

## DAFTAR PUSTAKA

- Alongi, D.M., 2014. Carbon Cycling and Storage in Mangrove Forests. *Ann. Rev. Mar. Sci.* 6, 195–219. <https://doi.org/10.1146/annurev-marine-010213-135020>.
- Amsjarina, Siti. 2017. *Collaborative Governance* Dalam Mengawasi Kawasan Hutan Mangrove di Tokojo Kelurahan Kijang Kota. Skripsi. Universitas Maritim Raja Ali Haji Tanjungpinang.
- Anderson, James E. 1979. *Public Policy Making*. New York. Holt, Rinehart & Winston.
- Ari Saputra, M. I., Ilyas, A., Aspan, Z., Bakar, D. U. M., & Arifin, A. 2020. Permitting for Sustainable Natural Resources Management in Indonesia. *11(6)*, 486-491.
- Arifanti, V. B., Kauffman, J. B., Hadriyanto, D., Murdiyarso, D., & Diana, R. 2019. Carbon Dynamics and Land Use Carbon Footprints in Mangrove-Converted Aquaculture: The Case of The Mahakam Delta, Indonesia. *Forest Ecology and Management*, 432, 17-29.
- Asshiddiqie, Jimly. 2014. *Perihal Undang-Undang*. Jakarta. Rajawali Pers.
- Barbier, E. B. 2016. The protective service of mangrove ecosystems: A review of valuation methods. *Marine pollution bulletin*, 109(2), 676-681.
- Böcher, M. 2012. A theoretical framework for explaining the choice of instruments in environmental policy. *Forest Policy and Economics*, 16, 14-22.
- Buana News. 2021. Belum Memiliki Izin, Tambak di Aceh Jaya Rawan Dampak Lingkungan. Diakses melalui [buana.news/47618/belum-memiliki-izin-tambak-di-aceh-jaya-rawan-dampak-lingkungan/](https://www.buana.news/47618/belum-memiliki-izin-tambak-di-aceh-jaya-rawan-dampak-lingkungan/) pada 1 September 2021.
- Campbell, A., & Brown, B. 2015. Indonesia's Vast Mangroves are A Treasure Worth Saving. *The Conversation*.
- Cubbage, F., Harou, P., & Sills, E. 2007. Policy instruments to enhance multi-functional forest management. *Forest policy and economics*, 9(7), 833-851
- DasGupta, R., & Shaw, R. 2013. Cumulative Impacts of Human Interventions and Climate Change on Mangrove Ecosystems of South And Southeast Asia: an Overview. *Journal of Ecosystems*, 2013.
- Debrot, A. O., Veldhuizen, A., Van Den Burg, S. W., Klapwijk, C. J., Islam, M., Alam, M., ... & Poelman, M. 2020. Non-Timber Forest Product Livelihood-Focused Interventions in Support of Mangrove Restoration: A Call to Action. *Forests*, 11(11), 1224
- Donato, DC, Kauffman, JB, Murdiyarso, D., Kurnianto, S., Stidham, M., & Kanninen, M. 2011. Mangroves among the most carbon-rich forests in the tropics. *Nature Geoscience*, 4(5), 293–297

- Ellefson, P. V. 1992. *Forest resources policy: process, participants, and programs*. McGraw-Hill, Inc.
- Giessen L & Krott M. 2009. Forestry Joining Integrated Programmes? A question of willingness, ability and opportunities. *Allgemeine Forst-und Jagdzeitung* 180 (5-6), 94-100.
- Giri, C., Ochieng, E., Tieszen, L. L., Zhu, Z., Singh, A., Loveland, T., ... & Duke, N. 2011. Status and distribution of mangrove forests of the world using earth observation satellite data. *Global Ecology and Biogeography*, 20(1), 154-159.
- Frida Sidik dan Haruni Krisnawati. 2017. Policy Brief: Peluang 'Blue' Carbon sebagai Komponen Khusus NDC Indonesia. *Badan Litbang KLHK* 11(VI).
- Hamilton, L.S. and S.C. Snedaker. 1984. *Handbook for Mangrove Area Management*. Honolulu: Environment and Policy Institute, East-West Cent.
- Haris, R. 2014. Keanekaragaman vegetasi dan satwa liar hutan mangrove. *Bionature*, 15(2).
- Kabar Madura. 2020. Tambak Udang Ilegal Bebas Beroperasi selama Tidak Ketahuan. Diakses melalui [kabarmadura.id/tambak-udang-ilegal-bebas-beroperasi-selama-tidak-ketahuan/](http://kabarmadura.id/tambak-udang-ilegal-bebas-beroperasi-selama-tidak-ketahuan/) pada 1 September 2021.
- Kambey, S. Y. 2015. Pembagian Urusan Pemerintahan di Bidang Kehutanan (Antara Pemerintah Pusat, Pemerintah Daerah Provinsi, dan Pemerintah Daerah Kabupaten/Kota). *Katalogis*, 3(1).
- Kauffman, JB, Adame, MF, Arifanti, VB, Schile-Beers, LM, Bernardino, AF, Bhomia, RK, ... & Hernández Trejo, H. 2020. Total Ecosystem Carbon Stocks of Mangroves Across Broad Global Environmental and Physical Gradients. *Ecological Monographs*, 90(2)
- KLHK. 2021. NDC Indonesia, Ambisi dan Membumi. Diakses melalui [www.menlhk.go.id/site/single\\_post/3758/perubahan-iklim-ndc-indonesia-ambisi-dan-membumi](http://www.menlhk.go.id/site/single_post/3758/perubahan-iklim-ndc-indonesia-ambisi-dan-membumi) pada 1 September 2021.
- Direktorat Konservasi Tanah dan Air, Ditjen PDASRH, KLHK. 2021. Peta Mangrove Nasional. Dokumen PDF.
- Kumar, R. 2014 *Research Methodology A Step-by-Step Guide for Beginners*. 4th Edition, SAGE Publications Ltd., London.
- Kusmana, C. 2014. Distribution and Current Status of Mangrove Forests In Indonesia. *Mangrove ecosystems of Asia* (pp. 37-60). Springer. New York.
- Kusmana, C. 2018. *Mangrove Plant Utilization by Local Coastal Community in Indonesia*. *Earth and Environmental Science*, 196(1).
- Hogl, K., Kleinschmit, D., & Rayner, J. 2016. *Achieving policy integration across fragmented policy domains: Forests, agriculture, climate and energy*. *Environment and Planning C: Government and Policy*, 34(3), 399-414.

- Holling, C. S., & Meffe, G. K. 1996. Command and control and the pathology of natural resource management. *Conservation biology*, 10(2), 328-337.
- Ilman, M., Dargusch, P., & Dart, P. 2016. A historical analysis of the drivers of loss and degradation of Indonesia's mangroves. *Land Use Policy*, 54, 448-459
- Lovelock, C. E., Krauss, K. W., Osland, M. J., Reef, R., & Ball, M. C. 2016. The physiology of mangrove trees with changing climate. In *Tropical tree physiology* (pp. 149-179). *Springer*, Cham.
- Macintosh, D. J., & Ashton, E. C. 2002. A review of mangrove biodiversity conservation and management. Centre for tropical ecosystems research, University of Aarhus, Denmark.
- MacLeod, M. J., Hasan, M. R., Robb, D. H., & Mamun-Ur-Rashid, M. 2020. Quantifying greenhouse gas emissions from global aquaculture. *Scientific reports*, 10(1), 1-8.
- Muhtadi, A., Soewardi, K., & Taryono, T. 2017. Mangrove Ecosystem Resource Management Based on Silvofishery (*The Case of RPH Tegal-Tangkil, KPH Purwakarta, Blanakan Subang East Java*). *Jurnal Perikanan dan Kelautan*, 7(1), 25-39.
- Murdiyarso, D., Purbo Puspito, J., Kauffman, J. B., Warren, M. W., Sasmito, S. D., Donato, D. C., ... & Kurnianto, S. 2015. The potential of Indonesian mangrove forests for global climate change mitigation. *Nature Climate Change*, 5(12), 1089-1092.
- Mursyid, H., Daulay, M. H., Pratama, A. A., Laraswati, ... A., & Maryudi, A. 2021. Governance Issues Related to The Management and Conservation of Mangrove Ecosystems to Support Climate Change Mitigation Actions In Indonesia. *Forest Policy and Economics*, 133, 102622.
- Setiawan, H. 2013. Status ekologi hutan mangrove pada berbagai tingkat ketebalan. *Jurnal Penelitian Kehutanan Wallacea*, 2(2), 104-120.
- Qudenhoven, A.P.E, A.J. Siahainenian., I. Sualia., F.H. Tonneijck., S.V.D. Ploeg., R.S.D. Groot., R.Alkemade., R. Leemans. 2015. Effect of Different Management Regimes on Mangrove Ecosystem Services in Java, Indonesia. *Ocean and Coastal Management* Number 116 2015. pp.353-367
- Prima, Iwan Berri. 2015. Kompasiana: Tumpang Tindih Kewenangan Pengelolaan Hutan Mangrove di Kabupaten Bintan, Kepulauan Riau. Diakses melalui: [www.kompasiana.com/dokterhewan/54ffd3108133116b22fa7008/tumpang-tindih-kewenangan-pengelolaan-hutan-mangrove-di-kabupaten-bintan-kepulauan-riau](http://www.kompasiana.com/dokterhewan/54ffd3108133116b22fa7008/tumpang-tindih-kewenangan-pengelolaan-hutan-mangrove-di-kabupaten-bintan-kepulauan-riau) pada 11 Januari 2022.
- Raharjo, P., Setiady, D., Zallesa, S., & Putri, E. 2016. Identifikasi kerusakan pesisir akibat konversi hutan bakau (mangrove) menjadi lahan tambak di kawasan pesisir Kabupaten Cirebon. *Jurnal Geologi Kelautan*, 13(1).

- Rahayu, Nur Hygiawati. 2021. *Strategi Nasional Pengelolaan Lahan Basah*. Kementerian PPN/Bappenas: Materi Presentasi dalam Strategi Pengelolaan Karbon Biru di Indonesia Juli 2021.
- Rahman, R., Widodo, S., Azikin, B., & Tahir, D. 2019. Chemical composition and physical characteristics of coal and mangrove wood as alternative fuel. In *Journal of Physics: Conference Series* Vol. 1341 (5) p. 052008. IOP Publishing.
- Richards, DR, & Friess, DA. 2016. Rates and drivers of mangrove deforestation in Southeast Asia, 2000–2012. *Proceedings of the National Academy of Sciences*, 113(2), 344-349.
- Riski Maruto. 2021. *Hanya Lima dari Ratusan Tambak Udang di Bengkalis Kantongi Izin*. Antaranews. Diakses melalui [riau.antaranews.com/berita/233762/hanya-lima-dari-ratusan-tambak-udang-di-bengkalis-kantongi-izin](http://riau.antaranews.com/berita/233762/hanya-lima-dari-ratusan-tambak-udang-di-bengkalis-kantongi-izin) pada 1 September 2021.
- Rizal, A., Sahidin, A., & Herawati, H. 2018. Economic value estimation of mangrove ecosystems in Indonesia. *Biodiversity International Journal*, 2(1), 98-100.
- Salahuddin, C. F., & Sugiharto, E. 2012. Kajian pencemaran lingkungan di Tambak Udang Delta Mahakam. *Jurnal Teknosains*, 2(1).
- Sasmito, S. D., Kuzyakov, Y., Lubis, A. A., Murdiyarso, D., Hutley, L. B., Bachri, S., ... & Borchard, N. 2020. Organic carbon burial and sources in soils of coastal mudflat and mangrove ecosystems. *Catena*, 187, 104414.
- Schusser, C. 2013. Who determines biodiversity? An analysis of actors' power and interests in community forestry in Namibia. *Forest Policy and Economics*.
- Syahputra, O. K. 2018. *Kelembagaan Pengelolaan Hutan Mangrove Berbasis Masyarakat: Kasus KPH Wilayah 3 Provinsi Aceh*. Dissertation, IPB.
- Tempo. 2021. Ingin Indonesia Kuasai Pasar Ekspor Udang Dunia ini Program KKP. Diakses melalui: [ingin-indonesia-kuasai-pasar-ekspor-udang-dunia-ini-program-kkp](http://ingin-indonesia-kuasai-pasar-ekspor-udang-dunia-ini-program-kkp) pada 14 Juni 2021.
- Pham, T. T., & Le Thi, T. T. 2019. Incorporating blue carbon into Nationally Determined Contributions: Current Status, Opportunities and Challenges Of 13 Asia-Pacific Countries (Vol. 274). CIFOR.
- Vedung, E. 1998. Policy instruments: typologies and theories. Carrots, Sticks and Sermons: Policy Instruments and Their Evaluation. M.-L. Bemelmans-Videc, R. Rist and E. Vedung. *New Brunswick, Transaction*: 21-58.
- Wahyuni IN, 2012. Cadangan Karbon Hutan Mangrove di Sulawesi Utara Antara Tahun 2000-2009. *BPK Manado* Vol.2 No.2.
- Vera Afrianti. 2021. Pemkab Pesisir Barat akan Segel Tiga Tambak Udang Ilegal. Rmol Lampung. Diakses melalui [rmollampung.id/pemkab-pesisir-barat-akan-segel-tiga-tambak-udang-ilegal](http://rmollampung.id/pemkab-pesisir-barat-akan-segel-tiga-tambak-udang-ilegal) pada 1 September 2021.



- Wodehouse, D. C. 2020. *Towards successful community mangrove management and rehabilitation*. Bangor University, UK.
- Zulfikar, Wildan Gayuh. 2020. Sudah Tahu Cara Mengurus SIUP Tambak Udang? Dikases Melalui [https://app.jala.tech/kabar\\_udang/sudah-tahu-cara-mengurus-siup-tambak-udang?](https://app.jala.tech/kabar_udang/sudah-tahu-cara-mengurus-siup-tambak-udang?)