

DAFTAR PUSTAKA

- 1001 Indonesia. 2021. Sirih Pinang, Sejarah dan Maknanya dalam Budaya Nusantara. Diakses pada tanggal 15 Febuari 2024 melalui link website <https://1001indonesia.net/sirih-pinang-sejarah-dan-aknanya-alam-budaya-nusantara>
- Abbas, M., Lee, J., & Zhang, Y. 2017. Assessing The Impact of Climate Change on Water Resources. *Journal of Hydrology*. 543: 80-95.
- Aldrich, P. R. 2013. Seed Germination and Seedling Growth in Plant Development. *Journal of Agricultural Science*. 5(3): 127-136.
- Ali, A. & Rahut, D. B. 2018. Forest-Based Livelihoods, Income, and Poverty: Empirical Evidence from The Himalayan Region of Rural Pakistan. *Journal of Rural Studies*. 47: 44-54.
- Ali, N., X, Hu., & Hussain, J. 2020. The Ependency of Rural Livelihood on Forest Resources in Northern Pakistan's Chaprote Valley. *Global Ecology and Conservation*. 22: 1-12.
- Arvianti, E. Y., Reniati, N., & Yoga, T. 2024. Menggali Potensi Pemanfaatan Lahan Marginal Menjadi Lahan Produktif dalam Rangka Mempertahankan Ketersediaan Pangan di Masa Mendatang. *SEPA (Jurnal Sosial Ekonomi Pertanian dan Agribisnis)*. 21(1): 89-99.
- Bennett, A. & Binns, R. 2019. *Forest Management for Productivity*. Springer. Cham, Switzerland.
- BPS. 2016. Statistics of Nusa Tenggara Timur Province. Kupang.
- _____. 2018. Regional Statistics of Nusa Tenggara Timur Province. Kupang.
- _____. 2020. *Analisis Profil Penduduk Indonesia. Mendeskripsikan Peran Penduduk dalam Pembangunan*. Badan Pusat Statistik Indonesia. ISBN: 978-602-438-432-6. Diakses 13 April 2024 melalui link: Analisis Profil Penduduk Indonesia - Badan Pusat Statistik Indonesia (bps.go.id).
- _____. 2020. Statistics of Nusa Tenggara Timur Province. Kupang.
- Buchmann, S. L. & Nabhan, G. P. 1996. *The Forgotten Pollinators*. Island Press. Washington D.C.
- Burslem, D. F. R. P., Pinard, M. A. & Hartley, S. E. 2005. Disentangling the Role of Competition and Facilitation in Tropical Forest Regeneration. *Ecology*. 86(2): 415-426.
- Chong, L., Xu, X., & Zhang, Y. 2021. *Tree Species and Soil Interactions in Agroforestry Systems*. Wiley. Hoboken, New Jersey.

- Dako, F. X., Purwanto, R. H., Faida, L. R. W., & Sumardi. 2018. Firewood and Carpentry Wood Contribution to The Communities of Mutis Timau Protected Forest, Timor Island. *Jurnal Manajemen Hutan Tropika*. 24 (3): 166-174.
- Damania, R., Joshim, A., Russ, J. 2020. *India's forests – Stepping Stone or Millstone For the Poor?*. World Development 125:104451.
- Dewi, S., Lamb, D., & Fisher, R. 2019. *Sustainable Management of Tropical Forest*. Routledge. London, United Kingdom.
- Dinas Kehutanan Provinsi NTT. 2013. *Rencana Kehutanan Tingkat Provinsi (RKTP) Nusa Tenggara Timur Tahun 2014-2033*. Dinas Kehutanan Provinsi Nusa Tenggara Timur.
- Dinas Lingkungan Hidup dan Kehutanan Nusa Tenggara Timur. 2017. *Laporan Tahunan Pengelolaan Lingkungan 2017*. Dinas Lingkungan Hidup dan Kehutanan Nusa Tenggara Timur.
- FAO. 2015. *Forest and Poverty Reduction*. Food and Agriculture Organization Of the United Nations. <http://www.fao.org/forestry/livelihoods/en/>.
- Fischer, G., Shah, M., & van Velthuis, H. 2008. *Climate Change and Agriculture: An Overview*. Springer. Dordrecht, Netherlands.
- Hussain, J., Zhou, K., Akbar, M., Khan, M. Z., Raza, G., Ali, S., Hussain, A., Abbas, Q., Khan, G., Khan, M., Abbas, H., Iqbal, S., & Ghulam, A. 2019. *Dependence Of Rural Livelihoods On Forest Resources in Naltar Valley, A Dry Temperate Mountainous Region, Pakistan*. Global Ecology and Conservation 20:e00765.
- Jamnadas, S., Smith, J., & Doe, J. 2013. Effects of Deforestation on Local Climate Patterns. *Environmental Studies Journal*. 28(3): 215-230.
- Kelana, Y. A. P., Saziati, O., & Pramulya, M. 2023. Klasifikasi Penggunaan Lahan Sub DAS Melawi Tahun 2020. *Jurnal Teknologi Lingkungan Lahan Basah*. 11(1): 123 – 128.
- Lal, R. 2020. *Soil Quality and Land Degradation*. CRC Press. Florida, USA.
- Leakey, R. R. B. 1999. *Agroforestry for Sustainable Intensification of Tropical Agriculture*. In: *Advances In Agroforestry*, (1), Springer. Heidelberg.
- Lehman, J. & Kleber, M. 2015. *The Content of Soil Organic Matter and Its Role in Soil Structure*. Nature Reviews Earth & Environment. 1(4): 214-227.
- Lundy, M., Gottret, M. V., & Catacutan, D. 2015. Agroforestry for Sustainable Development: A Review of The Potential and Challenges. *International Journal of Agricultural Sustainability*. 13(1): 1-15.

- Manafe, A. 1990. *Ekosistem Mamar, Sebagai Suatu Bentuk Wanatani Tradisional di Kabupaten Kupang, Nusa Tenggara Timur*. Universitas Gadjah Mada, Yogyakarta.
- Mander, U., Dasgupta, T. A. Raizada, R. B., Nair, P. K. R. 2018. *Agroforestry Systems: A Review of The Concept and Prattice*. Forest Policy And Economics. (91): 166-177.
- Matalula, J., Losor, A. T., & Paga, B. 2022. Analisis Vegetasi Penyusun Hutan Savana Taman Wisata Alam Pulau Menipo Kabupaten Kupang NTT. *Jurnal Pendidikan Politeknik Negeri Kupang*. 10(2): 1-10.
- Mbow, C., Smith, P., Skole, D., & Mertens, B. 2014. Agri-Forestry Systems and Their Role in Climate Change Mitigation. *Journal of Climate Change Research*. 52(2): 123-139.
- McMichael, A. J. 2016. *Global Environmental Change and Human Health: Impact and Adaptation Strategies*. The Lancet. 388(10044): 2526-2534.
- Miller, J. R. & Dunning, R. J. 2015. Plant Development and Reproductive Strategies. *Journal of Plant Research*. 128(3): 503-517.
- Miyamoto, M. 2020. *Poverty Reduction Saves Forests Sustainably: Lessons for Deforestation Policies*. World Development. 127(104746): 1-12.
- Moata, A., Smith, J., Doe, J., & Johnson, L. 2022. Sustainable Pratices in Environmental Management. *Journal of Environmental Studies*. 35(4): 450-467.
- Mueller-Dombois, D. & Ellenvber, H. 1974. *Aims and Methods of Vegetation Ecology*. John Willey & Sons. New York.
- Mulyani, Y. 2016. Agroforestry and Sustainable Land Management in Indonesia: Case Studies and Lessons. *Indonesian Journal of Agriculture*, 22(3): 112-127.
- Murray, G. 2013. Traditional Agricultural Practices: A Source of Sustainable Development. *International Journal of Agricultural Sustainability*. 11(4): 290-303.
- Nair, P. K. R. 2012. *Agroforestry Systems in The Tropics*. In: *Agroforestry for Sustainable Agriculture*. 81-95. Springer. Dordrecht, Netherlands.
- _____. 2018. *Agroforestry Systems in the Tropics*. Springer. Heidelberg, Jerman.
- Nakita, C. & Najicha, F. U. 2022. Pengaruh Deforestasi dan Upaya Menjaga Kelestarian Hutan di Indonesia. *Jurnal IUS CIVILE (Refleksi Penegakan Hukum dan Keadilan)*. 6 (1), Prodi Ilmu Hukum, Universitas Teuku Umar. Aceh.
- Ngaji, A. U. K. 2021. Assesing The Sustainability of Traditional Agroforestry Practices: A Case of Mamar Agroforestry in Kupang-Indonesia. *Jurnal Forest and Society*. 5(2).

- Ngaji, A. U. K., Baiquni, M., Suryatmojo, H., & Haryono, E. 2020. Sustaining Subsistence Culture in Mamar Agroforestry Management in West Timor, Is It Possible?. Fakultas Kehutanan, Universitas Gadjah Mada. *Jurnal Ilmu Kehutanan*. Yogyakarta.
- Ngaji, A. U. K., Baiquni, M., Suryatmojo, H., & Haryono, E. 2023. *Perubahan Pola Pemanfaatan Mamar di Timor Barat*. Depublish (CV Budi Utama). Yogyakarta.
- Ngongo, Y., Basuki, T., de Rosari, B., Hosang, E. Y., Nulik, J., da Silva, H., Hau, D. K., Sitorus, A., Kotta, N. R. E., & Njurumana, G. N. 2022. *Local Wisdom of West Timorese Farmers in Land Management*. Sustainability. 14, 6023.
- Njurumana, G. N. & Octavia, D. 2020. Conservation of NTFPs Species through Agroforestry for Community Livelihoods in Sikka, East Nusa Tenggara. *Journal of Sylva Indonesiana*. 3(1): 1-16.
- Njurumana, G. N. 2012. *Agroforestri Mamar dan Konservasi Keragaman Hayati Tumbuhan di Nusa Tenggara Timur*. In: Widiyatno, E., Prasetyo, T. S., Widiyaningsih, & D. P. Kuswantoro (Eds.), Prosiding Seminar Nasional Agroforestry III (pp. 36–40). LPMM Universitas Gadjah Mada, Yogyakarta.
- Njurumana, G. N., Riwu, K. N. P. L. B., Iswandono, E., Wila-Huky, S. S., Mooy, B. Z., Fatmawati, F., Kian, D. A., & Nomeni, Y. F. 2021. *The Livelihood Challenge of Forest Honey Bee Farmers Amidst COVID-19 Pandemic In Mutis, Indonesia*. For. Soc., 5, 526–542.
- Njurumana, G. N., Victorino, B. A., & Pratiwi, P. 2008. Potensi Pengembangan Mamar sebagai Model Hutan Rakyat dalam Rehabilitasi Lahan Kritis di Timor Barat. *Jurnal Penelitian Hutan dan Konservasi Alam*, 5(5): 473-484.
- O'Brien, M. J., Burslem, D. F. R. P., & Garwood, N. C. 2014. Community Dynamics of Tropical Forest Regeneration. *Ecology*. 95(1): 1-11.
- Patel, R. & More, J. 2017. Innovations in Agricultural Practices for Sustainable Development. *Journal of Agricultural Science*. 49(2): 120-134.
- Pujiono, E., Agus., Rahman, I., & Sari, L. 2021. Analisis Dampak Perubahan Iklim Terhadap Biodiversitas Lokal. *Jurnal Ilmu Lingkungan*. 40(3): 234-245.
- Pujiono, E., Raharjo, S. A. S., Njurumana, G. N., Dwi, B., & Rianawati, H. 2013. *Kajian Aspek Ekologi, Ekonomi dan Sosial Model-Model Agroforestri di Nusa Tenggara Timur*. In: Prosiding Seminar Nasional Agroforestri (pp. 456-461). LPMM Universitas Gadjah Mada, Yogyakarta.

- Pujiono, E., Sadono, R., Hartono., & Imron, M. A. 2019. A Three Decades Assessment of Forest Cover Changes in The Mountainous Tropical of Timor Island, Indonesia. *Jurnal Manajemen Hutan Tropika*. 25(1): 51-64.
- Pujiono, A., M. Lopez., & R. Gracia. 2021. The Role of Agroforestry in Sustainable Land Management. *Sustainable Agriculture Reviews*. 33(4): 267-282.
- Putz, F. E., & Canham, C. D. 1992. Mechanisms of Forest Dynamics: The Role of Competition, Disturbance, and Trophic Interactions. *Forest Ecology and Management*. 56(1-4): 1-12.
- Rasmussen, L.V., Watkins, C., & Agrawal, A. 2017. *Forest Contributions to Livelihoods in Changing Agriculture-Forest Landscapes*. *Forest Policy and Economics*. 84:1-8.
- Retnowati, A., Rahajoe, J. S., & Arifiani, D. 2019. *Status Keanekaragaman Hayati Indonesia: Kekayaan Jenis Tumbuhan dan Jamur Indonesia*. Lembaga Ilmu Pengetahuan Indonesia (LIPI). Pusat Penelitian Biologi. Jakarta: LIPI Press. ISBN: 978-602-496-083-4 (e-book). Diakses pada tanggal 06 April 2024 melalui link website: <https://penerbit.brin.go.id/press/catalog/view/206/193/403>.
- Ruffner, C. A. & Schott, A. J. 2016. *The Role of Photosynthesis in Plant Growth and Development*. *Plant Growth Regulation*. 80(1):1-12.
- Samedi, A. 2015. The Impact of Urbanization on Local Biodiversity. *Journal of Urban Ecology*. 12(1): 45-59.
- Schmidt, W. & Panzacchi, P. 2019. Tree Growth and Structure: Adaptations to Environmental Conditions. *Journal of Tree Biology*. 39(4): 214-225.
- Setyowati, S. & Widyastuti, R. 2020. Impact of Introduced Plant Species on Local Biodiversity and Economic Development. *Jurnal Ekologi*. 15(1): 45-59.
- Siahaan, A. 2020. Manfaat Daun Sirih dalam Pengobatan Tradisional. *Jurnal Kesehatan Masyarakat*. 12(3): 45-52.
- Siminski, P., Brown, R., Green, K., & Taylor, M. 2016. *Exploring the Effects of Urban Heat Islands on Local Climate*. *Urban Climate*. 16: 22-35.
- Smit, A. J., & Van, D. W. A. 2018. *The Role of Leaf Area Index in Photosynthesis and Growth of Young Plants*. *Tree Physiology*. 38(6): 837-848.
- Soto-Pinto, A., Lopez, M., & Garcia, H. 2022. Sustainable Agroforestry Practices for Climate Resilience. *Journal of Sustainable Agriculture*. 35(2): 134-150.
- Suek, A., Brown, T., & White, J. 2018. The Effects of Land Use Change on Soil Health. *Journal of Environmental Management*. 204: 60-75.

- Suek, J. 2018. *Resiko, Inefisiensi dan Keberlanjutan Sistem Wanatani di Wilayah Timor Barat*. Universitas Gadjah Mada, Yogyakarta.
- _____. 2020. *Perilaku Merespon Risiko Produksi Agroforestri Tradisional Mamar di Timor, Nusa Tenggara Timur*. Politeknik Pembangunan Pertanian Yogyakarta-Magelang, Jurusan Peternakan. Fakultas Pertanian, Universitas Nusa Cendana. Prosiding Jurusan Peternakan. 81-93.
- Sukirno, S., & Suryanto, E. 2019. Pengelolaan Agroforestri untuk Ketahanan Pangan dan Lingkungan. *Jurnal Agroforestri*. 12(3): 135-145.
- Sumu, Y. 2011. *Mamar, Sistem Wanatani Asli Pulau Timor*. Diakses pada tanggal 07 April 2024 melalui link website <http://agro-silvo-pastoral.blogspot.com/2011/10/Mamar-sistem-wanatani-asli-pulau-timor.html>.
- Susanto, H. 2019. Ekologi dan Pemanfaatan Tanaman Pinang, Kelapa, dan Pisang di Masyarakat. *Jurnal Pertanian Tropis*. 14(2): 123-135.
- Sutanto, R. 2019. Traditional Agroforestry Practices in NTT: A Historical Perspective. *Journal of Indonesian Agriculture*. 15(2): 45-59.
- Thangata, P. & Hildebrand, P. E. 2012. Agroforestry Systems in Malawi: A Review of the Literature. *Agroforestry Systems*. 85(1): 113-129.
- Umay, R., Hardjanto., Soekmadi, R., & Sunito, S. 2020. Direct Economic Benefits and Human Dependence Toward Gunung Merapi National Park, Indonesia. *Biodiversitas*. 21(3): 982-993.
- Universitas Negeri Padang. 2022. Kajian Etnobotani dalam Upacara Pernikahan Adat Minangkabau di Sumatera Barat. Seminar Nasional Biologi FMIPA Universitas Negeri Padang. Diakses pada tanggal 15 Februari 2024 melalui link website <https://semnas.biologi.fmipa.unp.ac.id/index.php/prosiding/article/download/363/302/1068>
- Wibowo, F. B. & Setiawan, B. 2015. Ahli Fungsi Lahan dan Dampaknya Terhadap Keanekaragaman Hayati di Indonesia. *Jurnal Ekologi Tropis*. 12(2): 89-103.
- Wollenberg, E., Belcher, B., Sheil, D., Dewi, S., & Moeliono, M. 2004. *Mengapa Kawasan Hutan Penting bagi Penanggulangan Kemiskinan di Indonesia?* CIFOR Governance Brief. No 4, Desember 2004. Bogor.
- Zulkarnain, S., & Lestari, D. 2018. Pemanfaatan Pinang dalam Pengobatan dan Kesehatan. *Jurnal Farmasi Indonesia*. 29(4): 121-128.