R. K., & Herder, F. (2016). An annotated checklist of the inland fishes of Sulawesi. *Boon Zoological Bulletin*, 64(2), 77–106. <https://www.researchgate.net/publication/304882733>
- Mishra, A., Sarkar, U. K., Kumar, R., Rawat, A., & Verma, S. (2018). Gonadal maturity assessment of butter catfish (*Ompok bimaculatus*) from major rivers and tributaries of India during spawning season. *Iranian Journal of Fisheries Sciences*, 17(3), 458–470. <https://doi.org/10.22092/IJFS.2018.116612>
- Morrison, C. A., Robinson, R. A., Clark, J. A., & Gill, J. A. (2016). Causes and consequences of spatial variation in sex ratios in a declining bird species. *Journal of Animal Ecology*, 85(5), 1298–1306. <https://doi.org/10.1111/1365-2656.12556>
- Muchlisin, Z. A., Musman, M., & Siti Azizah, M. N. (2010). Length-weight relationships and condition factors of two threatened fishes, *Rasbora tawarensis* and *Poropuntius tawarensis*, endemic to Lake Laut Tawar, Aceh Province, Indonesia. *Journal of Applied Ichthyology*, 26(6), 949–953. <https://doi.org/10.1111/j.1439-0426.2010.01524.x>
- Muchtar, D. P. (2015). *Kebiasaan makan ikan pirik (Lagusia micracanthus Bleeker 1860), di Sungai Sanrego, Desa Langi, Kecamatan Bontocani, Kabupaten Bone*. Universitas Hasanuddin.

- Mujtahidah, T., Marsoedi, M., & Widodo, M. S. (2019). The reproductive cycle of *Puntius binotatus* on the Middle of the Raining Season. *IJOTA (Indonesian Journal of Tropical Aquatic)*, 2(1), 9–15. <https://doi.org/10.22219/IJOTA.V2I1.9678>
- Mustari, A. H. (2020). *Manual identifikasi dan bio-ekologi spesies kunci di Sulawesi* (I. Kurniawan, Ed.; Cetakan 1, Vol. 1). PT Penerbit IPB Press. www.ipbpress.com
- Najah, A., El-Shafie, A., Karim, O. A., & El-Shafie, A. H. (2014). Performance of ANFIS versus MLP-NN dissolved oxygen prediction models in water quality monitoring. *Environmental Science and Pollution Research*, 21(3), 1658–1670. <https://doi.org/10.1007/s11356-013-2048-4>
- Najah, A., El-Shafie, A., Karim, O. A., & Jaafar, O. (2011). Integrated versus isolated scenario for prediction dissolved oxygen at progression of water quality monitoring stations. *Hydrology and Earth System Sciences*, 15(8), 2693–2708. <https://doi.org/10.5194/hess-15-2693-2011>
- Nakul, B., Bhatt, N. A., Shwetanshumala, S. B. K., & Tarang, S. (2016). Length-weight relationship and condition factor of Catla catla in Lake Pichhola, Udaipur, Rajasthan. *International Journal of Fauna and Biological Studies*, 3(4), 19–23.
- Nasution, S. H., Sulastri, S., & Muchlisin, Z. A. (2015). Habitat characteristics of Lake Towuti, South Sulawesi, Indonesia-the home of endemic fishes Laccase View project Sustainable innovation strategy View project. *AACL Bioflux*, 8(2), 213–223. <https://www.researchgate.net/publication/282930511>
- Ndiaye, W., Diouf, K., Samba, O., Ndiaye, P., & Panfili, J. (2015). The length-weight relationship and condition factor of white grouper (*Epinephelus aeneus*, Geoffroy Saint Hilaire, 1817) at the south-west coast of Senegal, West Africa. *International Journal of Advanced Research*, 3(3), 145–153. <http://www.journalijar.com>
- Nehemia, A., Maganira, J. D., & Rumisha, C. (2012). Length-weight relationship and condition factor of Tilapia species grown in Marine and Fresh Water Ponds. *Agriculture and Biology Journal of North America*, 3(3), 117–124. <https://doi.org/10.5251/abjna.2012.3.3.117.124>
- Nur, M. (2015). *Biologi reproduksi ikan endemik pirik (Lagusia micracanthus Bleeker, 1860) di Sulawesi Selatan* [Thesis, Universitas Hasanuddin]. <https://www.researchgate.net/publication/326798986>
- Nur, M. (2020). *Konservasi ikan endemik pirik (Lagusia micrachantus Bleeker, 1860) berbasis ekobiologi di Perairan Sungai Provinsi Sulawesi Selatan*. Institut Pertanian Bogor .
- Nur, M., Rahardjo, M. F., Simanjuntak, C. P. H., Djumanto, & Krismono. (2020). Morphometric and meristic characteristics of an endemic *Lagusia micracanthus* Bleeker, 1860 in the Rivers of Maros and Wallanae Centrana Watersheds. *Jurnal Iktiologi Indonesia*, 20(2), 189. <https://doi.org/10.32491/jii.v20i2.524>
- Nurjaman, D., Kusmoro, J., & Santoso, P. (2017). Perbandingan struktur dan komposisi vegetasi kawasan Rajamantri dan Batumeja Cagar Alam Pananjung Pangandaran, Jawa Barat. *Jurnal Biodjati*, 2(2), 2017. <http://journal.uinsgd.ac.id/index.php/biodjati>

- Nursiani, T., Putra, Y. S., & Muhardi. (2020). Studi ukuran diameter butir sedimen dasar terhadap kecepatan arus di Sungai Pawan Kabupaten Ketapang. *PRISMA FISIKA*, 8(1), 17–20. <https://doi.org/10.26418/pf.v8i1.39868>
- Oso, J. A., Idowu, E. O., Fagbuar, O., Olaniran, T. S., & Ayorinde, B. E. (2011). Fecundity, condition factor and gonado-somatic index of Hepsetus Odore (African Pike) in a Tropical Reservoir, Southwest Nigeria. *World Journal of Fish and Marine Sciences*, 3(2), 112–116.
- Outa, N. O., Kitaka, N., Njiru, M., Otieno, O. N., Kitaka, N., & Njiru, J. M. (2014). Length-weight relationship, condition factor, length at first maturity and sex ratio of Nile tilapia, Oreochromis niloticus in Lake Naivasha, Kenya. *International Journal of Fisheries and Aquatic Studies*, 2(2), 67–72. <https://www.researchgate.net/publication/272293305>
- Pasinggi, N., Ibrahim, P. S., Moo, Z. A., & Tuli, M. (2020). Reproductive biology of oci fish Selaroides leptolepis in Tomini Bay. *Journal of Marine Research*, 9(4), 407–415. <https://doi.org/10.14710/jmr.v9i4.28340>
- Permadi, L. C., Indrayanti, E., & Rachaddi, B. (2015). Studi arus pada perairan laut di sekitar PLTU Sumuradem Kabupaten Indramayu, Provinsi Jawa Barat. *Jurnal Oseonografi*, 4(2), 516–523. <http://ejournal-s1.undip.ac.id/index.php/jose>
- Permatachani, A., Boer, M., & Kamal, M. M. (2016). Kajian stok ikan peperek (Leiognathus equulus) berdasarkan alat tangkap jaring rampus di Perairan Selat Sunda. *Jurnal Teknologi Perikanan Dan Kelautan*, 7(2), 107–116.
- Poff, B., Koestner, K. A., Neary, D. G., & Henderson, V. (2011). Threats to riparian ecosystems in Western North America: An analysis of existing literature. *Journal of the American Water Resources Association*, 47(6), 1241–1254. <https://doi.org/10.1111/j.1752-1688.2011.00571.x>
- Poff, N. L., & Zimmerman, J. K. H. (2010). Ecological respon to altered flow regimens: A literature review to inform the science and management of enviromental flows. *Freshwater Biology*, 55, 194–205.
- Prasad, G. (2012). *Restoration and conservation ecology* (First Edition). Discovery Publishing House PVT. LTD.
- Pulungan, C. P. (2015). Nisbah kelamin dan nilai kemontokan ikan tabingal (Puntioplites bulu Bleeker) dari Sungai Siak, Riau. *Jurnal Perikanan Dan Kelautan*, 20, 11–16.
- Ricker, W. E. (1975). *Computation and interpretation of biological statistics of fish populations* (J. C. Stevenson, J. Watson, R. H. Wigmore, & J. M. Reinhart, Eds.; Bulletin 191).
- Riis, T., Kelly-Quinn, M., Aguiar, F. C., Manolaki, P., Bruno, D., Bejarano, M. D., Clerici, N., Fernandes, M. R., Franco, J. C., Pettit, N., Portela, A. P., Tammeorg, O., Tammeorg, P., Rodríguez-González, P. M., & Dufour, S. (2020). Global overview of ecosystem services provided by riparian vegetation. *BioScience*, 70(6). <https://doi.org/10.1093/biosci/biaa041>
- Rivaes, R., Rodríguez-González, P. M., Albuquerque, A., Pinheiro, A. N., Egger, G., & Ferreira, M. T. (2015). Reducing river regulation effects on riparian vegetation

- using flushing flow regimes. *Ecological Engineering*, 81, 428–438. <https://doi.org/10.1016/j.ecoleng.2015.04.059>
- Rizzo, E., & Bazzoli, N. (2020). Reproduction and embryogenesis. In *Biology and Physiology of Freshwater Neotropical Fish* (pp. 287–313). Elsevier. <https://doi.org/10.1016/B978-0-12-815872-2.00013-0>
- Rodriguez, J. N., Otémé, Z. J., & Hem, S. (1995). Comparative study of vitellogenesis of two African catfish species Chrysichthys nigrodigitatus (Claroteidae) and Heterobranchus longifilis (Clariidae). *Aquat. Living Resour*, 8(4), 291–296.
- Roy, A., Hossain, Md. S., Rahman, M. L., Salam, M. A., & Ali, M. M. (2014). Fecundity and gonadosomatic index of Glossogobius giuris (Hamilton, 1822) from the Payra River, Patuakhali, Bangladesh. *Journal of Fisheries*, 2(2), 141. <https://doi.org/10.17017/jfish.v2i2.2014.42>
- Rukminasari, N., Nadiarti, & Awaluddin, K. (2014). Pengaruh derajat keasaman (pH) air laut terhadap konsentrasi kalsium dan laju pertumbuhan Halimeda SP. *Jurnal Ilmu Kelautan Dan Perikanan*, 24(1), 28–34.
- Safi, A., Khan, M. A., Hashmi, M. U. A., & Khan, M. Z. (2014). Length-weight relationship and condition factor of striped piggy fish, Pomadasys stridens (Forsskal, 1775) from Karachi Coast, Pakistan. *Journal of Entomology and Zoology Studies*, 2(5), 25–30.
- Schneider, J. C., Laarman, P. W., & Gowing, H. (2000). Length - weight relationships. In J. C. Schneider (Ed.), *Manual of Fisheries Survey Methods II: with Periodic Updates* (Fisheries Special 25, Vol. 17). Michigan Departemen of Natural Resource. www.dnr.state.mi.us
- Semiun, C. G., Arisoesilaningsih, E., & Retnaningdyah, C. (2013). Degradation of riparian tree diversity on spring fed drains and its impacts to water quality, East Java. *JTLS | J. Trop. Life. Science*, 3(2), 120–126.
- Servili, A., Canario, A. V. M., Mouchel, O., & Muñoz-Cueto, J. A. (2020). Climate change impacts on fish reproduction are mediated at multiple levels of the brain-pituitary-gonad axis. In *General and Comparative Endocrinology* (Vol. 291). Academic Press Inc. <https://doi.org/10.1016/j.ygcen.2020.113439>
- Setyawati, T., Narulita, S., Bahri Purnama, I., & Raharjo Teguh, G. (2015). *A guide book to invasive alien plant species in Indonesia* (T. Partomihardjo, S. Tjitarsoedirdjo, & Sunaryo, Eds.). Research, Development and Innovation Agency. Ministry of Environment and Forestry.
- Shen, P. P., Li, G., Huang, L. M., Zhang, J. L., & Tan, Y. H. (2011). Spatio-temporal variability of phytoplankton assemblages in the Pearl River estuary, with special reference to the influence of turbidity and temperature. *Continental Shelf Research*, 31(16), 1672–1681. <https://doi.org/10.1016/j.csr.2011.07.002>
- Shinkafi, B. A., & Ipinjolu, J. K. (2012). Gonadosomatic index, fecundity and egg size of Auchenoglanis occidentalis (Cuvier and Valenciennes) in River Rima, North-Western Nigeria. *Nigerian Journal of Basic and Applied Science*, 20(3), 217–224. <http://www.ajol.info/index.php/njbasis/index>
- Shuaib, N., & Ayub, Z. (2011). Length-weight relationship, fecundity, sex-ratio and gonadal maturation in shrimp scad, Alepes djedaba (Forsskal, 1775) landing at

- the Karachi Fish Harbour, Karachi, Pakistan. *International Fisheries Symposium* 2011, 10–16. <https://www.researchgate.net/publication/232613508>
- Singh, A., & Zutshi, B. (2020). Photoperiodic effects on somatic growth and gonadal maturation in mickey mouse platy, *Xiphophorus maculatus* (Gunther, 1866). *Fish Physiology and Biochemistry*, 46(4), 1483–1495. <https://doi.org/10.1007/s10695-020-00806-8>
- Sloat, M. R., & Reeves, G. H. (2014). Individual condition, standard metabolic rate, and rearing temperature influence steelhead and rainbow trout (*Oncorhynchus mykiss*) life histories. *Canadian Journal of Fisheries and Aquatic Sciences*, 71(4), 491–501. <https://doi.org/10.1139/cjfas-2013-0366>
- Srithongthum, S., Au, H. L., Amornsakun, T., Musikarun, P., Mok, W. J., Halid, N. F. A., Kawamura, G., & Lim, L. S. (2021). Reproductive characteristics of the pond-farmed sultan fish (*Leptobarbus hoevenii*). *Jurnal Ilmiah Perikanan Dan Kelautan*, 13(2), 51–60. <https://doi.org/10.20473/jipk.v13i2.27264>
- Steenis, C. G. GJ. van, & Kartawinata, J. A. (2010). *Flora pegunungan jawa*. LIPI Press.
- Surbakti, H. (2012). Karakteristik pasang surut dan pola arus di Muara Sungai Musi, Sumatera Selatan. *Jurnal Penelitian Sains*, 15(1), 35–39.
- Sutriana, Yasidi, F., & Nadia, L. O. A. R. (2020). Pola pertumbuhan dan faktor kondisi ikan belanak (*Mugil dussumieri*) di perairan Pulau Balu Kecamatan Tiworo Utara Kabupaten Muna Barat. *Jurnal Manajemen Sumber Daya Perairan*, 5(3), 210–219.
- Syandri, H., Azrita, & Aryani, N. (2013). Distribusi ukuran, reproduksi dan habitat pemijahan ikan bilik (*Mystacoleucus padangensis* Blkr.) di Danau Singkarak. *Bawal*, 5(1), 1–8.
- Tagarao, S. M., Solania, C. L., Jumawan, J. C., Masangcay, S. G., & Calagui, L. B. (2020). Length-weight relationship (LWR), gonadosomatic index (GSI) and fecundity of *Johnius borneensis* (Bleeker, 1850) from Lower Agusan River basin, Butuan City, Philippines. *J Aquac Res Development*, 11(6), 598. <https://doi.org/10.35248/2155-9546.20.11.598>
- Tambunan, A. R. P., Simanjuntak, C. P. H., Rahardjo, M. F., Zahid, A., Asriansyah, A., & Aditriawan, R. M. (2017). Komposisi dan luas relung makanan ikan Terapontidae di Teluk Pabean, Jawa Barat. *Prosiding Simposium Nasional Ikan Dan Perikanan*, 1, 21–30.
- Tananaev, N. I., & Debolskiy, M. v. (2014). Turbidity observations in sediment flux studies: Examples from Russian rivers in cold environments. *Geomorphology*, 218, 63–71. <https://doi.org/10.1016/j.geomorph.2013.09.031>
- Tank, S. K., & Chippa, R. C. (2013). Analysis of water quality of halena block in Bharatpur Area. *International Journal of Scientific and Research Publications*, 3(3), 1–6. www.ijrsp.org
- Tatangindatu, F., Kalesaran, O., & Rompas, R. (2013). Studi parameter fisika kimia air pada areal budidaya ikan di Danau Tondano, Desa Paleloan, Kabupaten Minahasa. *Budidaya Perairan*, 1(2), 8–19.

- Torres, M. A., Ramos, F., & Sobrino, I. (2012). Length-weight relationships of 76 fish species from the Gulf of Cadiz (SW Spain). *Fisheries Research*, 127–128, 171–175. <https://doi.org/10.1016/j.fishres.2012.02.001>
- Triana, N. (2011). *Pola pertumbuhan dan reproduksi ikan kuniran (Upeneus moluccensis Bleeker, 1855) di Perairan Teluk Jakarta, Jakarta Utara*. Institut Pertanian Bogor.
- Tsyganov, A. N., Malysheva, E. A., Zharov, A. A., Sapelko, T. v., & Mazei, Y. A. (2019). Distribution of benthic testate amoeba assemblages along a water depth gradient in freshwater lakes of the Meshchera Lowlands, Russia, and utility of the microfossils for inferring past lake water level. *Journal of Paleolimnology*, 62(2), 137–150. <https://doi.org/10.1007/s10933-019-00080-6>
- Udupa, K. S. (1986). Statistical method of estimating the size at first maturity in fishes. *Fishbyte*, 4(2), 8–10.
- Ujjania, N. C., Kohli, M. P. S., & Sharma, L. L. (2012). Length - weight relationship and condition factors of indian major carps (C. catla, L. rohita And C. mrigala) In Mahi Bajaj Sagar, India. *Research Journal of Biology*, 02(01), 50–56. www.scientific-journals.co.uk
- Ujjania, N. C., Sharma, L. L., & Kumar Balai, V. (2013). Length-weight relationship and condition factor of Indian Major Carp (Labeo rohita Ham., 1822) from Southhern Rajasthan, India. *Applied Biological Research*, 68(5), 1–5. www.IndianJournals.com
- Utomo, A. D., Ridho, M. R., Saleh, E., & Putranto, D. D. A. (2017). Pencemaran di Sungai Bengawan Solo dan Sragen, Jawa Tengah. *BAWAL Widya Riset Perikanan Tangkap*, 3(1), 25. <https://doi.org/10.15578/bawal.3.1.2010.25-32>
- Vari, R. P. (1978). *The Terapon perches (Percoidei, Teraponidae). A cladistic analysis and taxonomic revision* (Articel 5, Vol. 159, pp. 175–340).
- Vari, R. P., & Hadiaty, R. K. (2012). The endemic Sulawesi fish genus Lagusia (Teleostei: Terapontidae). *The Raffles Bulletin of Zoology*, 60(1), 157–162.
- Verhofstad, M. J. J. M., Grutters, B. M. C., van der Velde, G., & Leuven, R. S. E. W. (2013). Effects of water depth on survival, condition and stable isotope values of three invasive dreissenid species in a deep freshwater lake. *Aquatic Invasions*, 8.
- Vidyastari, O., Luh Watiniashih, N., Ayu Angga Pebriani, D., Kampus Unud Bukit Jimbaran, J., & Selatan, K. (2020). The reproductive biology of scad fish (*Decapterus* sp.) at Pelabuhan Perikanan Nusantara Pengambengan Jembrana, Bali. *Advances in Tropical Biodiversity and Environmental Sciences*, 4(1), 26–29. <https://doi.org/10.24843/atbes.v04.i01.p06>
- Wadu, R. A., Bungin Ada, Y. S., & Panggalo, I. U. (2017). Rancangan bangun sistem sirkulasi air pada akuarium/bak ikan air tawar berdasarkan kekeruhan air secara otomatis. *Jurnal Ilmiah FLASH*, 3(1), 1–10.
- Wallace, R. A., & Selman, K. (1981). Cellular and dynamic aspects of oocyte growth in teleosts 1. *Amer. Zool.*, 21, 325–343. <https://academic.oup.com/icb/article/21/2/325/206180>

- Wani, I. F., Bhat, F. A., Balkhi, M. H., Shah, T. H., & Bhat, B. A. (2018). Study on gonadosomatic index (GSI) during the three seasons (pre-spawning, spawning and post-spawning periods) of *Schizothorax niger* Heckel in dal lake, Kashmir. *Journal of Pharmacognosy and Phytochemistry*, 7(6), 2131–2136.
- Weber, M. (1894). *Zoologische ergebnisse einer reise in Niederlandisch Ost-indien - Eduard von Martens* - Google Books. Zoologische Ergebnisse Einer Reise in Niederlandisch Ost - Indien.
- Whitten, T., Henderson, G. S., & Mustafa, M. (2012). *Ecology of Sulawesi*. 853.
- Widiyastuti, H., Herlisman, & Pane, A. R. P. (2020). Ukuran layak tangkap ikan pelagis kecil di Perairan Kendari, Sulawesi Tenggara. *Marine Fisheries*, 11(1), 39–48.
- Winn, N. A., Sandi, P., Khaing, T., Nyunt, K. T., Kyaw, H. T., Sabai, M., & Aung, T. T. N. (2021). Length weight relationship of twelve freshwater fish species from Sunye Lake, Mandalay Region, Myanmar. *Greener Journal of Biological Sciences*, 11(2), 74–80. <https://www.researchgate.net/publication/355170158>
- Wu, J.-L., Ho, C.-R., Huang, C.-C., Srivastav, A. L., Tzeng, J.-H., & Lin, Y.-T. (2014). Hyperspectral sensing for turbid water quality monitoring in freshwater rivers: Empirical relationship between reflectance and turbidity and total solids. *Sensors*, 14, 22670–22688. <https://doi.org/10.3390/s141222670>
- Yang, S., Bai, Y., & Xu, H. (2018). Experimental analysis of river evolution with riparian vegetation. *Water (Switzerland)*, 10(11). <https://doi.org/10.3390/w10111500>
- Yankova, M., Pavlov, D., Raykov, V., Mihneva, V., & Radu, G. (2011). Length-weight relationships of Tten fish species from the Bulgarian Black Sea Waters. *Turkish Journal of Zoology*, 35(2), 265–270. <https://doi.org/10.3906/zoo-0912-44>
- Yogaswara, G. M., Indrayanti, E., Setiyono, H., Jurusan,), Kelautan, I., & Perikanan, F. (2016). *Pola arus permukaan di perairan Pulau Tidung, Kepulauan Seribu, Provinsi DKI Jakarta pada musim peralihan (Maret-Mei)* (Vol. 5, Issue 2). <http://ejournal-s1.undip.ac.id/index.php/jose>
- Yoshida, Y., Lee, H. S., Trung, B. H., Tran, H. D., Lall, M. K., Kakar, K., & Xuan, T. D. (2020). Impacts of mainstream hydropower dams on fisheries and agriculture in lower mekong basin. In *Sustainability (Switzerland)* (Vol. 12, Issue 6). MDPI. <https://doi.org/10.3390/su12062408>
- Yusuf, N. M. (2022). *Fekunditas dan diameter telur ikan endemik pirik (*Lagusia micrachantus* Bleeker, 1860) di Sungai Pattunuang Kawasan Karst Maros*. Universitas Hasanuddin.
- Zhi, W., Feng, D., Tsai, W. P., Sterle, G., Harpold, A., Shen, C., & Li, L. (2021). From hydrometeorology to river water quality: can a deep learning model predict dissolved oxygen at the continental scale? *Environmental Science and Technology*, 55(4), 2357–2368. <https://doi.org/10.1021/acs.est.0c06783>