Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai
Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

Abdillah, Y. 2016. *Resources Innovation Towards Industrialization And Downstream Policy In Tourism Products: An Analysis Of Special Interest Tourism Development In Banyuwangi Regency, Indonesia. Advances In Economics, Business And Management Research, Volume 191.*

Acero, L. 2023. *Marine turtle Conservation Program at Puerto Princesa Subterranean River National Park: Challenge and Opportunities during Covid-19 Pandemin. Biotropia* Vol 30 (1): 106-115. doi:10.11598/btb.2023.301.1915

Andrades, R., Santos, R.G., Joyeux, J.C, Chelazzi, D., Cincinelli, A., Giarrizzo, T. 2018. Marine debris in Trindade Island, a Remote Island of the South Atlantic. Marine Pollution Bulletin 137 :180-184 doi:10.1016/j.marpolbul.2018.10.003

Afandy,Y.A., Yulianda,F., Agus,S.B., and Liew, L.P. 2016. *Habitat Suitability And Zoning Analysis For Green Turtle Chelonia mydas In The Marine Conservation Areas Of Pangumbahan Turtle Park, Sukabumi.* Jurnal Ilmu dan Teknologi Kelautan Tropis, Vol. 8(2): 2539-552.

Aguilera, M., Suárez, M.M., Pinós,J., Loza, A.L., L. Benejam. 2018. *Marine debris as a barrier: assessing the impacts on sea turtle hatchlings on their way to the ocean Marine Pollution Bulletine* 137 : 481-487

Akarsu, C., Sonmez, V.Z., Altay, M.C., Pehlivan, T., and Sivri, N. 2022. *The Spatial and Temporal Changes Of Beach Litter on Istanbul (Turkey) Beaches as Measured by The Clean Coast Index. Marine Pollution Bulletin* 176 (113407). doi.org/10.1016/j.marpolbul.2022.113407

Akira, R., Wandia, I. N., & Adyana, I. W. 2012. Komposisi genetik penyu hijau (*Chelonia mydas*) hasil tangkapan liar dari Nusa Tenggara Barat (Bima dan Teluk Cempi). Journal Indonesia Medicus Veterinus, (1):22-36.

Alkalay, R., Pasternak, G. and Zask, A. 2007. *Clean-coast index - A new approach for beach cleanliness assessment. Ocean and Coastal Management,* 50(5–6): 352–362. https://doi.org/10.1016/j.ocecoaman.2006.10.002

Andriyono, S. dan Mubarak, A.S. 2011. Korelasi Perubahan Garis Pantai Terhadap Konservasi Penyu Hijau (*Chelonia mydas*) Di Taman Nasional Meru Betiri, Jawa Timur.Jurnal Ilmiah Perikanan dan Kelautan Vol. 3 No. 2.

UNIVERSITAS GADJAH MADA
Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Arifianti,D.N., Yona, D., dan Sari, S.H.J.S. 2024.Komposisi Sampah Laut di Pesisir Pantai Kabupaten Banyuwangi, Jawa Timur. *Journal of Marine and Coastal Science* Vol. 13 (3).

Azizan, N.H., Hashim, N and Rusli M.U. 2023. *Site Suitability Analysis for Sea Turtle Nesting Area by using AHP and GIS. IOP Conference Series: Earth and Environmental Science* 1217 (012031). doi:10.1088/1755-1315/1217/1/012031

Bakiu R, Roncarati A and Kamberi E .2023. *Editorial: Inorganic and organic pollutants in marine and coastal environments. Frontiers in Marine Sciene*. 10:1245833. doi: 10.3389/fmars.2023.1245833

Balai Taman Nasional Meru Betiri. 2025. Laporan Kinerja Balai Taman Nasional Meru Betiri 2024. Kementerian Kehutanan, Direktorat Jenderal Konservasi Sumber Daya Alam Dan Ekosistem. Jember.

Balazs, G. H., Van Houtan, K. S., Hargrove, S. A., Brunson, S. M., and Murakawa, S. K. (2015). *A Review of The Demographic Features of Hawaiian Green Turtles (Chelonia Mydas). Chelonian Conservation Biology* 14, 119–129. doi: 10.2744/CCB-1172.1

Barreto, R., Bornatowski, H., Fieldler, F., Pontalti, M., da Costa, K., Nascimento, C., Kotas, J. 2019. Macro-debris Ingestion and Entanglement by Blue Sharks (Prionace Glauca Linnaeus, 1758) in The Temperate South Atlantic Ocean Marine Pollution Bulletin 145, 214–218.

Bergmann, M., Gutow, L., Klages, M., 2015. In: Bergmann, M., Gutow, L., Klages, M. (Eds.). *Marine Anthropogenic Litter*. Springer.

Bird, E. 2008. *Coastal Geomorphology: An Introduction.* Wiley

Blickley, L.C., Currie, J.J., Kaufman, G.D., 2016. *Trends and drivers of debris Accumulation on Maui shorelines: implications for local mitigation strategies.* Marine Pollution Bulletine. 105 (1), 292–298. https://doi.org/10.1016/j.marpolbul.2016.02.007.

BMKG. 2025. Buletin BMKG: Buletin Informasi Iklim Edisi 06-08 MMXXV. Direktorat Perubahan Iklim Kedeputian Bidang Klimatologi Badan Meterologi dan Klimatologi dan Geofisika. Jakarta.

Broderick, A.C., F. Glen, B. J. Godley & G. C. Hays. 2001. *Trophic status drives interannual variabilityin nesting numbers of marine turtles. Proceeding R. Society London B 268: 1481-1487. doi 10.1098/rspb.2001.1695*

Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai
Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Broderick, A.C., F. Glen, B. J. Godley & G. C. Hays. 2003. *Variation in reproductive output of marine turtles. Journal of Experimental Marine Biology and Ecology* (288): 95-109. doi.org/10.1016/S0022-0981(03)00003-0

Bush, D.M., and Young, R. 2009. *Coastal features and processes, in Young, R., and Norby, L., Geological Monitoring: Boulder, Colorado, Geological Society of America*, p. 47–67, doi: 10.1130/2009.monitoring(03)

Cahyanto, T., Chairunnisa, D., Sudjarwo, T. 2014. Analisis Vegetasi Pohon Hutan Alam Gunung Manglayang Kabupaten Bandung. Jurnal Kajian Islam, Sains dan Teknologi Vol. 8 No. 2. Fakultas Sains dan Teknologi Universitas Islam Negeri Sunan Gunung Djati Bandung.

Caridi, F., Sabbatini, A., Birarda, G., Costanzi, E., De Giudisi, G., Galeazzi, R., Medas, D., Mobbili, G., Ricciutelli, M., Ruello, M.L., Vaccari, L., and Negri, A. 2020. *Cigarette butts, a threat for marine environments: Lessons from benthic foraminifera (Protista). Marine Environmental Research* Vol 162:105150 https://doi.org/10.1016/j.marenvres.2020.105150

Carson, H.S., Colbert, S.L., Kaylor, M.J. & Mc Dermid, K.J. 2011. *Small plastic debris changes water movement and heat transfer through beach sediments*. *Marine Pollution Bulletine* 62:1708–1713.

Chen, C.L., and Bau, Y.P., 2016. *Establishing A Multi-criteria Evaluation Structure for tourist beaches in Taiwan: A Foundation for Sustainable Beach Tourism. Ocean Coastal Management Vol* 121: 88–96. doi.org/10.1016/j.ocecoaman.2015.12.013.

Christiaanse J C., J.A.A.,Antolínez, Luijendijk A.P., Athanasiou, P., Duarte, C.M., and Aarninkhof, S. 2024. *Distribution of Global Sea Turtle Nesting Explained from Regional- Scale Coastal Characteristics .Scientifc Reports. Nature* 14:752 https://doi.org/10.1038/s41598-023-50239-5

Choi, D.Y., Gredzens, C., Shaver, D.J. 2022. Plastic Ingestion by Green Turtles (*Chelonia mydas*) Over 33 years along The Coast of Texas, USA. Marine Pollution Bulletin 173:113111

Colman, L.P., Lara, P.H., Bennie, J., Broderick, A.C., de Freitas, J.R., Marcondes, A., Witt, M.J., Godley, B.J. 2020. *Assesing Coastal Artificial light and Potential Exposure of Wildlife at a National Scale : The Case of Marine Turtles in Brazil. Biodiversity and Conservation* 29: 1135-1152. https://doi.org/10.1007/s10531-019-01928-z

UNIVERSITAS GADJAH MADA
Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Cordova, M. R., dan Nurhati, I. S. 2019. *Major Sources and Monthly Variations in The Release of Land-derived Marine Debris from the Greater Jakarta area, Indonesia. Scientific Reports*, 9(18730).doi.org/10.1038/s41598-019-55065-2

Cristiano, S.C., Rockett, G.C., Portz, L.C., Souza-Filho, J.R. 2020. *Beach landscape Management As A Sustainable Tourism Resource in Fernando de Noronha Island (Brazil).* Marine Pollution Bulletine, 150pp. 1-13, https://doi.org/10.1016/j.marpolbul.2019.110621

CSIRO. 2014. *Marine debris. Sources, distribution and fate of plastic and other refuse - and its impact on ocean and coastal wildlife.* UNEP.

Damanhuri H., Dahelmi D., Syandri H., Bengen D. G., 2019 *Biophysical characteristics on nesting habitat of green turtle Chelonia mydas in the coastal zone of Kasiak, Bindalang and Karabak Ketek Island of West Sumatra, Indonesia*. *International Journal of Agricultural Science* 3(2):44-49.

Damian,M., Harris,A., Aussage,J., and Fraser, G.S. 2022. *Seasonal Deposition of Marine Debris on An Important Marine Turtle Nesting Beach In Costa Rica. Marine Pollution Bulletin* 177 (113525). doi.org/10.1016/j.marpolbul.2022.113525

Darmawan,A., Saputra,D.K., Wiadnya,D G R, and Gusmida, A.M. 2018. *Prediction of Supratidal Zones as Turtle Nesting Sites using Remote Sensing and Geographic Information System, A Case Study in Pacitan, Southern Java Sea*. I*OP Conference Series: Earth and Environmental Science* 137(012091) doi :10.1088/1755-1315/137/1/012091

De, K., Sautya, S., Dora, U.G., Gailwad, S., Katke, D., Salvi, A., 2023. *Mangroves In The "Plasticene": High Exposure of Coastal Mangroves to Anthropogenic Litter Pollution along the Central-West Coast of India. Science Total Environment* 858: 160071. https://doi. org/10.1016/j.scitotenv.2022.160071

de Faria, LAP., Martins, A.S, Pereira J, A. 2022. *Green turtles nest survival: Quantifying the hidden predation. Marine Environmental Research* p. 105666 doi: 10.1016/j.marenvres.2022.105666

Dewi, S, A., Endrawati, H., Redjeki, S. 2016. Analisisa Persebaran Sarang Penyu Hijau (Chelonia Mydas) Berdasarkan Vegetasi Pantai Di Pantai Sukamade Merubetiri Jawa Timur. *Buletin oseanografi Marina*. Vol. 5, No.2, Hal. 115-120.

UNIVERSITAS GADJAH MADA
Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Dharmadi dan Wiadnyana, N. N. 2008. Kondisi Habitat dan Kaitannya dengan Jumlah Penyu Hijau (*Chelonia mydas*) yang Bersarang di Pulau Derawan, Berau-Kalimantan Timur. Jurnal Penelitian Perikanan Indonesia 14(2):195—204.

Di Febbraro, M.; Frate, L.; de Francesco, M.C.; Stanisci, A.; Tozzi, F.P.; Varricchione, M.; Carranza, M.L. 2021. *Modelling Beach Litter Accumulation on Mediterranean Coastal Landscapes: An Integrative Framework Using Species Distribution Models.* Land Vol 10:54. https://doi.org/ 10.3390/land10010054

Direktorat Konservasi dan Taman Nasional Laut. 2009. Pedoman Teknis Pengelolaan Konservasi Penyu. Direktorat Konservasi dan Taman Nasional Laut. Direktorat Jenderal Kelautan, Pesisir dan Pulau-Pulau Kecil. Departemen Kelautan dan Perikanan Republik Indonesi. Jakarta.

Direktorat Jenderal Kelautan, Pesisir Dan Pulau-Pulau Kecil. 2012. Pedoman Mitigasi Tsunami dengan Vegetasi Pantai. Jakarta:Kementerian Kelautan dan Perikanan Republik Indonesia.

Djatmiko, E. B., 2012. Perilaku dan Operabilitas Bangunan Laut di Atas Gelombang Acak. Surabaya: ITS Press.

Duarte, C.M., Losada, I.J., Hendriks, I.E..2013. *The role of coastal plant communities for climate change mitigation and adaptation. National Climate Change* 3 (11), 961–968.

Duhec, A.V., Jeanne,R.F. , Maximenko, N., Hafner, J. 2015. *Composition and potential origin of marine debris stranded in the Western Indian Ocean on remote Alphonse Island, Seychelles. Marine Pollution Bulletine,* 96:76-86, doi:10.1016/j.marpolbul.2015.05.042

Duncan, E.M., et al., 2018. *The True Depth Of The Mediterranean Plastic Problem: Extreme Microplastic Pollution on Marine Turtle Nesting Beaches in Cyprus.* Marine Pollution Bulletine 136, 334–340. https://doi.org/10.1016/j.marpolbul.2018.09.019

Effendi, H. 2003. Telaah Kualitas Air. Kanisius. Yogyakarta.

Elfidasari, D., Sabil, M.Q.T., Sasaerilla,Y., and Sugoro, I. 2022. *Distribution and nesting habitat of green sea turtles (Chelonia mydas) in Pangumbahan Turtle Conservation Area, Sukabumi, Indonesia. AACL Bioflux*, Volume 15(5). http://www.bioflux.com.ro/aacl

UNIVERSITAS GADJAH MADA
Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
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Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Er-Ramy N., Nachite D., Anfuso G., Azaaouaj S. 2023. *The sector analysis as a coastal management tool for sustainable tourism development on the Mediterranean Coast of Morocco. Sustainability* 15(16):12581.

Fachrul, M.F. 2007. Metode Sampling Bioekologi. Jakarta: PT Bumi Aksara

Firliansyah, E., Kusrini, M. D., dan Sunkar, A. 2017. Pemanfaatan dan efekti-vitas kegiatan penangkaran penyu di bali bagi konservasi penyu. *Journal of Tropical Biodiversity and Biotechnology,* 2:21-27.

Ford, H.V., Jones, N.H., Davies,A.J., Godley, B.J., Jambeck J.R., NApper I.E., Suckling, C.C., Williams, G.J.,Woodall, L.C., and Koldewey, H.J. 2022. *The fundamental links between climate change and marine plastic pollution. Science of the Total Environment,* 806: 150392, doi:10.1016/j.scitotenv.2021.150392

Fuentes M.P.,Lawler I.R. and Gyuris E. 2006. *Dietary Preference of Juvenile green turtle (Chelonia mydas) on a tropical reef flat. Wildlife Research 33, 671–678.*

Gall, S.C., and Thompson, R.C., 2015. *The impact of debris on marine life. Marine Pollution Bulletine* 92: 170–179. https://doi.org/10.1016/j.marpolbul.2014.12.041.

Gallitelli, L., Battisti, C., Scalici, M., 2023. *Dunal Plants Intercepting Macrolitter: Implications for Beach Clean-ups.* Marine Pollution Bulletine 187, 114585. doi: 10.1016/j.marpolbul.2023.114585.

Gleason, F.H., Allerstorfer, M. & Lilje, O. (2020). *Newly Emerging Diseases of Marine Turtles, Especially Sea Turtle Egg Fusariosis (SEFT), caused by Species in the Fusarium solani complex* (FSSC). *Mycology* 11, 184–194. https://doi.org/10. 1080/21501203.2019.1710303

Gracia, A., Rangel-Buitrago, N., 2020. The Invasive Species *Perna viridis* (Linnaeus, 1758 - *Bivalvia: Mytilidae*) on Artificial Substrates: A Baseline Assessment for The Colombian Caribbean Sea. Marine Pollution Bulletin 152, 110926.

Grilliot, M.J., Walker, I.J., Bauer, B.O., 2019. *Aeolian sand transport and deposition patterns within a large woody debris matrix fronting a foredune. Geomorphology* 338, 1–15.

Gündoğdu,S., Yeşilyurt,I.N., and Erbaş, C. 2019. Potential Interaction between Plastic Litter and Green Turtle *Chelonia Myda*s during Nesting in An Extremely Polluted Beach. Marine Pollution Bulletin. Volume 140:138-145

UNIVERSITAS
GADJAH MADA
**Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai
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Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Gutberlet, J. and Uddin, S.M.N.2017. *Household Waste and Health Risks Affecting Waste Pickers and The Environment in Low and Middle Income Countries. International Journal of Occupational and environmental Health* VoL.23(4):299–310. https://doi.org/10.1080/10773525.2018.1484996

Haarr M.L.,, Westerveld L, Fabres J, Iversen KR, Busch KET. 2019. *A Novel GIS-based tool for Predicting Coastal Litter Accumulation and Optimising Coastal Cleanup Actions. Marine Pollution Bulletine* 139:117–26. https://doi.org/10.1016/j.marpolbul.2018.12.025.

Haryati, J.R., Putri, J.F., Chairiyah, N., Harris, A., Putri, H.A., and Pamungkas, R.N. 2016. *Action Plan in Developing Sea Turtle Conservation as Ecotourism Attraction in Sukamade, Meru Betiri National Park. Journal of Indonesian Tourism and Development Studies* . doi.org/10.21776/ub.jitode.2016.004.02.04

Hibatullah,M.F., dan Mutaqin, B.W. 2024. *Marine Debris Characteristics in Various Coastal Typologies in the Gunungkidul Coastal Area of Yogyakarta-Indonesia. Discover Geoscience Research* Vol 2: 28

Hikmawati, D. 2005. Karakteristik Fisik Pantai Dan Pesisir Sukamade dan Bandealit Sebagai Habitat Bertelur Penyu Hijau (*Chelonia mydas* L.) di Taman Nasional Meru Betiri Jawa Timur. Skripsi. Fakultas Geografi. Universitas Gadjah Mada.

Huffard, C.L., Erdmann, M.V., and Gunawan T.R.P. 2012. *Geographic Prioritize for Marine Biodiversity Conservation in Indonesia. Ministry of Marine Affairs and Fisheries and Marine Protected Areas Governance Program.* Jakarta, Indonesia. 105 pp. ISBN: 978-602-98450-6-8

Hong S., Lee, J., Jang, Y.J, Kim, YJ., Kim, H.J., Han, D., Hong, S.H., Kang,D., Shim, W.J. 2013. *Impacts of marine debris on wild animals in the coastal area of Korea. Marine Pollution Bulletin Marine Pollution Bulletin* 66:117–124

Ibrahim, H., Djumanto, dan Probosunu, N. 2016. Sebaran Lokasi Peneluran Penyu Hijau *(Chelonia mydas)* di Pulau Sangalaki Kepulauan Derawan Kabupaten Berau. Jurnal Perikanan Universitas Gadjah Mada 18 (2): 39-46
ISSN: 0853-6384 eISSN: 2502-5066

Idrus, F. A., Roslan, N. S., & Harith, M. N. 2022. *Occurrence of Macro- and Microplastics on Pasir Pandak Beach, Sarawak, Malaysia*. Jurnal Ilmiah Perikanan dan Kelautan, 14(2):214-230. doi.org/10.20473/jipk.v14i2.34034

Indriyanto. 2006. Ekologi Hutan. PT. Bumi Aksara. Jakarta

UNIVERSITAS GADJAH MADA
Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Isnain, M.N, and Mutaqin, B.W. 2023. *Geomorphological and Hydro-Oceanographic Analysis related to the Characteristics of Marine Debris on the South Coast of Yogyakarta–Indonesia. Rendiconti Lincei. Scienze Fisiche e Naturali* 34(1):227–39. https://doi.org/10.1007/s12210-022-01125-1.

Isnaini, P.A. and Mutaqin, B.W. 2025. *Anthropogenic marine debris in a tropical mangrove conservation area: an insight from Yogyakarta coastal area of Indonesia. Anthropocene Coasts 8:15* . doi.org/10.1007/s44218-025-00080-2

Jeantet, L., Hadetskyi, Vigon, V., Korysko, F,. Paranthoen, N, and Chevallier, D. 2022. *Estimation of the Maternal Investment of Sea Turtles by Automatic Identification of Nesting Behavior and Number of Eggs Laid from a Tri-Axial. Animals* 12:520. doi.org/10.3390/ani12040520

Jensen, M.P, Allen, C.D., Eguchi, T., Bell,I.P., La Casella, I.L., Hilton, W.A., Hof, C.A.M., and Dutton, P.H. 2018. *Environmental Warming and Feminization of One of the Largest Sea Turtle Populations in the World. Current Biology* 28, 154–159.

Jones T.T, dan Seminoff, J.A .2013 *Feeding Biology: Advances from Field-based Observations, Physiological Studies, and Molecular Techniques.* In: Wyneken J, Lohman K.J, Musick J.A (eds) *The Biology of Sea Turtles*. CRC Press, Boca Raton, pp 221–259.

Kasa, V.P, Brahmandam,A.K.S.V., Samal, B., Cheela, V.R.S., Dubey, B.K, and Pathak, K. 2025. *Assessment of Coastal Litter Trends in Tourist vs. Non-tourist Beaches: A Case Study from Indian Coastal Smart City. Science of the Total Environment* 959:178339.

Kennedy, D. M., & Woods, J. L. D. 2012. *The infuence of coarse woody debris on gravel beach geomorphology. Geomorphology,* 159–160, 106–115. https://doi.org/10. 1016/j.geomorph.2012.03.009

Kershaw,P., Turra, A., and Galgani, F. 2019. *Guidelines for the Monitoring and Assessment of Plastic Litter in the Ocean*. GESAMP Reports and Studies No. 99.

Khalid, A.A., Razak,N.I.A., Anuar,S.T., Ibrahim,Y.S., Rusli,M.U., Jaafar, M. 2025. *Microplastics Contamination In Natural Sea Turtle Nests At Redang Island, Malaysia. Marine Pollution Bulletin.*

KLHK. (2020). Pedoman Pemantauan Sampah Laut: Sampah Pantai, Sampah Terapung, dan Sampah Dasar Laut. Direktorat Pengendalian Pencemaran dan

UNIVERSITAS GADJAH MADA
Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Kerusakan Pesisir dan Laut, Direktorat Jenderal Pengendalian Pencemaran dan Kerusakan Lingkungan, Kementerian Lingkungan Hidup dan Kehutanan.

Kühn, S., Bravo Rebolledo, E. L., & van Franeker, J. A. 2015. *Deleterious effects of litter on marine life*. In M. Bergmann, L. Gutow & M. Klages (Eds.), *Marine anthropogenic litter* (pp. 75–116). Berlin: Springer

Kühn, S., van Franeker, J.A., 2020. *Quantitative overview of marine debris ingested by marine megafauna. Mar. Pollut. Bull.* 151, 110858 https://doi.org/10.1016/j. marpolbul.2019.110858.

Kusky T. 2008. *The coast: Hazardous interactions within the coastal environment. New York: Facts On File, Incorporation*.

Kusmana, C. 1997. Metode Survey Vegetasi. IPB Press. Bogor

Laignel, B., Vignudelli, S., Almar, R. Becker, M.Bentamy, A. ,Benveniste, J. Birol, F., Frappart, F., Idier, D., Salameh, E., Passaro, M., Menende, M., Simard, M., Turki, E.I. ,Verpoorter, C. 2023. *Observation of the Coastal Areas, Estuaries and Deltas from Space. Surveys in Geophysics* 44:1309–1356 https://doi.org/10.1007/s10712-022-09757-6

Langford, E. 2006. *Quartiles in Elementary statistics. Journal of Statistics Education* 14(3): 120. doi.org/10.1080/10691898.2006.11910589

Latan, Hengky. 2014. Aplikasi Analisis Data Statistika untuk Ilmu Sosial Sains dengan IBM SPSS. Penerbit Alfabeta. Bandung.

Lavers, J.L., Bond, A.L., 2016. *Ingested plastic as a route for trace metals in Laysan albatross (Phoebastria immutabilis) and Bonin petrel (Pterodroma hypoleuca) from midway atoll*. Marine Pollution Bulletine. 110, 493–500. https://doi.org/10.1016/j.marpolbul. 2016.06.001.

Lavers J. L., Bond A. L., 2017. *Exceptional and rapid accumulation of anthropogenic debris on one of the world's most remote and Pristine islands*. Proceedings of the National Academy of Sciences of the USA 114(23):6052-6055.

Lebreton, L. C. M., van der Zwet, J., Damsteeg, J. W., Slat, B., Andrary, A., & Reisser, J. 2017. *River Plastic Emissions to The World's Oceans. Nature Communications,* 8:15611.

Lee, J.T.,Yen, L.Y., Chu,M.Y., Lin,Y.S., Chang,C.C., Lin,R.S., Chao, K.H., and Lee, M.J. 2020. *Growth Characteristics and Anti-Wind Erosion Ability of Three Tropical Foredune Pioneer Species for Sand Dune Stabilization . Sustainability* 12:3353; doi:10.3390/su12083353.

Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai
Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Lippiatt, S., Opfer, S., & Arthur, C. 2013. *Marine Debris Monitoring and Assesment: Recommendation for Marine Debris Trends in the Marine Environment. NOAA Marine Debris Division.*

Lukum, R., Hafid, R and Mahmud, M. 2022. Pengaruh Perubahan Musim Terhadap Pendapatan Nelayan. *Journal of Economic and Business Education* Vol 1(1).

Lucia,G., Giuliani,M.E., d'Errico, G., Booms,E., Benedetti,M., Di Carlo, M., Daniele Fattorini,D., Gorbi,S., and Francesco Regoli, F. 2023. *Toxicological Effects Of Cigarette Butts For Marine Organisms Environment International* Vol 171(107733).

Macreadie, P.I., Trevathan-Tackett, S.M., Baldock, J.A., Kelleway, J.J., 2017. *Converting beach-cast seagrass wrack into biochar: a climate-friendly solution to a coastal problem. Science Total Environ*ment 574, 90–94

Maleki, M., dan Soria, K. 2020. *Multivariate Geostatistical Modeling and Risk Analysis of Beach Litter: A Case Study of Playa Blanca Beach, Chile. Environmental Research and Public Health*. 17, 8384

Mahsun, M.S. 2005. Metode Penelitian Bahasa: Tahapan Strategi, Metode dan Tekniknya. Jakarta: PT RajaGrafindo Persada.

Marinho,F.F., Simões,A.O., Barcellos, T., Moura, S. 2016. *Brazilian Tabernaemontana genus: Indole Alkaloids and Phytochemical Activities.* Fitoterapia Volume 114: 127-137. doi.org/10.1016/j.fitote.2016.09.002

Mendonça, D.M., de Lacerda, L.D., Agostinho, K.F.F., Diele-Viegas, L. 2024. *Infuence of Lunar Phases and Oceanographic Parameters on Green Turtle Nesting in Rocas Atoll.* Biologia 79:2135–2142
doi.org/10.1007/s11756-024-01695-5

Miguel R. A. M. S., Anastacio R., Pereira M. J., 2022 *Sea turtle nesting: What is know and what are the challenges under a changing climate scenario. Open Journal of Ecology* 12(1):1-35.

Mumtaz, M.Y. 2020. Studi Potensi Energi Gelombang Laut Di Pantai Selatan Banyuwangi Menggunakan Sumber Data Era5 (ECMWF) Dan Pengukuran Lapangan Departemen Teknik Kelautan Fakultas Teknologi Kelautan Institut Teknologi Sepuluh Nopember Surabaya . Tugas Akhir.

Murphy, E., Nistor, I., Cornett, A., Wilson, J., & Pilechi, A. 2021. *Fate and transport of coastal driftwood: A critical review. Marine Pollution Bulletin*, 170, 112649. https:// doi.org/10.1016/j.marpolbul.2021.112649

Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai
Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Myers, R.A., Baum,J.K., Shepher, T.D, and Peterson, C.H. 2007, *Cascading Effects of the Loss of Apex Predatory Sharks from a Coastal Ocean. Science* 315, 1846 doi: 10.1126/science.1138657

Nelms, S. E., Duncan, E. M., Broderick, A. C., Galloway, T. S., Godfrey, Matthew H., Hamann, M., Lindeque, P. K., and Godley, B. J. 2016. *Plastic and Marine Turtles: A Review and Call for Research.ICES Journal of Marine Science,* 73: 165–181.

NOAA. 2015. *Turning The on Trash A Learning Guide on Marine Debris*. NOAA PIFSC CRED.

NOAA. 2016. *National Oceanic and Atmospheric Administration Marine Debris Program.. Report on Marine Debris Impacts on Coastal and Benthic Habitats. Silver Spring, MD: National Oceanic and Atmospheric Administration Marine Debris Program*

Notoadmojo,S. 2010. Metodologi Penelitian Kesehatan. Jakarta: Rineka Cipta

Nuitja, I.N.S. 1992. Biologi dan Ekologi Pelestarian Penyu Laut. Bogor: IPB Press.

Odum, E. P. 1998. Dasar-dasar Ekologi. Diterjemahkan dari Fundamental of. Ecology oleh T. Samingan. Gadjah Mada University Press. Yogyakarta

Peraturan Bupati Banyuwangi Nomor 57 Tahun 2021 tentang Penetapan Rencana Pembangunan Kawasan Perdesaan Selingkar Sukamade Kabupaten Banyuwangi tahun 2021-2025.

Perumal, K., Muthuramalingam, S., Chellaiyan, S., 2023. *Marine Litter on The Beaches of The Kanyakumari, Southern India: An Assessment of Their Abundance and Pollution Indices. Marine Pollution Bulletin* 186, 114443.

Pervez, R and Lai, Z. 2022. *Spatio-temporal variations of litter on Qingdao tourist beaches in China. Environmental Pollution* 303 (119060). doi.org/10.1016/j.envpol.2022.119060

Pheasey H, Glen ,G., Allison, N.L., Fonseca, L.G., Chacón, D., Restrepo, J and Valverde, R.A. 2021. *Quantifying Illegal Extraction of Sea Turtles in Costa Rica. Frontiers in Conservation Science* Vol 2:705556.

Phelan A., Ross H., Setianto N. A., Fielding K., Pradipta L. 2020. *Ocean Plastic Crisis-Mental Models Of Plastic Pollution From Remote Indonesian Coastal Communities.* PLoS One 15(7):e0236149.

Pratama, A.A., dan Romadhon, A. 2020. Karakteristik Habitat Peneluran Penyu di Pantai Taman Kili-Kili Kabupaten Trenggalek dan Pantai Taman Hadiwarno Kabupaten Pacitan. Juvenil Vol 1(2): 198-209.

Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai
Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Prihadi, D.J., Shofiyullah, A. dan Dhahiyat, Y. 2018. *Marine tourism and the locations of protected turtles on Sukamade Beach, Meru Betiri National Park, East Java. IOP Conference Series: Earth and Environmental Science 137:012050 1234567890 . doi :10.1088/1755-1315/137/1/012050*

Prawirodiputra, B. R. 2007. Kirinyuh (*Chromolaena odorata L.*) : Gulma Padang Rumput yang Merugikan. Bulletin Ilmu Peternakan Indoneaia WARTAZOA. 17(1):46-52

Putera, A.A.R., Sulmartiwi, L., dan Tjahjaningsih, W. 2015. Pengaruh Kedalaman Sarang Penetasan Penyu Hijau (*Chelonia mydas*) Terhadap Masa Inkubasi Dan Persentase Keberhasilan Penetasan Di Pantai Sukamade, Taman Nasional Meru Betiri, Banyuwangi Jawa Timur. Jurnal Ilmiah Perikanan dan Kelautan Vol. 7 (2).

Putra, A.Y., Astuti,I.P, Cropper, W.P.J.R. 2019. *Comparing six different species distribution models with several subsets of environmental variables: Predicting thepotential current distribution of Guettarda speciosain Indonesia.* B iodiversitas Vol 20:8 p 2321-2328. doi: 10.13057/biodiv/d200830

Putri,S.E.N., Yona, D., Setyawan, F.O., dan Pangestuti, E. 2024. Analisis Kualitas Pantai Berdasarkan Keberadaan Sampah di Pantai Wisata Bahak, Probolinggo. Jurnal Ilmu Lingkungan (2024), 22 (4): 1009-1016, ISSN 1829-8907

Ramilo-Henry, M., Umbelina, B., Matilde, E., and Duncan E,M.. 2023. *Plastic pollution on remote islands: A baseline study of Príncipe, Gulf of Guinea. Marine Environment Resource* 191.

Ramos, J.A.A., Barletta, M., Dantas, D.V., Lima, A.R.A., & Costa, M.F. 2011. *Influence of moon phase on fish assemblages in estuarine mangrove tidal creeks. Journal of Fish Biology*, 78(1), 344–354. doi: 10.1111/j.1095-8649.2010.02851.x

Rangel-Buitrago N., Gracia C. A., Vélez-Mendoza A., Mantilla-Barbosa E., Arana V. A., Trilleras J., Arroyo-Olarte H. 2018. *Abundance and distribution of beach litter along the Atlántico Department, Caribbean coast of Colombia.* Marine Pollution Bulletin (136):435-447.

Rangel-Buitrago N., Gracia C. A., Vélez-Mendoza A.,Florian, A.C, Martinez L.M., and Neal A.J. 2019. *Where did this resfuse come from? Marine Anthropogenic Litter on A Remote Island of the Colombian Caribbean Sea*. Marine Pollution Bulletin (149):110611

Rangel-Buitrago,N., Cortés, H.V., Barría-Herrera,J., Contreras-López,M., and Agredano, R. 2019. *Marine debris occurrence along Las Salinas beach, Viña Del*

UNIVERSITAS GADJAH MADA
Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Mar (Chile): Magnitudes, impacts and management. Ocean and Coastal Management 178:104842

Rangel-Buitrago,N., Williams, A.T., Neal, W.J., Gracia, A., and Micallef, A. 2022. *Litter in Coastal and Marine Environments. Marine Pollution Bulletin* 177 (113546). doi.org/10.1016/j.marpolbul.2022.113546

Rech,S., Caquilpán, V.M., Pantoja,J.F., Rivadeneira,A.J., Madariaga, D.J., and Thiel, M. 2014. *Rivers as a source of marine litter – a study from the South East Pacific. Marine Pollution Bulletine* 82 : 66-75. doi: 10.1016/j.marpolbul.2014.03.019

Redding, OT., Castorani , M.C.N., Lasala, J. 2024. *The Effects of Dune Plant Roots on Loggerhead turtle (Caretta caretta) Nest Success. Ecology and Evolution* 1;14(4):e11207. doi: 10.1002/ece3.11207

Reyna, J. 2016. *Land/Sea Physical Interaction. Estuaries and Coasts*, Vol. 36: 390-400. *United Nation.*

Ribic, C.A., Sheavly, S.B., Rugg, D.J., Erdmann, E.S., 2012. *Trends in marine debris along the US Pacific coast and Hawai'i* 1998–2007. *Marine Pollution Bulletine.* 64 (5), 994–1004. doi.org/10.1016/j.marpolbul.2012.02.008.

Rochman, C.M. et al. 2013. *Classify Plastic Waste as Hazardous. Comment, Nature* 494: 169-171

RPE TNMB. 2023. Rencana Pemulihan Ekosistem (RPE) Taman Nasional Meru Betiri Kabupaten Jember Dan Kabupaten Banyuwangi Provinsi Jawa Timur Periode 2024 – 2028. Balai Taman Nasional Meru Betiri. Jember

Ryan, P.G., Moore, C.J., van Franeker, J.A., Moloney, C.L. 2009. *Monitoring the Abundance of Plastic Debris in the Marine Environment. Philosophical Transactions of the Royal Society of London. Series B. Biological Sciences* 364, 1999–2012

Ryan, P.G. 2015. Does Size and Buoyancy Affect The Long-Distance Transport of Floating Debris?. Environmental Research Letter 10 (084019). doi:10.1088/1748-9326/10/8/084019

Sandaruwan, R.D.C., Bellanthudawa, B.K.A., Perera, I.J.J.U.N., Udayanga, K.A.S. 2023. *Index Based Approach For Assessment of Abundance of Marine Debris and Status of Marine Pollution In Kandakuliya, Kalpitiya, Sri Lanka. Marine Pollution Bulletin* 197:115724 . doi.org/10.1016/j.marpolbul.2023.115724

UNIVERSITAS GADJAH MADA
Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Saputra, D. K., Darmawan, A., dan Arsad, S. 2019. Dampak Cuaca Ekstrim Periode Tahun 2016-2018 terhadap Kawasan Konservasi Penyu di Sepanjang Pesisir Selatan Jawa Timur. *Journal of Fisheries and Marine Research*. 3(1):118—126.

Santos, R.G., Pinheiro,H.T., Martins, A.S., Riul, P., Bruno,S.C., Janzen, F.J., and Ioannou,C.C. 2016. *The Anti-predator Role of within-nest Emergence Synchrony in Sea Turtlehatchlings.* Proceeding Royal Society. B 283:20160697. http://dx.doi.org/10.1098/rspb.2016.0697

São Miguel, R.A.M., Anast´acio, R., and Pereira, M.J., 2022. *Sea Turtle Nesting: What is Known and What are The Challenges Under a Changing Climate Scenario. Open Journal of Ecology* 12, 1–35

Schwartz M L .2005. *Encyclopedia of Coastal Science Springe*r: Netherland

Silva I. S. S., Arantes M. O., Hackradt C. W., Schiavetti A. 2020. *Environmental and anthropogenic factors affecting nesting site selection by sea turtles. Marine Environment Res*. 162, 105090. doi: 10.1016/j.marenvres.2020.105090

Silvestri, S., Defina, A., Marani, M., 2005. *Tidal regime, Salinity and Salt Marsh Plant Zonation. Estuarine Coastal Shelf Science* 62 (1–2), 119–130.

Sousa-Guedes, D.,Sillero,N., Bessa, F., & Marco, A. 2022. *Plastic pollution can affect the emergence patterns of loggerhead turtle hatchlings. Animal Conservation* 26:492–501. doi:10.1111/acv.12837

Sugiyono. 2017. *Metode Penelitian Kuantitatif, Kualitatif dan R&D*. Bandung: Alfabeta.

Smith, S.D.A. and Bernal, E. 2021. *Quantifying mismanaged waste in a small Balinese coastal village: Comparisons of standing stock in different habitats. Ocean Coastal Management 202*:105433.

Stean, S., & Sparks, L. 2024. *Sea Turtle Concervation. Turtle Ecology and Conservation Manual. Indo Oceana Project*.

Stokes, H.J., Esteban, N., Hays, G.C. 2024. *Predation of Sea Turtle Eggs by Rats and Crabs. Marine Biology* 171:17 https://doi.org/10.1007/s00227-023-04327-9

Subekti, S. 2017 Pengelolaan Sampah Rumah Tangga 3R Berbasis Masyarakat. Jurnal Teknik lingkungan. 2(1) 24-30.

Summers, T.M., Martin, S.L., Hapdei, J.R., Ruak, J.K and Jones TT . 2018. *Endangered Green Turtles (Chelonia mydas) of the Northern Mariana Islands:*

UNIVERSITAS GADJAH MADA
Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Nesting Ecology, Poaching, and Climate Concerns. Frontiers in Marine Science 4:428. doi: 10.3389/fmars.2017.00428

Sunarto, Malawani, M.N, Sasongko,M.H.D, Elvira, I., Nastiti,I.P,Arlita P, Arinda,E.S. 2019. *A Geomorphological Evaluation of Sea Turtles Nesting in the Southern Sea of West Java. IOP Conf. Series: Earth and Environmental Science* 256:012028 doi:10.1088/1755-1315/256/1/012028

Taman Nasional Meru Betiri. 2023. Statistik Balai Taman Nasional Meru Betiri 2023.Kementerian Lingkungan Hidup Dan Kehutanan, Direktorat Jenderal Konservasi Sumber Daya Alam Dan Ekosistem Balai Taman Nasional Meru Betiri. Jember.

Tangahu, B.V., Kartika, A.A.G, Saptarini, D., Pirade, F., and Aabidah, T.F. 2019. *Marine Litter Characterization on The Eastern Coast of Surabaya City, East Java, Indonesia: Case Study of Cumpat Beach and Kenjeran Beach: Pollution Research* **38** Issue S211–S217

Tourinho, P.S., Ivar do Sul, J.A., Fillmann, G. 2010. *Is marine debris ingestion still a problem for the Coastal Marine Biota of Southern Brazil? Marine Pollution Bull*etine 60, 396–401.

Triatmodjo, B. 2000. Teknik Pantai Cetakan ke-5. Beta Offset. Yogyakarta.

Trujillo, Alan P, Thurman, Harold V .2011. *Essentials of oceanography 10th edition.* Prentice Hall: Boston

Valderrama, L., Matthews, J., Hoeksema, B. 2018. *Pollution and Coral Damage caused by Derelict Fishing Gear on Coral Reefs around Koh Tao, Gulf of Thailand.* Marine Pollution Bulletin 135, 1107–1116.

Veiga J; Fleet D; Kinsey S; Nilsson P; Vlachogianni T; Werner S; Galgani F; Thompson R; Dagevos J; Gago J; Sobral P; Cronin R. 2016. *Identifying Sources of Marine Litter*. Luxembourg : Publications Office of the European Union.. JRC104038

Vogt-Vincent, N.S., Burt ,A.J., Johnson, H.L., Kaplan, D.M., Mitarai, S., Turnbull, L.A., and Johnson, H.L. 2023. *Sources of marine debris for Seychelles and other remote islands in the western Indian Ocean. Marine Pollution Bulletin* 187: 114497

Wallace, B.P, Bandimere, A. N. , F. A. Abreu-Grobois, F.A., Acosta H., Akiti,J,et al. 2025.*Updated Global Conservation Status and Priorities for Marine Turtles.Endangered Species Research Volume* 56:247–276

Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai
Sukamade Taman Nasional Meru Betiri Kabupaten Banyuwangi
Inneke Monica, Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc. ; Dr. Ir. Much. Taufik Tri Hermawan, S.Hut., M.Si. IPU
Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

doi.org/10.3354/esr01385

Wan, Y., Wu, C., Xue, Q. & Hui, X. 2019. *Effects of plastic contamination on water evaporation and desiccation cracking in Soil. Science Total Environment* 654:576–582.
https:// doi.org/10.1016/j.scitotenv.2018.11.123.

Wang, J., K. Kiho, D. Ofiara, Y. Zhao, A. Bera, R. Lohmann and M.C. Baker, 2016. *First Global Integrated Marine Assessment: World Ocean Assessment I.* Accessed 07 February 2025

Wardhana, W. (2006). Metode Prakiraan Dampak dan Pengelolaannya pada Komponen Biota Akuatik. Jakarta: Universitas Indonesia

Williams,A.T., Rangel-Buitrago, N., Anfuso,G.Cervantes,O., Botero C.M. 2016. *Litter impacts on Scenery and Tourism on the Colombian North Caribbean Coast.* Tourism Management 55 :209-224
doi:10.1016/j.tourman.2016.02.008

White, H.L., Mwapasa, T., Mphasa, M., Kalonde, P.K., Feasy, N., Oliver, D.M., Ormsby, M.J., Morse, T. Chidzisano, K, Quilliam, R.S. 2023. *Open defaecation by proxy: Tackling the increase of disposable diapers in waste piles in informal settlements. International Journal of Hygiene and Environmental Health* Vol 250:114171

Wikurendra, E.A., Csonka,A., Nagy,I., and Nurika, G. 2024. *Urbanization and Benefit of Integration Circular Economy into Waste Management in Indonesia: A Review. Circular Economy and Sustainability* 4:1219–1248
https://doi.org/10.1007/s43615-024-00346-w

Williams, A.T. and Rangel-Buitrago, N. 2019. *Marine Litter Solutions for a Major Environmental Problem. Journal of Coastal Research*, Vol. 35(3):648-663
Coastal Education & Research Foundation, Inc.

Witherington, B., and Bjorndal, K. 1991. *Influences of Wavelength and Intention Hatchling Sea Turle Phototaxis Implications for finding Behavior. Copeia 4:1060*

Yona, D. Nooraini, P.m Outri, S.E.N., Sari, S.H.J., Lestariadi, R.A., and Amirudin, A. 2023. *Spatial Distribution and Composition of Marine Litter on Sandy Beaches Along the Indian Ocean Coastline in The South Java Region, Indonesia. Frontiers Marine Science* 10:1220650. doi: 10.3389/fmars.2023.1220650

Zahra, N.N.A., Dewanti, A.K., Dewanti, A.K, Yona, D., Aliviyanti, D., Dewi, C.S.U, dan Yamindago, A. 2024. Analisis Karakteristik Sampah Laut dan Tingkat

UNIVERSITAS
GADJAH MADA
**Pengaruh Sampah Laut terhadap Aktivitas Pendaratan Penyu Hijau (Chelonia mydas L) di Kawasan Pantai
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Universitas Gadjah Mada, 2025 | Diunduh dari http://etd.repository.ugm.ac.id/

Kebersihan di Pantai Sendang Biru dan Pelabuhan Perikanan Pondokdadap, Kabupaten Malang, Jawa Timur. Jurnal Ilmu Lingkungan, 22(4): 852-860. doi:10.14710/jil.22.4.852-860

Zhang T, Lin L, Li D, Wang J, Liu Y, Li R, Wu S, Shi H. 2022. *Microplastic Pollution At Qilianyu, The Largest Green Sea Turtle Nesting Grounds In The Northern South China Sea*. PeerJ 10:e13536 DOI 10.7717/peerj.13536

Zhang, T., Zhang,C., Liu,Y., Li,Y., Yu,Y., Wang, J., Lin,L., and Shia, H.T. 2024. *Selection characteristics and utilization of nesting grounds by green sea turtles on Xisha Islands, South China Sea. Global Ecology and Conservation.* doi.org/10.1016/j.gecco.2024.e03091