



## DAFTAR PUSTAKA

- Abdurrahim, A. Y., F. Farida, R. R. Sari, M. V. Noordwijk, H. Yogaswarai, S. Adiwibowo, dan A. H. Dharmawan. (2021). Collective action in lake management (CALM): An Indonesian stocktake. IOP Conference Series: Earth and Environmental Science 789(1), 012039.
- Agarwal, B. (2010). Gender and green governance: the political economy of women's presence within and beyond community forestry. Oxford University Press. United Kingdom.
- Agatha, A. (2016). Traditional Wisdom in Land Use and Resource Management Among the Lugbara of Uganda: A Historical Perspective. SAGE Open 6(3).
- Agrawal, A. (2001). Common property institutions and sustainable governance of resources. World development 29(10): 1649-1672.
- Akbar, M. F., A. Alwi, N. I. N. Indar, dan M. T. Abdullah. (2021). Adaptive Governance Features from Stakeholder Issues in Lake Limboto Management. Journal of Asian Multicultural Research for Social Sciences Study 2(4): 19-29.
- Akbar, M. F., F. Djafar, dan A. Y. Tolinggi. (2023). Model Pengelolaan Danau Limboto Berbasis Tata Kelola Adaptif. Jurnal La Sociale 4(5): 341-356.
- Anouw, Y. (2014). Karakteristik morfologi dan rasio kelamin lobster air tawar *Cherax* sp. (Parastacidae) di Danau Tigi Kabupaten Deiyai Provinsi Papua. Fakultas Perikanan dan Ilmu Kelautan. Universitas Negeri Papua. Skripsi.
- Anshari, G. Z. (2006). Dapatkah Pengelolaan Kolaboratif Menyelamatkan Taman Nasional Danau Sentarum?. Center for International Forestry Research. Bogor.
- ANTARA News. (2020, Desember 3). *LIPi identifikasi ada 5.807 danau di Indonesia*. ANTARA News. <https://www.antaraneews.com/berita/1874548/lipi-identifikasi-ada-5807-danau-di-indonesia>
- Ashara, Y. (2023). Evaluasi Pelaksanaan Pengendalian Pengelolaan Keramba Jaring Apung Di Danau Maninjau Oleh Pemerintah Daerah Kabupaten Agam Provinsi Sumatera Barat. Fakultas Ilmu Sosial dan Ilmu Politik. Universitas Islam Riau. Skripsi.
- Badan Pusat Statistik Kabupaten Deiyai. (2022). Statistik Daerah Kabupaten Deiyai Tahun 2022.
- Badan Pusat Statistik Kabupaten Toba. (2021). Kabupaten Toba Dalam Angka Tahun 2021.
- Berkes, F. (2007). Community-Based Conservation in a Globalized World. Proceedings of the National Academy of Sciences 104(39): 15188–15193.
- Berkes, F. (2009). *Evolution of co-management: Role of knowledge generation, bridging organizations and social learning*. Journal of Environmental Management, 90(5), 1692–1702.
- Bobii, F. I. G. N. (2012). Deiyai dalam proses pembangunan bangsa. Bajawa Press.
- Brundtland Commission. World Commission on Environment and Development (WCED)(1987). *Our common future*.
- Chaffin, B. C, H. Gosnell, dan B. A. Cosens. (2014). Satu dekade kajian tata kelola adaptif: sintesis dan arah masa depan. Ekologi dan masyarakat 19(3).



- Church, J. M., A. Tirrell, W. R. Moomaw, dan O. Ragueneau. (2022). Sustainability: From ideas to action in international relations. In *Routledge Handbook of Global Environmental Politics: Second Edition*. Routledge. London.
- CNN Indonesia. (2020). *Luas Danau di Inondeisa Lebih Besar dari Thailand*. <https://www.cnnindonesia.com/teknologi/20201203173201-199-577681/total-luas-danau-di-indonesia-lebih-besar-dari-thailand#:~:text=Jakarta%2C%20CNN%20Indonesia--,oleh%2019%20personel%20dari%20LIPI.>
- Damanik, J. (2016). Lack of stakeholder partnerships in destination management: Lessons learned from Labuan Bajo, Eastern Indonesia. *Asian Journal of Tourism Research* 1(2): 173–198.
- Dinas Kependudukan dan Pencatatan Sipil Kabupaten Deiyai. (2025). *Data Kependudukan Kabupaten Deiyai Tahun 2025* [Data tidak dipublikasikan]. Pemerintah Kabupaten Deiyai.
- Endah, N. H., dan Nadjib, M. (2017). Pemanfaatan dan peran komunitas lokal dalam pelestarian Danau Maninjau. *Jurnal Ekonomi dan Pembangunan* 25(1): 55-67.
- Fabião, A. D. M. D. (2019). *Restoring the Ecological Quality of Riparian Ecosystems: A Multi-Level Approach*. Universidade de Lisboa. Disertasi.
- Folke, C., T. Hahn, P. Olsson, dan J. Norberg. (2005). Adaptive governance of social-ecological systems. *Annual Review of Environment and Resources* 30(1): 441–473.
- Giesen, W. (1994). Indonesia's major freshwater lakes: A review of current knowledge, development processes and threats. *Internationale Vereinigung für Theoretische und Angewandte Limnologie: Mitteilungen*, 24(1), 115-128.
- Guest, G., A. Bunce, dan L. Johnson. (2006). How many interviews are enough? An experiment with data saturation and variability. *Field Methods* 18(1): 59–82.
- Hamzah, H., D. Suharjito, dan I. Istomo. (2015). Efektifitas kelembagaan lokal dalam pengelolaan sumber daya hutan pada masyarakat Nagari Simanau, Kabupaten Solok. *Jurnal Risalah Kebijakan Pertanian dan Lingkungan* 2(2): 116-128.
- Hardin, G. (1968). The tragedy of the commons: the population problem has no technical solution; it requires a fundamental extension in morality. *science*, 162(3859): 1243-1248.
- Harianja, E. D., R. H. Harahap, dan Z. Lubis. (2021). Budaya batak toba dalam pelayanan pariwisata danau toba di parapat. *Perspektif* 10(2): 301-312.
- Hasim. (2017). *Model Pengelolaan Dauan (Sebuah Kajian Transdisipliner)*. Ideas Publishing. Gorontalo.
- Hirji, A., dan Duda, A. (2025). Integrated management of lakes, reservoirs, and their basins is critical for a climate-resilient planet: an urgent wake-up call from collective amnesia. *Water Policy* 27(1): 66–87
- International Union for Conservation of Nature. (2025, January 8). *One quarter of freshwater animals at risk of extinction: IUCN Red List update* [Press release]. <https://www.iucn.org/press-release/202501/one-quarter-freshwater-animals-risk-extinction-iucn-red-list>
- Irwandi, I., dan Chotim, E. R. (2017). Analisis konflik antara masyarakat, pemerintah dan swasta. *JISPO Jurnal Ilmu Sosial dan Ilmu Politik* 7(2): 24-42.



- Jentoft, S. 2003. Institutions in fisheries: what they are, what they do, and how they change. *Marine Policy*. 28: 137-149.
- Kayame, M. M., E. Indrawati, dan S. Mulyani. (2021). Analysis of water quality in paniai lake papua for aquaculture development. *Journal of Aquaculture Environment* 3(2): 23-29.
- Kayame, R., T. Anai, dan L. Sembel. (2016). Limnological study of lake tigi, papua: nutrient enrichment and algal growth. *Journal of Environmental Science and Management* 19(2): 45–54.
- Kleiber, D., Harris, L. M., dan Vincent, A. C. J. (2015). Gender and small-scale fisheries: A case for counting women and beyond. *Fish and Fisheries* 16(4): 547–562.
- Kusumawardhani, A. (2025). Sustainable management: an institutional inquiry for common-pool resources (case study of cirata reservoir, west java). *Journal of Scientific Research, Education, and Technology* 4(2): 1212-1226.
- Lorenzen, M., Q. Orozco-Ramirez, R. Ramirez-santiago, dan G. G. Garza. (2022). Governing the commons in Mexico's Mixteca Alta: Linking Ostrom's design principles and comunalidad. *Forest Policy and Economics* 145.
- Mamondol, M. R. (2018). Fungsi strategis Danau Poso, gangguan keseimbangan ekosistem, dan upaya penanggulangannya. *Journal of Chemical Information and Modeling* 53(9): 287.
- March, J. G., dan Olsen, J. P. (2006). Elaborating the "New Institutionalism". In *The Oxford Handbook of Political Institutions*. Oxford University Press. London.
- Miles, M. B., dan Huberman, A. M. (2014). Analisis Data Kualitatif: Buku Sumber Tentang Metode-Metode Baru. UI Press. Jakarta.
- Moritz, M., R. Behnke, C. M. Beitzl, R. B. Bird, R. M. Chiaravalloti, J. K. Clark, S. A. Crabtree, S. S. Downey, I. M. Hamilton, S. C. Phang, P. Scholte, dan J. A. Wilson. (2018). Emergent sustainability in open property regimes. *Proceedings of the National Academy of Sciences* 115(51): 12859-12867.
- Mote, G. (2024). Mitigasi Banjir dan Kenaikan Permukaan Air Danau Tigi di Kecamatan Tigi Kabupaten Deyai Provinsi Papua Tengah. *Manajemen Keamanan dan Keselamatan Publik FPM*. IPDN. Skripsi
- Murphy, K. (2012). The social pillar of sustainable development: a literature review and framework for policy analysis. *Sustainability: Science, Practice and Policy* 8(1): 15-29.
- Nakamura, M., dan Rast, W. (2014). Development of ILBM Platform Process: Evolving Guidelines Through Participatory Improvement. Shiga, Japan: International Lake Environment Committee Foundation (ILEC).
- Nontji, A. (2016). Danau-Danau Alami Nusantara. Masyarakat Limnologi Indonesia LIPI. Jakarta.
- North, D. C. (1990). Institutions, institutional change and economic performance. Cambridge University Press. United Kingdom.
- Novaczek, I., I. Harkes, J. Sopacua, dan M. D. Tatuhey, M. D. (2001). An Institutional Analysis of Sasi Laut in Maluku, Indonesia. ICLARM Technical Report 59. Penang: WorldFish Center.



- O'Higgins, T. G., M. Lago, dan T. H. DeWitt (Eds.). (2020). *Ecosystem-Based Management, Ecosystem Services and Aquatic Biodiversity: Theory, Tools and Applications*. Springer Nature.
- Ostrom, E. (1990). *Governing the commons: The evolution of institutions for collective action*. Cambridge University Press. United Kingdom.
- Ostrom, E. (2002). Common-pool resources and institutions: Toward a revised theory. In *Handbook of Agricultural Economics* (pp. 1315–1339).
- Ostrom, E. (2005). *Understanding Institutional Diversity*. Princeton University Press. New Jersey.
- Ostrom, E. (2009). A general framework for analyzing sustainability of social-ecological systems. *Science* 325(5939): 419-422.
- Ozili, P. K. (2025). Theories of sustainable development. *Sustainable Development, Humanities, and Social Sciences for Society 5.0*: 1–12.
- Palomo, L. E., dan Hernández-Flores, A. (2019). Application of the Ostrom framework in the analysis of a social-ecological system with multiple resources in a marine protected area. *PeerJ* 7: 1-23.
- Pekei, T. C. (2008). *Manusia Mee di Papua: Proteksi Kondisi Masa Dahulu, Sekarang dan Masa Depan di Atas Pedoman Hidup*. Pusat Studi Ekologi Papua.
- Pemerintah Kabupaten Deiyai. (2024). *Rencana Pembangunan Jangka Panjang Daerah (RPJPD) Kabupaten Deiyai Tahun 2025–2045*. Pemerintah Kabupaten Deiyai.
- Pemerintah Kabupaten Deiyai. (n.d.). *Wilayah dan Kabupaten Deiyai*. Retrieved January 12, 2025, from <https://new.deiyaikab.go.id/profil/wilayah-kabupaten>.
- Permatasari, P. A., dan Koestoer, R. H. T. S. (2022). Pengelolaan sempadan danau di kawasan pertanian: ulasan bandingan Polandia, Tiongkok dan Indonesia. *Jurnal Pengelolaan Lingkungan Berkelanjutan* 6(3):139-158.
- Permatasari, P. A., S. Setiawati, dan L. Subehi. (2023). Fisheries' sustainability of three lakes in Jakarta, Indonesia. *Aquaculture, Aquarium, Conservation & Legislation* 16(3): 1245-1253.
- Pospisil, L. J. (1963). *Perekonomian Kapauku Papua*. New Haven: Yale University. Amerika.
- Purvis, B., Y. Mao, dan D. Robinson. (2019). *Three pillars of sustainability: In search of conceptual origins*. *Sustainability Science* 14(3): 681–695.
- Putri, A. (2012). Tradisi prasejarah berlanjut pada masyarakat Mee di kawasan Danau Tigi, Kabupaten Deiyai. *Jurnal Penelitian Arkeologi Papua Dan Papua Barat* 4(2): 91-100.
- Raho, B. (2016). *Sosiologi: Sebuah pengantar (Edisi Revisi)*. Penerbit Ledalero. Maumere.
- Rosid, M. S., H. Irwandi, T. Mart, R. D. Susanto, dan A. Sulaiman. (2025). Evaluation of Lake Toba's water level decline in Indonesia over the past six decades. *Environmental Challenges* 18: 101071.
- Saldaña, J. (2014). *Thinking Qualitatively: Methods of Mind*. SAGE Publications. London.
- Satria, A., dan Matsuda, Y. (2004). Decentralization of fisheries management in



Indonesia. *Marine Policy* 28(5): 437-450.

- Soekanto, S. (2015). *Sosiologi: Suatu Pengantar*. Rajawali Press. Jakarta.
- Soeprbowati, T. R. (2015). Integrated lake basin management for save Indonesian lake movement. *Procedia Environmental Sciences* 23: 368-374.
- Sugiyono. 2013. *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. CV Alfabeta. Bandung.
- Suhardiman, D., L. Lebel, A. Nicol, dan T. Wong. (2017). Power and Politics in Water Governance: Revisiting the Role of Collective Action in the Commons. In *Water Governance and Collective Action: Multi-scale Challenges*. Routledge. London.
- Thornton, J. A. (2013). Stakeholder participation in lake management in Wisconsin (USA). *Lakes & Reservoirs: Research & Management* 18(1): 27-33.
- Toonen, T. A. J., dan Doorn, N. (2017). *Good Governance for the Commons: Design for Legitimacy*. Cambridge University Press. United Kingdom.
- Tucker, C. M., M. Š. Hribar, M. Urbanc, N. Bogataj, A. Gunya, R. Rodela, M. Sigura, dan L. Piani. (2023). Governance of interdependent ecosystem services and common-pool resources. *Land Use Policy* 127: 106575.
- Undang-Undang Nomor 2 Tahun 2021 tentang Perubahan atas Undang-Undang Nomor 21 Tahun 2001 tentang Otonomi Khusus bagi Provinsi Papua. (2021). Lembaran Negara Republik Indonesia Tahun 2021 Nomor 30.
- Undang-Undang Nomor 21 Tahun 2001 tentang Otonomi Khusus bagi Provinsi Papua. (2001). Lembaran Negara Republik Indonesia Tahun 2001 Nomor 135.
- Uphoff, N. (1996). Learning from Gal Oya-Possibilities for participatory development and post-Newtonian social science. *Asian-Pacific Journal of Rural Development* 6(2): 103-107.
- Verwiebe, R. (2024). Social Institutions. In *Encyclopedia of Quality of Life and Well-Being Research*. Springer International Publishing. Cham.
- Wetzel, R. (2001). *Limnology Lake and Reservoir Ecosystems*. Academic Press. United States.
- Yuniarti, I., C. Barnes, K. Glenk, dan A. McVittie. (2023). Toward sustainable lake ecosystem-based management: Lessons learned from interdisciplinary research of cage aquaculture management in Lake Maninjau. In *Environmental governance in Indonesia*. Springer International Publishing. Cham.