

BIBLIOGRAPHY

Countries' context and background on the management of plastic waste

General, for all

- Greenpeace Southeast Asia (2018, November 27) The recycling myth: Malaysia and the broken global recycling system. Retrieved from: <https://www.greenpeace.org/southeastasia/publication/549/the-recycling-myth/>
- Greenpeace Southeast Asia (2019, June 18) Southeast Asia's struggle against the plastic waste trade. A policy brief for ASEAN member states. Retrieved from: <https://www.greenpeace.org/southeastasia/publication/2559/southeast-asias-struggle-against-the-plastic-waste-trade/>.
- Hoorweg, D. & B-T. Perinaz (2012) What a waste: A global review of solid waste management. Urban development series knowledge papers no. 15. World Bank, Washington, DC.
- Jambeck, J.R., R. Geyer, C. Wilcox, T.R. Siegler, M. Perryman, A. Andrady, R. Narayan & K.L. Law (2015) Plastic waste inputs from land into the ocean. *Science* 347: 768–771.
- Kaza, S., C. Lisa, P. Bhada-Tata & F. van Woerden (2018) What a waste 2.0: A global snapshot of solid waste management to 2050. World Bank Urban Development, Washington, DC, World Bank, Dec 2018.

Brunei Darussalam

- Energy and Industry Department (2017) Brunei Darussalam's second national communication, under the United Nations Framework Convention on Climate Change. 49 pp.
- JASTRe, Department of Environment, Parks and Recreation (2015) Recycle 123 handbook. Ministry of Development, Brunei Darussalam, 36 pp.
- Shams, S., R.H.M. Juani & Z. Guo (2014) Integrated and sustainable solid waste management for Brunei Darussalam. In: 5th Brunei International Conference on Engineering and Technology (BICET), 2014. 6 pp.
- United Nations Framework Convention on Climate Change (2017) Brunei Darussalam's second national communication. Energy and Industry Department, The Prime Minister's Office.
- Yunos M.R., Z. Tarip & M.N. Salleh (2010) 3R (Reduce, Reuse, Recycle Concept) in Brunei Darussalam-Country presentation. The Second Meeting of Regional 3R Forum. Kuala Lumpur, Malaysia. 4–6 October 2010. Retrieved from: <http://www.uncrd.or.jp/index.php?page=view&type=13&nr=38&menu=327>.

Cambodia

- Fondazione ACRA (2016, November 20) ACRA Social Report 2016. Retrieved from: https://issuu.com/fondazioneacra/docs/acra_socialreport2016.
- Provincial Department of Planning (2015) Data Documentation on Provincial-Municipality Situation in 2015.
- Sethy, S., C. Sothun & R. Wildblood (2013) Municipal Solid Waste Management in Cambodia. In: Pariatamby, A. & M. Tanaka (eds), *Municipal Solid Waste Management in Asia and the Pacific Islands*. Environmental Science and Engineering, p. 77–94.
- Singh, R.K., D.G.J. Premakumara, R. Yagasa & K. Onogawa (2018) State of Waste Management in Phnom Penh, Cambodia. United Nations for Environment Programme, Cambodia.

Indonesia

- Aprilia, A., T. Tezuka & G. Spaargaren (2012) Household solid waste management in Jakarta, Indonesia: A socio-economic evaluation. In: Rebellon, L.F.M. (ed), *Waste management – an integrated vision*. IntechOpen, p. 71–100.
- Coordinating Ministry for Maritime Affairs, (2018) Retrieved from: <https://maritim.go.id/konten/indonesias-plan-action-marine-plastic-debris-2017-2025/>.
- Damanhuri, E., W. Handoko & T. Padi (2013) Municipal solid waste management in Indonesia. In: Pariatamby, A. & M. Tanaka (eds), *Municipal solid waste management in Asia and the Pacific islands*. Environmental Science and Engineering, p. 139–155.
- Indonesian National Statistics Agency (2018) Statistik Indonesia, statistical yearbook of Indonesia 2015, Badan Pusat Statistik (BPS), Jakarta, Indonesia.
- Lestari, P. & Y. Trihadiningrum (2019) The impact of improper solid waste management to plastic pollution in Indonesian coast and marine environment. *Marine Pollution Bulletin* 149: 110505.
- Lebreton, L.C.M., J. van der Zwet, J-W. Damsteeg, B. Slat, A. Andrady & J. Reisser J (2017) River plastic emissions to the world's oceans. *Nature Communications* 8: 15611.
- Ministry of Environment (2008) Indonesian domestic solid waste statistics year 2008, Jakarta, Ministry of Environment.

Shuker, I.G. & C.A. Cadman (2018) Indonesia – Marine debris hotspot rapid assessment: synthesis report (English). World Bank Group, Washington D.C.. Retrieved from: <http://documents.worldbank.org/curated/en/983771527663689822/Indonesia-Marine-debris-hotspot-rapid-assessment-synthesis-report>.

Lao People's Democratic Republic

Climate and Clean Air Coalition (2015) Solid waste management city profile – Vientiane Capital, LAO People's Democratic Republic. Retrieved from: http://www.waste.ccacoalition.org/sites/default/files/files/vientiane-city_profile_vientiane_capital_lao.pdf.

Global Green Growth Institute (GGGI) (2018) Solid Waste Management in Vientiane, Lao P.D.R. – Situation assessment and opportunities for waste-to-resource. Global Green Growth Institute, Seoul, RO Korea. 39 pp.

United Nations Environment (2017) Summary report: Waste management in ASEAN countries. Retrieved from: <https://www.unenvironment.org/resources/report/waste-management-asean-countries-summary-report>.

Malaysia

Aja, O.C. & H.H. Al-Kayiem (2014) Review of municipal solid waste management options in Malaysia, with an emphasis on sustainable waste-to-energy options. *Journal of material cycles and waste management* 16(4): 693–710.

Ministry of Energy, Science, Technology, Environment and Climate Change (2019, August 27) Malaysia's roadmap towards zero single-use plastics 2018–2030. Retrieved from: <https://www.mestec.gov.my/web/en/general/roadmap/>.

Saeed, M.O., M.N. Hassan & M.A. Mujeebu (2009) Assessment of municipal solid waste generation and recyclable materials potential in Kuala Lumpur, Malaysia. *Waste Management* 29: 2209–2213.

Myanmar

Jeske, F. (2019) Survey on Plastic Waste in The Ayeyarwady, 2018-2019. FFI Myanmar Working Paper No. 09.

Premakumara, D.G.J., M. Hengesbaugh, K. Onogawa & O.M.T. Hlaing (2016) Quick study on waste management in Myanmar: Current situation and key challenges. In *Proceedings of the 1st National/City Workshops for Developing National/City Waste Management Strategies in Myanmar*, Nay Pyi Taw & Mandalay, Myanmar, p. 13–17.

Philippines

Global Alliance for Incinerator Alternatives (2019) Plastics exposed: How waste assessments and brand audits are helping Philippine cities fight plastic pollution. Philippines. 59 pp.

Singapore

Ministry of the Environment and Water Resources (2019) Key Environmental Statistics 2019. Retrieved from: <https://www.mewr.gov.sg/docs/default-source/default-document-library/grab-our-research/-kes-2019.pdf>.

Singapore Environment Council (2018) Consumer Plastic and Plastic Resource Ecosystem in Singapore. Singapore. 82 pp. Retrieved from: https://www.google.com/url?q=https://sec.org.sg/seaa/wp-content/uploads/2018/09/SEC-Plastic-Resource-Study-Paper_Final1.pdf&sa=D&ust=1583121925241000&usq=AFQjCNFmuwZmgEydOuXhxNI3bXBnL1W65A.

Zero Waste Masterplan Singapore (2019) Retrieved from: <https://www.towardszerowaste.sg/images/zero-waste-masterplan.pdf>.

Vietnam

Verma, R.L., G. Borongan & M. Memon (2016) Municipal solid waste management in Ho Chi Minh City, Vietnam, current practices and future recommendations. *Procedia Environmental Sciences* 35: 127-139.

China

Brooks, A.L., S. Wang & J.R. Jambeck (2018) The Chinese import ban and its impact on global plastic waste trade. *Science advances* 4(6): eaat0131.

Garcia, B., M.M. Fang & J. Lin (2019) Marine plastic pollution in Asia: All hands on deck!. *Chinese Journal of Environmental Law* 3(1): 11–46.

Wang, H.T. & Y.F. Nie (2001) Municipal solid waste characteristics and management in China. *Journal of the Air & Waste Management Association* 51:2, 250–263.

Velis, C.A. (2014) Global recycling markets – plastic waste: A story for one player – China. Report prepared by FUELogy and formatted by D-waste on behalf of International Solid Waste Association – Globalisation and Waste Management Task Force. ISWA, Vienna, September 2014.

RO Korea

- Cho, D.O. (2005) Challenges to marine debris management in Korea. *Coastal Management* 33(4): 389–409.
- Hong, S., J. Lee, D. Kang, H.W. Choi & S.H. Ko (2014) Quantities, composition, and sources of beach debris in Korea from the results of nationwide monitoring. *Marine Pollution Bulletin* 84: 27–34.
- Hong, S., J. Lee & D. Kang (2015) Emergy evaluation of management measures for derelict fishing gears in Korea. *Ocean Science Journal* 50: 603–613.
- Lee, J., S. Hong, Y.C. Jang, M.J. Lee, D. Kang & W.J. Shim (2015) Finding solutions for the styrofoam buoy debris problem through participatory workshops. *Marine Policy* 51: 182–189.
- Morishige, C. (ed.) (2010) Marine debris prevention projects and activities in RO Korea and United States: A compilation of project summary reports. NOAA Technical Memorandum NOS-OR&R-36.

Japan

- Harada, S. (2015) Current status and issues of river litter management as reducing marine litter. *水資源・環境研究* 28(1): 45–51 (available in Japanese).
- Plastic Waste Management Institute (2019) Plastic products, plastic waste and resource recovery 2017. PWMI Newsletter 48: 2.
- Sakai, S. (1996) Municipal solid waste management in Japan. *Waste Management* 16(5/6): 395–405.
- Terazono, A. (2019) Recent management policy of plastic and packaging waste in Japan. Korea Society of Waste Management. ISEE 2019, Jeju, Korea. S2–06, pp. 253–261.

Scientific publications included in the inventory database & other scientific articles mentioned in the discussion (as denoted by asterisk)

Brunei Darussalam

- Qaisrani, Z.N., Shams, S., Guo, Z., Asadullah & Techato K. (2019) Physical assessment of marine debris along the coast of Brunei Darussalam. *Journal of Applied and Emerging Sciences* 9(2): 144–152.
- Qaisrani, Z.N., Shams, S., Guo, Z., Reza, M.S. & Zainuddin, Q. (2018) Quantitative analysis of marine debris along the sea beaches of Brunei Darussalam. Conference Paper for 7th Brunei International Conference on Engineering and Technology 2018 (BICET 2018).

Cambodia

- Fauna and Flora International (2019, June 18) Tackling plastic pollution for communities and coral reefs in coastal Cambodia. Retrieved from: <https://www.fauna-flora.org/news/tackling-plastic-pollution-communities-coral-reefs-coastal-cambodia>.
- United Nations Development Programme (2019, July 12) What we're doing to combat plastic. Retrieved from: https://www.kh.undp.org/content/cambodia/en/home/projects/our-action-for-plastic-pollution-in-cambodia/what-we-re-doing-to-combat-plastic-0.html#bottomPar_columncontrol.
- Reed, M., Duplain, D., Haissoune, A., Ferber, P. (2015) Strategic environmental assessment of the proposed marine protected area, Kep Archipelago, Cambodia. Retrieved from: <https://www.marineconservationcambodia.org/kep-reports/file/4-kep-triangle-report-07-03-15-final-for-paul>.

Indonesia

- Afdal, M., S. Werorilangi, A. Faizal & A. Tahir (2019) Studies on microplastics morphology characteristics in the coastal water of Makassar City, South Sulawesi, Indonesia. *International Journal of Environment Agriculture and Biotechnology* 4(4): 1028–1033.
- Akhir, K. (2018) A critical analysis of technological interventions towards the national action plan for marine litter management 2018–2025: Recommendations for addressing marine plastic litter in the 'New Bali' of Indonesia sustainably. *World Maritime University Dissertations*: 661.
- Asadi, M.A., A.M.S. Hertika, F. Iranawari & A.Y. Yuwandita (2019) Microplastics in the sediment of intertidal areas of Lamongan, Indonesia. *AAFL Bioflux* 12(4): 1065–1073.
- Attamimi, A., N.P. Purba, S.R. Anggraini, S.A. Harahap & S. Husrin (2015) Investigation of marine debris in Kuta Beach, Bali. In: Suhartanto et al., (eds). *Proceedings of Environmental Engineering and Water Technology, Integrated Water System and Governance* (Malang, East Java, Indonesia), C1–7.
- Ayuningtyas, W.C., D. Yona, S.H. Julinda & F. Iranawari (2019) Kelimpahan mikroplastik pada perairan di Banyuwirip, Gresik, Jawa Timur. *Journal of Fisheries and Marine Research* 3(1): 41–45. (Available in Indonesian).
- Balasubramaniam, M. & A.D. Phillott (2016) Preliminary observations of microplastics from beaches in the Indian Ocean. *Indian Ocean Turtle Newsletter* 23:13–16.
- Bangun, A.P., H. Wahyuningsih & A. Muhtadi (2018) Impacts of macro- and microplastic on macrozoobenthos abundance in intertidal zone. *IOP Conference Series: Earth and Environmental Science* 122: 012102.
- Cordova, M.R. & I.S. Nurhati (2019) Major sources and monthly variations in the release of land-derived marine debris from the Greater Jakarta area, Indonesia. *Scientific Reports* 9: 18730.
- Cordova, M.R. & A.J. Wahyudi (2016) Microplastic in the deep-sea sediment of southwestern Sumatera waters. *Marine Research in Indonesia* 41(1): 27–35.
- Cordova, M.R., T.A. Hadi & B. Prayudha (2018). Occurrence and abundance of microplastics in coral reef sediment: A case study in Sekotong, Lombok-Indonesia. *AES Bioflux* 10(1): 23–29.
- Cordova, M.R., A.I.S. Purwiyanto & Y. Suteja (2019) Abundance and characteristics of microplastics in the northern coastal waters of Surabaya, Indonesia. *Marine Pollution Bulletin* 142: 183–188.
- Cordova, M.R. & U.E. Hernawan (2018). Microplastics in Sumba waters, East Nusa Tenggara. In: *IOP Conference Series: Earth and Environmental Science*. IOP Conference Series: Earth and Environmental Science 162: 012023.
- Dewi, I.S., A.A. Budiarsa & I.R. Ritonga (2015) Distribution of microplastic at sediment in the Muara Badak Subdistrict, Kutai Kartanegara Regency. *Depik Jurnal Ilmu – Ilmu Perairan, Pesisir dan Perikanan* 4(3): 121–131. (Available in Indonesian)

- Falahudin, D., M.R. Cordova, X. Sun, D. Yogaswara, I. Wulandari, D. Hindarti & Z. Arifin (2020) The first occurrence, spatial distribution and characteristics of microplastic particles in sediments from Banten Bay, Indonesia. *Science of the Total Environment* 705: 135304.
- Firdaus, M., P. Lestari & Y. Trihadiningrum (2019) Microplastic pollution in the sediment of Wonorejo estuary in Surabaya, Indonesia. In: Presented in the 2nd Conference in Fundamental and Applied Science for Advanced Technology (ConFAST), 21 January 2019, Yogyakarta, Indonesia.
- Germanov, E.S., A.D. Marshall, I.G. Hendrawan, R. Admiraal, C.A. Rohner, J. Argeswara, R. Wulandari, M.R. Himawan & N.R. Loneragan (2019) Microplastics on the menu: Plastics pollute Indonesian manta ray and whale shark feeding grounds. *Frontiers in Marine Science* 6: 679.
- Giesler, K. (2018) The plastic problem: Plastic pollution in Bali. Independent Study Project (ISP). Collection. 2937. Retrieved from: https://digitalcollections.sit.edu/isp_collection/2937/.
- Handyman, D.I.W., N.P. Purba, W.S. Pranowo, S.A. Harahap, I.F. Dante & L.P.S. Yuliadi (2019) Microplastics patch based on hydrodynamic modeling in the North Indramayu, Java Sea. *Polish Journal of Environmental Studies* 28:135–142.
- Hastuti, A.R., F. Yulianda & Y. Wardiatno (2014) Spatial distribution of marine debris in mangrove ecosystem of Pantai Indah Kapuk, Jakarta. *Bonoworo Wetlands* 4(2): 94–107. (Available in Indonesian).
- Hastuti, A.R., D.T.F. Lumbanbatu & Y. Wardiatno (2019) The presence of microplastics in the digestive tract of commercial fishes off Pantai Indah Kapuk coast, Jakarta, Indonesia. *Biodiversitas* 20(5): 1233–1242.
- Hiwari, H., N.P. Purba, Y.N. Ihsan, L.P.S. Yuliadi & P.G. Mulyani (2019) Condition of microplastic garbage in sea surface water at around Kupang and Rote, East Nusa Tenggara Province. In: Proceedings of the National Seminar on Indonesian Biodiversity Society 5(2): 165–171. (Available in Indonesian).
- Hoeksema, B.W. & B. Hermanto (2018). Plastic nets as substrate for reef corals in Lembah Strait, Indonesia. *Coral Reefs* 37(3): 631–631.
- Husrin, S., U.J. Wisna, R. Prasetyo, A. Putra & A. Attamimi (2017) Characteristics of marine litters in the West Coast of Bali. *Jurnal Segara* 13(2): 129–140.
- Ismail, M.R., M.W. Lewaru & D.J. Prihadi DJ (2018) Microplastics ingestion by fish in the Biawak Island. *World Scientific News* 106: 230–237.
- Ismail, M.R., M.W. Lewaru & D.J. Prihadi (2019) Microplastics ingestion by fish in the Pangandaran Bay, Indonesia. *World News of Natural Sciences* 23: 173–181.
- Isyirini, R., R. Tambaru, Y.A la Nafie, M. Ukkas & M.R. Cordova (2018) Beach debris on Labuange Beach, Barru District, South Sulawesi province, Malaysia. *Jurnal Ilmu Kelautan SPERMONDE* 4(2): 74–80.
- Isyirini, R., Y.A. la Nafie, M. Ukkas, R. Rachim & M.R. Cordova (2019) Marine macro debris from Makassar Strait beaches with three different designations. *IOP Conference Series Earth and Environmental Science* 253(3): 012039.
- Jasmin, H.H., N.P. Purba, S.A. Harahap, W.S. Pranowo, M.L. Syamsudin & I. Faizala (2019) The model of macro debris transport before reclamation and in existing condition in Jakarta Bay. *Jurnal Ilmu dan Teknologi Kelautan Tropis* 11(1): 131–140.
- Khoironi, A., S. Anggoro & Sudarno (2018) The existence of microplastic in Asian green mussels. *IOP Conference Series: Earth and Environmental Science* 131: 012050.
- Lestari, P., M. Firdaus & Y. Trihadiningrum (2019) The impact of improper solid waste management to plastic pollution in Indonesian coast and marine environment. *Marine Pollution Bulletin* 149: 110505.
- Lestari, P., M. Firdaus & Y. Trihadiningrum (2018) Preliminary study of microplastics in a commercial bivalve (*Meretrix meretrix*) from Wonorejo Estuary, Indonesia. Presented at the 3rd International Seminar on Marine Technology (SENTA), 5–6 December 2018, Surabaya, Indonesia.
- Lubis, I.E.N, W.R. Melani & A.D. Syakti (2019) Plastic debris contamination in grey-eel catfish (*Plotosus canius*) in Tanjungpinang water, Riau Islands-Indonesia. *AIP Conference Proceedings* 2094(1): 020035.
- Maharani, A., N.P. Purba & I. Faizal (2018) Occurrence of beach debris in Tunda Island, Banten, Indonesia. *E3S Web of Conferences* 47: 04006.
- Manalu, A.A., S. Hariyadi & Y. Wardiatno (2017) Microplastics abundance in coastal sediments of Jakarta Bay, Indonesia. *AACL Bioflux* 10(5): 1164–1173.
- Manullang, C.Y. (2018) Current status and future prospect of marine pollution research in the Banda Sea. In *IOP Conference Series: Earth and Environmental Science*. 184: 012007.
- Nordén, A. & S. Karlssonjk (2018) Optimizing the placement of cleanup systems for marine plastic debris: A multi-objective approach. Royal Institute of Technology, Stockholm, Sweden. 44 pp.
- Oktaviana, M., J. Jompa & Amiruddin (2013) Constraints and strategies of solid waste management in Barrang Lompo Island. *Fakultas Ilmu Kelautan dan Perikanan, Universitas Hasanuddin*. (Available in Indonesian).

- Pangetsu, I.F., N.P. Purba & M.L. Syamsyudin (2016) Kondisi microplastic di Perairan Indramayu, Jawa Barat. In: Proceedings of the National Seminar on Fisheries and Maritime Affairs: Technology, Law and Policy Synergy on Fisheries and Marine Sciences Toward Food Sovereignty in AEC (Bandung, Indonesia), 382. (Available in Indonesian).
- Petrik, J., Y. Ismawati, J. DiGangi, P. Arisandi, L. Bell & B. Beeler (2019) Plastic waste flooding Indonesia leads to toxic chemical contamination of the food chain. IPEN. Retrieved from: https://ipen.org/sites/default/files/documents/indonesia-egg-report-long-v1_2web-en.pdf.
- Purba, N.P., M.L. Syamsuddin, R. Sandro, I.F. Pangestu & M.R. Prasetyo (2017) Distribution of marine debris in Biawak Island, West Java, Indonesia. *World Scientific News* 66: 281–292.
- Purba, N.P., Y.N. Ihsan, I. Faizal, D.I.W. Handyman, K.S. Widiastuti, P.G. Mulyani, M.F. Tefa & M. Hilmi (2018a) Distribution of macro debris in Savu Sea Marine National Park (Kupang, Rote, and Ndana Beaches), East Nusa Tenggara, Indonesia. *World News of Natural Sciences* 21: 64–76
- Purba, N.P., L.P. Dewanti, I.M. Apriliani, H. Herawati & I. Faizal (2018b) Distribution of macro debris at Pangandaran Beach, Indonesia. *World Scientific News* 103: 144–156.
- Purba, N.P., D.I.W. Handyman, T.D. Pribadi, A.D. Syakti, W.S. Pranowo, A. Harvey & Y.N. Ihsan (2019a) Marine debris in Indonesia: A review of research and status. *Marine Pollution Bulletin* 146: 134–144.
- Purba, N.P., W.S. Parnowo, S.M. Simanjuntak, I. Faizal, H.H. Jasmin, D.I.W. Handyman & P.G. Mulyani (2019b) Trajectory of microplastics at Savu Sea Marine National Park, East Nusa Tenggara. *Jurnal Ilmu-Ilmu Perairan, Pesisir dan Perikanan* 8(2): 125–134. (Available in Indonesian).
- Rachmat, S.L.J., N.P. Purba, M.U.K. Agung & L.P.S. Yuliadi (2019) Characteristic of microplastic debris at estuary of DKI Jakarta. *Jurnal Ilmu-Ilmu Perairan, Pesisir dan Perikanan* 8(1): 9–17. (Available in Indonesian).
- Rahmawati, N.H.F. & M.P. Patria (2019). Microplastics dissemination from fish *Mugil dussumieri* and mangrove water of Muara Teluknaga, Tangerang, Banten. *IOP Journal of Physics: Conference Series* 1282: 012104.
- Ramos, A., N.P. Purba, I. Faizal, Y. Mulyani & M.L. Syamsuddin (2018) Microplastic tracking from Pacific Garbage to northern Indonesia Sea. *Jurnal Perspektif Pembiayaan dan Pembangunan Daerah* 6(1): 87–96.
- Rochman, C.M., A. Tahir, S.L. Williams, D.V. Baxa, R. Lam, J.T. Miller, F.C. Teh, S. Werorilangi, & S.J. Teh (2015) Anthropogenic debris in seafood: Plastic debris and fibers from textiles in fish and bivalves sold for human consumption. *Scientific Reports* 5: 14340.
- Richardson, K., R. Gunn, C. Wilcox & B.D. Hardesty (2018) Understanding causes of gear loss provides a sound basis for fisheries management. *Marine Policy* 96: 278–284.
- Shuker, I.G. & C.A. Cadman (2018) Indonesia – Marine debris hotspot rapid assessment: synthesis report (English). World Bank Group, Washington D.C.. Retrieved from: <http://documents.worldbank.org/curated/en/983771527663689822/Indonesia-Marine-debris-hotspot-rapid-assessment-synthesis-report>.
- Sur, C., J.M. Abbott, R. Ambo-Rappe, N. Asriani, S.O. Hameed, B.M. Jellison, H.A. Lestari, S.R. Limbong, M. Mandasari, G. Ng, E.V. Satterthwaite, S. Syahid, D. Trockel, W. Umar & S.L. Williams (2018) Marine debris on small islands: Insights from an educational outreach programme in the Spermonde Archipelago, Indonesia. *Frontiers in Marine Science* 5:35.
- Syakti, A.D. (2017) Microplastics monitoring in marine environment. *Omni-Akuatika* 13(2): 1–6.
- Syakti, A.D., R. Bouhroum, N.V. Hidayati, C.J. Koenawan, A. Boulkamh, I. Sulisty, S. Lebarillier, S. Akhlus, P. Doumenq & P. Wong-Wah-Chung (2017) Beach macro-litter monitoring and floating microplastic in a coastal area of Indonesia. *Marine Pollution Bulletin* 122(1–2): 217–225.
- Syakti, A.D., N.V. Hidayati, Y.V. Jaya, S.H. Siregar, R. Yude, Suhendy, L. Asia, P. Wong-Wah-Chung & P. Doumenq (2018) Simultaneous grading of microplastic size sampling in the small islands of Bintan water, Indonesia. *Marine Pollution Bulletin* 137: 593–600.
- Syakti, A.D., J.V. Jaya, A. Rahman, N.V. Hidayati, T.S. Raza'i, T. Idris, M. Trenggono, P. Doumenq & M.L. Chou (2019) Bleaching and necrosis of staghorn coral (*Acropora formosa*) in laboratory assays: Immediate impact of LDPE microplastics. *Chemosphere* 228: 528–535.
- Tahir, A., S. Werorilangi, F.M. Isman, A. Zulkarnaen, A. Massinai & A. Faizal (2018) Short-term observation on marine debris at coastal areas of Takalar District and Makassar City, South Sulawesi-Indonesia. *Jurnal Ilmu Kelautan SPERMONDE* 4(2): 48–53.
- Tahir, A., M.F. Samawi, K. Sari, R. Hidayat, R. Nimzet, E.A. Wicaksono, L. Asrul & S. Werorilangi (2019) Studies on microplastic contamination in seagrass beds at Spermonde Archipelago of Makassar Strait, Indonesia. *IOP Science Journal of Physics: Conference Series* 1341(2): 022008.

- Tangdesu, T.R.C. (2018) Identifikasi sampah laut di muara Sungai Biringkasi dan wilayah pesisir sekitarnya di kabupaten. Ilmu Kelautan Fakultas Ilmu Kelautan dan Perikanan Universitas Hasanuddin. Skripsi: L11112256 [In Indonesian].
- van Emmerik, T., M. Loozen, K. van Oeveren, F. Buschman & G. Prinsen (2019) Riverine plastic emission from Jakarta into the ocean. *Environmental Research Letters* 14(8): 084033.
- Wahyuningsih, H., A.P. Bangun & A. Muhtadi (2018) The relation of sediment texture to macro- and microplastic abundance in intertidal zone. In *IOP Conference Series: Earth and Environmental Science* 122(1): 012101.
- Yona, D., S.H.J. Sari, F. Iranawari, S. Bachri & W.C. Ayuningtyas (2019) Microplastics in the surface sediments from the eastern waters of Java Sea, Indonesia. *F1000Research* 8: 98.

Malaysia

- Adnan, F.A.F., R. Kilip, D. Keniin & C. Payus (2015) Classification and quantification of marine debris at Teluk Likas, Sabah. *Borneo Science* 36(1).
- Agamuthu, P., S.H. Fauziah & A.K. Khairunnisa (2012) Marine debris on selected Malaysian beaches: Impacts of human ignorance. *Proceedings of the 10th Expert Meeting on Solid Waste Management in Asia and Pacific Islands*.
- Amin, R.M., E. S. Sohaimi, S.T. Anuar & Z. Bachok (2020) Microplastic ingestion by zooplankton in Terengganu coastal waters, southern South China Sea. *Marine Pollution Bulletin* 150: 110616.
- Anuar, S.T., N.F.S.A. Wahab, A.A. Azmi, W.M.A.W.M. Halik, S. Lehta & Y.S. Ibrahim (2018) Investigation and spectroscopic characterisation of microplastic ingested by echinodermata (Holothuridae) of Malaysian waters. In: *International Conference on Plastics in the Marine Environment 2018*.
- Aris, L.I.B. (2012) Analysis of plastic debris on Malaysia beaches. University of Malaya. Masters' thesis.
- Auta, H.S., C.U. Emenike & S.H. Fauziah (2017) Screening for polypropylene degradation potential of bacteria isolated from mangrove ecosystems in Peninsular Malaysia. *International Journal of Bioscience, Biochemistry and Bioinformatics* 7(4): 245–251.
- Auta, H.S., C.U. Emenike & S.H. Fauziah (2017a) Screening of Bacillus strains isolated from mangrove systems in Peninsular Malaysia for microplastic degradation. *Environmental Pollution* 231(2): 1552–1559.
- Auta, H.S., C.U. Emenike & S.H. Fauziah (2017b). Distribution and importance of microplastics in the marine environment: A review of the sources, fate, effects, and potential solutions. *Environment International* 102: 165–176.
- Barasarathi, J., A. Periathamby, S.H. Fauziah & C.U. Emenike (2014) Microplastic abundance in selected mangrove forest in Malaysia. In: *Proceedings of The ASEAN Conference on Science and Technology 2014*, pp. 1–5.
- Chee, S.Y., Y.J. Chai, D. Carey, Y. Yusup & J.B. Gallagher (2019) Anthropogenic marine debris and its dynamics across peri-urban and urban mangroves on Penang Island, Malaysia. *bioRxiv* 756106.
- Chukwama, E.C., A.R.B.M. Shariff, C.M. Hasfalina, A.A. Mohamed, L.C. Abdullah (2019) GIS based analysis of plastic waste leakage in parts of Selangor state of Malaysia. 2019 American Society of Agricultural and Biological Engineers (ASABE) Annual International Meeting: 1900079.
- Egbeocha, C.O., S. Malek, C.U. Emenike & P. Milow (2018) Feasting on microplastics: Ingestion by and effects on marine organisms. *Aquatic Biology* 27: 93–106.
- Estim & Sudirman (2017) Types and abundance of macro- and micro-marine debris at Sebatik Island, Tawau, Sabah. *Borneo Journal of Marine Science and Aquaculture* 1: 57–64.
- Fauziah, S.H., S.H. Siti, L. Japareng, H. Auwalu & P. Agamuthu (2019) Technical report: Abundance and distribution of marine debris on selected beaches of marine park islands. Department of Fisheries Malaysia.
- Fauziah, S.H., I.A. Liyana & P. Agamuthu (2015) Plastic debris in the coastal environment: The invincible threat? Abundance of buried plastic debris on Malaysian beaches. *Waste Management & Research* 33(9): 812–821.
- Fauziah, S.H., S.B. Mehran, A. Norkhairiyah, M. Priya & P. Agamuthu (2018) Worldwide distribution and abundance of microplastic: How dire is the situation? *Waste Management and Research* 36(10): 873–897.
- Hocajo-Berná, A., García-Baciero, D. Yap, N. Izzati-Roslan (2019) Necropsy of a green turtle (*Chelonia mydas*) and the impacts of plastic pollution in Tioman Island, Malaysia. *Marine Turtle Newsletter* 158: 14–15.
- Ibrahim, Y.S., A.A. Azmi, S.A. Shukor, S.T. Anuar & S.A. Abdullah (2016) Microplastics ingestion by *Scapharca cornea* at Setiu Wetland, Terengganu, Malaysia. *Middle-East Journal of Scientific Research* 24(6): 2129–2136.
- Ibrahim, Y.S., R. Rathnam, S.T. Anuar & W.M.A.W.M. Khalik (2017) Isolation and characterisation of microplastic abundance in *Lates calcarifer* from Setiu Wetlands, Malaysia. *Malaysian Journal of Analytical Sciences* 21(5): 1054–1064.
- Karami, A., A. Golieskardi, C.K. Choo, V. Larat, T.S. Galloway & B. Salamatinia (2017a) The presence of microplastics in commercial salts from different countries. *Scientific Reports* 7: 46173.
- Karami, A., A. Golieskardi, Y.B. Ho, V. Larat & B. Salamatinia (2017b) Microplastics in eviscerated flesh and excised organs of dried fish. *Scientific Reports* 7: 5473.

- Karami, A., A. Golieskardi, C.K. Choo, V. Larat, S. Karbalaeei & B. Salamatinia (2018) Microplastic and mesoplastic contamination in canned sardines and sprats. *Science of the Total Environment* 612: 1380–1386.
- Karami, A., A. Golieskardi, C.K. Choo, N. Romano, Y.B. Ho & B. Salamatinia (2016) A high-performance protocol for extraction of microplastics in fish. *Science of The Total Environment* 578: 485–494.
- Karbalaeei, S., A. Golieskardi, H.B. Hamzah, S. Abdulwahid, P. Hanachi, T.R. Walker & A. Karami (2019) Abundance and characteristics of microplastics in commercial marine fish from Malaysia. *Marine Pollution Bulletin*. 148: 5–15.
- Khalik, W.M.A.W.M., Y.S. Ibrahim, S.T. Anuar, S. Govindasamy & N.F. Baharuddin (2018) Microplastics analysis in Malaysian marine waters: A field study of Kuala Nerus and Kuantan. *Marine Pollution Bulletin* 135: 451–457.
- Khairunnisa, A.K., S.H. Fauziah & A. Agamuthu (2012) Marine debris composition and abundance: A case study of selected beaches in Port Dickson, Malaysia. *Aquatic Ecosystem Health and Management* 15(3): 279–286.
- Matsuguma, Y., H. Kumata, H. Kanke, S. Sakurai, T. Suzuki, M. Itoh, Y. Okazaki, R. Boonyatumanond, M.P. Zakaria, S. Weerts & B. Newman (2017) Microplastics in sediment cores from Asia and Africa as indicators of temporal trends in plastic pollution. *Archives of Environmental Contamination and Toxicology* 73(2): 230–239.
- Mobilik, JM, T.Y. Ling, M.L.B Husain & R. Hassan (2017) Type and quantity of marine debris at selected public beaches in Sabah (Tg. Aru and Kosuhoi) during different monsoon seasons. *Borneo Science* 38(1): 13–24.
- Mobilik, J.M., T.Y. Ling, M.L.B. Husain & R. Hassan (2016) Type and quantity of shipborne garbage at selected tropical beaches. *The Scientific World Journal* Vol. 2016, Article ID 5126951
- Mobilik, J.M., T.Y. Ling, M.L.B. Husain & R. Hassan (2015) Seasonal trends in abundance and composition of marine debris in selected public beaches in Peninsular Malaysia. *AIP Conference Proceedings* 1678, 020020.
- Mobilik, J.M. & T.Y. Ling (2014). Type and abundance of marine debris at selected public beaches in Sarawak, East Malaysia, during the northeast Monsoon. *Journal of Sustainability Science and Management* 9(2): 43–51.
- Mobilik, J.M. (2008) Marine debris on selected public beaches in Kuching, Bintulu and Miri, Sarawak. *Universiti Malaysia Sarawak. Masters' thesis.*
- Noik, V.J. & P.M. Tuah (2015) A first survey on the abundance of plastics fragments and particles on two sandy beaches in Kuching, Sarawak, Malaysia. In *IOP Conference Series: Materials Science and Engineering*, 78(1): 012035.
- Praveena, S.M., S.B.N. Shaifuddin & S. Akizuki (2018) Exploration of microplastics from personal care and cosmetic products and its estimated emissions to marine environment: An evidence from Malaysia. *Marine Pollution Bulletin* 136: 135–140.
- Razlan, N.A. (2011) A study of marine debris on beach of Bidong Island, Terengganu. *Universiti Malaysia Terengganu. Undergraduate's thesis, Bachelor of Science (Marine Science).*

Myanmar

- Balasubramaniam, M. & A.D. Phillott (2016) Preliminary observations of microplastics from beaches in the Indian Ocean. *Indian Ocean Turtle Newsletter* 23:13–16.
- Min, W.W. (2018) Current situation, challenge and future needs for marine debris management in coastal mangrove ecosystem, Myanmar. In: *2018 2nd International Conference on Environmental and Energy Engineering (IC3E 2018)*, At Xiamen University of Technology, China.
- Jeske, F. (2019) Survey on plastic waste in the Ayeyarwady, 2018–2019. *FFI Myanmar Working Paper No. 09*

Philippines

- Abreo, N.A.S (2018) Marine plastics in the Philippines: A call for research. *Philippine Science Letters* 11, 18–19.
- Abreo, N.A.S., E.D. Macusi, G. Cuenca, C.T. Ranar, M. Andam, C.L. Carona & G.F.P. Arabejo (2015) Nutrient enrichment, sedimentation, heavy metals and plastic pollution in the marine environment and its implications on Philippine marine biodiversity: A review. *IAMURE International Journal of Ecology and Conservation* 15: 11–168.
- Abreo, N.A.S., E.D. Macusi, D.D. Blatchley & G. Cuenca-Ocay (2016a) First evidence of plastic ingestion by the rare Deraniyagala's beaked whale (*Mesoplodon hotaula*). *IAMURE International Journal of Ecology and Conservation* 19: 16–36.
- Abreo, N.A.S., E.D. Macusi, D.D. Blatchley & G. Cuenca-Ocay (2016b) Ingestion of marine plastic debris by green turtle (*Chelonia mydas*) in Davao Gulf, Mindanao, Philippines. *Philippine Journal of Science* 145: 17–23.
- Abreo, N.A.S., D.D. Blatchley & M.D.A. Superio (2019a) Stranded whale shark (*Rhincodon typus*) reveals vulnerability of filter-feeding elasmobranchs to marine litter in the Philippines. *Marine Pollution Bulletin* 141: 79–83.
- Abreo, N.A.S., K.F. Thompson, G.F.P. Arabejo & M.D.A. Superio (2019b) Social media as a novel source of data on the impact of marine litter on megafauna: The Philippines as a case study. *Marine Pollution Bulletin* 140: 51–59.
- Abueg, L. (2019) A survey of the ocean's plastic waste problem, and some policy developments of the Philippines. *Munich Personal RePEc Archive (MPRA) Paper No. 96263*. 16 pp.

- Argamino, C.R. & J.I.B. Janairo (2016) Qualitative assessment and management of microplastics in Asian Green Mussels (*Perna viridis*) cultured in Bacoor Bay, Cavite, Philippines. *EnvironmentAsia* 9(2): 48–54.
- Bucol, L.A., E.F. Romano, S.M. Cabcan, L.M.D. Siplon, G.C. Madrid, A.A. Bucol & B. Polidoro (2020) Microplastics in marine sediments and rabbitfish (*Siganus fuscescens*) from selected coastal areas of Negros Oriental, Philippines. *Marine Pollution Bulletin* 150: 110685.
- Deocaris, C.C., J.O. Allosada, L.T. Ardiente, L.C.G. Bitang, C.L. Dulohan, J.K.I. Lapuz, L.M. Padilla, V.P. Ramos & J.B.P. Padolina (2019) Occurrence of microplastic fragments in the Pasig River. *H2Open Journal* 2(1): 92–100.
- Espiritu, E.Q., S.A.S.N. Dayrit, A.S.O. Coronel, N.S.C. Paz, P.I.L. Ronquillo, V.C.G. Castillo & E.P. Enriquez (2019) Assessment of quantity and quality of microplastics in the sediments, waters, oysters, and selected fish species in key sites along the Bombong Estuary and the coastal waters of Ticalan in San Juan, Batangas. *Philippine Journal of Science* 148(4): 789–801.
- Kalnasa, M.L., L.C. Boter, S.M. Lantaca, G. Flores & V.R.K. Galarpe (2018) Occurrence and characterization of surface sand microplastic and litter: First observation in Macajalar Bay, Philippines. *Marine Pollution Bulletin* 149: 110521.
- Paler, K.O., C.T. Malenab, J.R. Maralit & H.M. Nacorda (2019) Plastic waste occurrence on a beach off southwestern Luzon, Philippines. *Marine Pollution Bulletin* 141: 416–419
- Palermo, J.D.H. (2018) Trophic ecology of sardines: *Sardinella lemuru* feeding strategies and vulnerability to marine microplastic pollution in Northern Mindanao. PhD candidate, Institute of Environmental Science and Meteorology, University of the Philippines-Diliman.

Singapore

- Bhargava, S., S.S.C Lee, L.S.M. Ying, M.L. Neo, S.L-M Teo & S. Valiyaveetil (2018) Fate of nanoplastics in marine larvae: A case study using barnacles, *Amphibalanus amphitrite*. *ACS Sustainable Chemistry and Engineering* 6: 6932–6940.
- Chim, C.K., Y-L. Lee, S. Tong, T. Tay & R. Ong (2015) Blacktip reef sharks caught in trammel nets at Lazarus Island. *Singapore Biodiversity Records* 2015: 158–159.
- Chim, C.K. & K.K.P Lim (2014) Coral cat-sharks at eastern Johor Straits. *Singapore Biodiversity Records* 2014: 54.
- Chim, C.K. & K.K.P Lim (2014) Blackspot shark at eastern Johor Straits. *Singapore Biodiversity Records* 2014: 47.
- Chua, M.A.H., D. Lane, S.K. Ooi, S. Tay & T. Kubodera (2019) Diet and mitochondrial DNA haplotype of a sperm whale (*Physeter macrocephalus*) found dead off Jurong Island, Singapore. *PeerJ*. 7. 10.7717/peerj.6705.
- Curren, E. & S.C.Y. Leong (2019) Profiles of bacterial assemblages from microplastics of tropical coastal environments. *Science of the Total Environment* 655: 313–320.
- Mohamed, N.N.H. & Obbard, J.P. (2014) Microplastics in Singapore's coastal mangrove ecosystems. *Marine Pollution Bulletin* 79: 278–283.
- Ng, K.L. & J.P. Obbard (2006) Prevalence of microplastics in Singapore's coastal marine environment. *Marine Pollution Bulletin* 52: 761–767.
- *Ocean Conservancy (2018) Building a Clean Swell. The International Coastal Cleanup 2018 Report. Washington, DC. 25 pp.
- Ong, R., C.K. Chim, Lee, Y-I., S. Tong & T. Tay (2015) Blacktip reef sharks caught in trammel nets at Lazarus Island. *Singapore Biodiversity Records* 2015: 158–159.
- Seng, N., S. Lai, J. Fong, M.F. Saleh, C. Cheng, Z.Y. Cheok & P.A. Todd (2020) Early evidence of macroplastics on seagrass and macroalgae. *Marine and Freshwater Research (Online Early)*
- Yeo, R.K.H. (2014) Blacktip reef sharks at Semakau Landfill. *Singapore Biodiversity Records* 2014: 33–34.

Thailand

- Azad, S.M.O., P. Towatana, S. Pradit, B.G. Patricia & H.T. Hue (2018) Ingestion of microplastics by some commercial fishes in the lower Gulf of Thailand: A preliminary approach to ocean conservation. *International Journal of Agricultural Technology* 14(7): 1017–1032.
- Ballesteros, L.V., J.L. Matthews & B.W. Hoeksema (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.
- Kungskulniti, N., N. Charoenca, S.L. Hamann, S. Pitayangsarit & J. Mock (2018) Cigarette waste in popular beaches in Thailand: High densities that demand environmental action. *International Journal of Environmental Research and Public Health* 15(4): 630.
- Tharamon, P., S. Praisanklul & N. Leadprathom (2016) Contamination of microplastic in bivalve at Chaolao and Kungwiman beach Chanthaburi province. *Khon Kaen Agricultural Journal* 44(1): 738–744.

- Thanida, H. M. Somchai, A. Nongnut & C. Nantarika (2009) A case report: Stomach foreign object in whaleshark (*Rhincodon typus*) stranded in Thailand. Proceedings of the 4th International Symposium on SEASTAR2000 and Asia Bio-logging Science (The 8th SEASTAR2000 workshop): 83–85.
- Thushari, G.G.N., S. Chavanich & A. Yakupitiyage (2017) Coastal debris analysis in beaches of Chonburi Province, eastern of Thailand as implications for coastal conservation. *Marine Pollution Bulletin* 116(1–2): 121–129.
- Thushari, G.G.N., J.D.M. Senevirathna, A. Yakupitiyage & S. Chavanich (2017) Effects of microplastics on sessile invertebrates in the eastern coast of Thailand: An approach to coastal zone conservation. *Marine Pollution Bulletin* 124: 349–355.
- Wichai-utcha, N. & O. Chavalparit (2019) 3Rs Policy and plastic waste management in Thailand. *Journal of Material Cycles and Waste Management* 21:10–22.

Vietnam

- Lahens, L., E. Strady, T.C. Kieu-Le, R. Dris, K. Boukerma, E. Rinnert, J. Gasperi & B. Tassin (2018) Macroplastic and microplastic contamination assessment of a tropical river (Saigon River, Vietnam) transversed by a developing megacity. *Environmental Pollution* 236: 661–671.
- Le, D.Q., H. Takada, R. Yamashita, K. Mizukawa, J. Hosoda & D.A. Tuyet (2016) Temporal and spatial changes in persistent organic pollutants in Vietnamese coastal waters detected from plastic resin pellets. *Marine Pollution Bulletin* 109: 320–324.
- van Emmerik, T.T.C. Kieu-Le, M. Loozen, K. an Oeveren, E. Strady, X-T. Bui, M. Egger, J. Gasperi, L. Lebreton, P-D. Nguyen, A. Schwarz, B. Slat & B. Tassin (2018) A methodology to characterize riverine macroplastic emission into the ocean. *Frontiers in Marine Science* 5: 372.
- Van Truong, N. & B.P. Chu (2019) Plastic marine debris: Sources, impacts and management. *International Journal of Environmental Studies*: 1–21.

China

- Cai, M., H. He, M. Liu, S. Li, G. Tang, W. Wang, P. Huang, G. Wei, Y. Lin, B. Chen, J. Hui & Z. Cen (2018) Lost but can't be neglected: Huge quantities of small microplastics hide in the South China Sea. *Science of the Total Environment* 633: 1206–1216.
- Chan, H.S., C. Dingle & C. Not (2019) Evidence for non-selective ingestion of microplastic in demersal fish. *Marine Pollution Bulletin* 149: 110523.
- Cheang, C.C., Y. Ma & L. Fok (2018) Occurrence and composition of microplastics in the seabed sediments of the coral communities in proximity of a metropolitan area. *International journal of environmental research and public health*, 15(10): 2270.
- Chen, M., M. Jin, P. Tao, Z. Wang, W. Xie, X. Yu & K. Wang (2018) Assessment of microplastics derived from mariculture in Xiangshan Bay, China. *Environmental Pollution* 242B: 1146–1156.
- Cheung, P.K. & L. Fok (2016) Evidence of microbeads from personal care products contaminating the sea. *Marine Pollution Bulletin* 109: 582–585.
- Cheung, P.K., L.T.O. Cheung & L. Fok (2016) Seasonal variation in the abundance of marine plastic debris in the estuary of a subtropical macro-scale drainage basin in South China. *Science of the Total Environment* 562: 658–665.
- Cheung, L.T.O., C.Y. Lui & L. Fok (2018a) Microplastic contamination of wild and captive flathead grey mullet (*Mugil cephalus*). *International Journal of Environmental Research and Public Health*. 15(4): 597.
- Cheung, P.K., L. Fok, P.L. Hung & L.T.O. Cheung (2018b) Spatio-temporal comparison of neustonic microplastic density in Hong Kong waters under the influence of the Pearl River Estuary. *Science of The Total Environment* 628–629: 731–739.
- Ding, J., J. Li, C. Sun, F. Jiang, P. Ju, L. Qu, Y. Zheng & C. He (2019) Detection of microplastics in local marine organisms using a multi-technology system. *Analytical Methods* 11: 78–87.
- Ding, J., F. Jiang, J. Li, Z. Wang, C. Sun, Z. Wang, L. Fu, N.X. Ding & C. He (2019) Microplastics in the coral reef systems from Xisha Islands of South China Sea. *Environmental Science and Technology* 53(14): 8036–8046.
- Feng, Z., T. Zhang, Y. Li, X. He, R. Wang, J. Xu & G. Gao (2019) The accumulation of microplastics in fish from an important fish farm and mariculture area, Haizhou Bay, China. *Science of the Total Environment* 696: 133948.
- Fok, L. & P.K. Cheung (2015) Hong Kong at the Pearl river estuary: A hotspot of microplastic pollution. *Marine Pollution Bulletin* 99: 112–118.
- Fok, L., P.K. Cheung, G. Tang & W.C. Li (2017) Size distribution of stranded small plastic debris on the coast of Guangdong, South China. *Environmental Pollution* 220(A): 407–412.

- Guo, X. & J. Wang (2019) Sorption of antibiotics onto aged microplastics in freshwater and seawater. *Marine Pollution Bulletin* 149: 110511.
- Heo, N.W., S.H. Hong, G.M. Han, S. Hong, J. Lee, Y.K. Song, M. Jang & W.J. Shim. (2013) Distribution of small plastic debris in cross-section and high strandline on Heungnam beach, Korea. *Ocean Science Journal* 48(2): 225–233.
- Huang, Y., M. Yan, K. Xu, H. Nie, H. Gong & J. Wang (2019) Distribution characteristics of microplastics in Zhubi Reef from South China Sea. *Environmental Pollution* 255: 113133.
- Li, J., D. Yang, L. Li, K. Jabeen & H. Shi (2015) Microplastics in commercial bivalves from China. *Environmental Pollution* 207: 190–195.
- Li, J., X. Qu, L. Su, W. Zhang, D. Yang, P. Kolandhasamy, D. Li & H. Shi (2016) Microplastics in mussels along the coastal waters of China. *Environmental Pollution* 214: 177–184.
- Li, H.X., L.S. Ma, L. Lin, Z.X. Ni, X.R. Xu, H.H. Shi, Y. Yan, G.M. Zheng & D. Rittschof (2018a) Microplastics in oysters *Saccostrea cucullata* along the Pearl River Estuary, China. *Environmental Pollution* 236: 619–625.
- Li, Y., E. Wolanski, Z. Dai, J. Lambrechts, C. Tang & H. Zhang (2018b) Trapping of plastics in semi-enclosed seas: Insights from the Bohai Sea, China. *Marine Pollution Bulletin* 137: 509–517.
- Li, J., H. Zhang, K. Zhang, R. Yang, R. Li & Y. Li (2018c) Characterization, source, and retention of microplastic in sandy beaches and mangrove wetlands of the Qinzhou Bay, China. *Marine Pollution Bulletin* 136: 401–406.
- Li, R., L. Zhang, B. Xue & Y. Wang (2019a) Abundance and characteristics of microplastics in the mangrove sediment of the semi-enclosed Maowei Sea of the South China sea: New implications for location, rhizosphere, and sediment compositions. *Environmental Pollution* 244: 685–692.
- Li, R., L. Yu, M. Chai, H. Wu & X. Zhu (2020) The distribution, characteristics, and ecological risks of microplastics in the mangroves of Southern China. *Science of the Total Environment* 708: 135025.
- Lo, H.S., X. Xu, C.Y. Wong & S.G. Cheung (2018) Comparisons of microplastic pollution between mudflats and sandy beaches in Hong Kong. *Environmental Pollution* 236: 208–217.
- Lo, H.S., C.Y. Wong, N.F.Y. Tam & S.G. Cheung (2019) Spatial distribution and source identification of hydrophobic organic compounds (HOCs) on sedimentary microplastic in Hong Kong. *Chemosphere* 219: 418–426.
- Luo, W., L. Su, N.J. Craig, F. Du, C. Wu & H. Shi (2019) Comparison of microplastic pollution in different water bodies from urban creeks to coastal waters. *Environmental Pollution* 246: 174–182.
- Mai, L., L.J. Bao, L. Shi, L.Y. Liu & E.Y. Zeng (2018) Polycyclic aromatic hydrocarbons affiliated with microplastics in surface waters of Bohai and Huanghai Seas, China. *Environmental Pollution* 241: 834–840.
- Mohsen, M., Q. Wang, L. Zhang, L. Sun, C. Lin & H. Yang (2019a) Heavy metals in sediment, microplastic and sea cucumber *Apostichopus japonicus* from farms in China. *Marine Pollution Bulletin* 143: 42–49.
- Mohsen, M., Q. Wang, L. Zhang, L. Sun, C. Lin & H. Yang (2019b) Microplastic ingestion by the farmed sea cucumber *Apostichopus japonicus* in China. *Environmental Pollution* 245: 1071–1078.
- Nie, H., J. Wang, K. Xu, Y. Huang, M. Yan. (2019) Microplastic pollution in water and fish samples around Nanxun Reef in Nansha Islands, South China Sea. *Science of the Total Environment* 696: 134022.
- Pan, Z., H. Guo, H. Chen, S. Wang, X. Sun, Q. Zou, Y. Zhang, H. Lin, S. Cai & J. Huang (2019) Microplastics in the Northwestern Pacific: Abundance, distribution, and characteristics. *Science of the Total Environment* 650: 1913–1922.
- Peng, G., B. Zhu, D. Yang, L. Su, H. Shi & D. Li (2017) Microplastics in sediments of the Changjiang Estuary, China. *Environmental Pollution* 225: 283–290.
- Qiu, Q., J. Peng, X. Yu, F. Chen, J. Wang & F. Dong (2015) Occurrence of microplastics in the coastal marine environment: First observation on sediment of China. *Marine Pollution Bulletin* 98(1–2): 274–280.
- Qu, X., L. Su, H. Li, M. Liang & H. Shi (2018) Assessing the relationship between the abundance and properties of microplastics in water and in mussels. *Science of the Total Environment* 621: 679–686.
- So, W.K., K. Chan & C. Not (2018) Abundance of plastic microbeads in Hong Kong coastal water. *Marine Pollution Bulletin* 133: 500–505.
- Su, L., H. Deng, B. Li, Q. Chen, V. Pettigrove, C. Wu & H. Shi (2019) The occurrence of microplastic in specific organs in commercially caught fishes from coast and estuary area of east China. *Journal of Hazardous Materials* 365: 716–724.
- Sun, X., Q. Li, M. Zhu, J. Liang, S. Zheng & Y. Zhao (2017) Ingestion of microplastics by natural zooplankton groups in the northern South China Sea, *Marine Pollution Bulletin* 115.1–2: 217–224.
- Sun, X., J. Liang, M. Zhu, Y. Zhao & B. Zhang (2018) Microplastics in seawater and zooplankton from the Yellow Sea. *Environmental Pollution* 242A: 585–595.
- Sun, X., Q. Li, Y. Shi, Y. Zhao, S. Zheng, J. Liang, T. Liu & Z. Tian (2019) Characteristics and retention of microplastics in the digestive tracts of fish from the Yellow Sea. *Environmental Pollution* 249: 878–885.

- Teng, J., Q. Wang, W. Ran, D. Wu, Y. Liu, S. Sun, H. Liu, R. Cao & J. Zhao (2019) Microplastic in cultured oysters from different coastal areas of China. *Science of the Total Environment* 653: 1282–1292.
- Tsang, Y.Y., C.W. Mak, C. Liebich, S.W. Lam, E.T.P. Sze & K.M. Chan (2017) Microplastic pollution in the marine waters and sediments of Hong Kong. *Marine Pollution Bulletin* 115(1–2): 20–28.
- Wang, J., Z. Tan, J. Peng, Q. Qiu & M. Li (2016) The behaviors of microplastics in the marine environment. *Marine Environmental Research* 113:7–17.
- Wang, T., X. Zou, B. Li, Y. Yao, J. Li, H. Hui, W. Yu & C. Wang (2018) Microplastics in a wind farm area: A case study at the Rudong Offshore Wind Farm, Yellow Sea, China. *Marine Pollution Bulletin* 128: 466–474.
- Wang, J., M. Wang, S. Ru & X. Liu (2019a) High levels of microplastic pollution in the sediments and benthic organisms of the South Yellow Sea, China. *Science of the Total Environment* 651(2): 1661–1669.
- Wang, J., L. Lu, M. Wang, T. Jiang, X. Liu & S. Ru (2019b) Typhoons increase the abundance of microplastics in the marine environment and cultured organisms: A case study in Sanggou Bay, China. *Science of the Total Environment* 667: 1–8.
- Wang, T., X. Zou, B. Li, Y. Yao, Z. Zang, Y. Li, W. Yu & W. Wang (2019c) Preliminary study of the source apportionment and diversity of microplastics: Taking floating microplastics in the South China Sea as an example. *Environmental Pollution* 245: 965–874.
- Xiong, X., X. Chen, K. Zhang, Z. Mei, Y. Hao, J. Zheng, C. Wu, K. Wang, Y. Ruan, P.K.S. Lam & D. Wang (2018) Microplastics in the intestinal tracts of East Asian finless porpoises (*Neophocaena asiakorae*) from Yellow Sea and Bohai Sea of China. *Marine Pollution Bulletin* 136: 55–60.
- Xu, P., G. Peng, L. Su, Y. Gao, L. Gao & D. Li (2018) Microplastic risk assessment in surface waters: A case study in the Changjiang Estuary, China. *Marine Pollution Bulletin* 133: 647–654.
- Yang, D., H. Shi, L. Li, J. Li, K. Jabeen & P. Kolandhsamy (2015) Microplastic Pollution in Table Salts from China. *Environmental Science and Technology* 49(22): 13622–13627.
- Yao, W., D. Di, Z. Wang, Z. Liao, H. Huang, K. Mei, R.A. Dahlgren, M. Zhang & X. Shang (2019) Micro- and macroplastic accumulation in a newly formed *Spartina alterniflora* colonized estuarine saltmarsh in southeast China. *Marine Pollution Bulletin* 149: 110636.
- Yu, X., J. Peng, J. Wang, K. Wang & S. Bao (2016) Occurrence of microplastics in the beach sand of the Chinese inner sea: the Bohai Sea. *Environmental Pollution* 214: 722–730.
- Zhang, W., X. Ma, Z. Zhang, Y. Wang, J. Wang, J. Wang & D. Ma (2015) Persistent organic pollutants carried on plastic resin pellets from two beaches in China. *Marine Pollution Bulletin* 99: 28–34.
- Zhang, H. (2017) Transport of microplastics in coastal seas. *Estuarine, Coastal, and Shelf Science* 199: 74–86.
- Zhang, W., S. Zhang, J. Wang, Y. Wang, J. Mu, P. Wang, X. Lin & D. Ma (2017) Microplastic pollution in the surface waters of the Bohai Sea, China. *Environmental Pollution* 231: 541–548.
- Zhang, F., X. Wang, J. Xu, L. Zhu, G. Peng, P. Xu & D. Li (2019a) Food-web transfer of microplastics between wild caught fish and crustaceans in East China Sea. *Marine Pollution Bulletin* 146: 173–182.
- Zhang, C., H. Zhou, Y. Cui, C. Wang, Y. Li & D. Zhang (2019b) Microplastics in offshore sediment in the Yellow Sea and East China Sea, China. *Environmental Pollution* 244: 827–833.
- Zhao, S., L. Zhu & D. Li (2015) Characterization of small plastic debris on tourism beaches around the South China Sea. *Regional Studies in Marine Science* 1: 55–62.
- Zhao, J., W. Ran, J. Teng, Y. Liu, H. Liu, X. Yin, R. Cao & Q. Wang (2018) Microplastic pollution in sediments from the Bohai Sea and the Yellow Sea, China. *Science of the Total Environment* 640-641: 637–645.
- Zheng, Y., J. Li, W. Cao, X. Liu, F. Jiang, J. Ding, X. Yin & C. Sun (2019) Distribution characteristics of microplastics in the seawater and sediment: A case study in Jiaozhou Bay, China. *Science of the Total Environment* 674: 27–35.
- Zhou, C., X. Liu, Z. Wang, T. Yang, L. Shi, L. Wang, S. You, M. Li & C. Zhang (2016) Assessment of marine debris in beaches or seawaters around China Seas and coastal provinces. *Waste Management* 48: 652–660.
- Zhou, Q., H. Zhang, C. Fu, Y. Zhou, Z. Dai, Y. Li, C. Tu & Y. Luo (2018) The distribution and morphology of microplastics in coastal soils adjacent to the Bohai Sea and the Yellow Sea. *Geoderma* 322: 201–208.
- Zhu, L., H. Bai, B. Chen, X. Sun, K. Qu & B. Xia (2018) Microplastic pollution in North Yellow Sea, China: Observations on occurrence, distribution, and identification. *Science of the Total Environment* 636: 20–29.
- Zhu, L., H. Wang, B. Chen, X. Sun, K. Qu & B. Xia (2019a) Microplastic ingestion in deep-sea fish from the South China Sea. *Science of the Total Environment* 677: 493–501.
- Zhu, J., Q. Zhang, Y. Li, S. Tan, Z. Kang, X. Yu, W. Lan, L. Cai, J. Wang & H. Shi (2019b) Microplastic pollution in the Maowei Sea, a typical mariculture bay of China. *Science of the Total Environment* 658: 62–68.
- Zhu, J., X. Yu, Q. Zhang, Y. Li, S. Tan, D. Li, Z. Yang & J. Wang (2019c) Cetaceans and microplastics: First report of microplastic ingestion by a coastal delphinid, *Sousa chinensis*. *Science of the Total Environment*. 659: 649–654.

Zhu, C., D. Li, Y. Sun, X. Zheng, X. Peng, K. Zheng, B. Hu, X. Luo & B. Mai (2019d) Plastic debris in marine birds from an island located in the South China Sea. *Marine Pollution Bulletin* 149: 110566.

RO Korea

- Al-Odaini, N.A., W.J. Shim, G.M. Han, M. Jang & S.H. Hong (2015) Enrichment of hexabromocyclododecanes in coastal sediments near aquaculture areas and a wastewater treatment plant in a semi-enclosed bay in South Korea. *Science of the Total Environment* 505: 290-298.
- *Browne, M.A., T.S. Galloway & R.C. Thompson (2010) Spatial patterns of plastic debris along estuarine shorelines. *Environmental Science & Technology* 44: 3404–3409.
- Chae, Y., S.H. Hong & Y.J. An (2020) Photosynthesis enhancement in four marine microalgal species exposed to expanded polystyrene leachate. *Ecotoxicology and Environmental Safety* 189: 109936.
- Chae, Y., D. Kim & Y.J. An (2019) Effects of micro-sized polyethylene spheres on the marine microalga *Dunaliella salina*: Focusing on the algal cell to plastic particle size ratio. *Aquatic Toxicology* 219: 105296.
- Cho, D.O. (2005) Challenges to marine debris management in Korea. *Coastal Management* 33(4): 389–409.
- Cho, D.O. (2009) The incentive programme for fishermen to collect marine debris in Korea. *Marine Pollution Bulletin* 58(3): 415–417.
- Cho, Y., W.J. Shim, M. Jang, G.M. Han & S.H. Hong (2019) Abundance and characteristics of microplastics in market bivalves from South Korea. *Environmental Pollution* 245: 1107–1116.
- Choi, E.C. & J.S. Lee (2018) The willingness to pay for removing the microplastics in the ocean – The case of Seoul metropolitan area, South Korea. *Marine Policy* 93: 93–100.
- EO, S., S.H. Hong, Y.K. Song, J. Lee, J. Lee & W.J. Shim (2018) Abundance, composition, and distribution of microplastics larger than 20µm in sand beaches of South Korea. *Environmental Pollution* 238: 894–902.
- Heo, N.W., S.H. Hong, G.M. Han, S. Hong, J. Lee, Y.K. Song, M. Jang & W.J. Shim (2013) Distribution of small plastic debris in cross-section and high strandline on Heungnam beach, South Korea. *Ocean Science Journal* 48(2): 225–233.
- *Hidalgo-Ruz, V., L. Gutow, R.C. Thompson & M. Thiel (2012) Microplastics in the marine environment: a review of the methods used for identification and quantification. *Environmental Science & Technology* 46(6): 3060-3075.
- Hong, S., J. Lee, Y.C. Jang, Y.J. Kim, H.J. Kim, D. Han, S.H. Hong, D. Kang & W.J. Shim (2013) Impacts of marine debris on wild animals in the coastal area of Korea. *Marine Pollution Bulletin* 66(1–2): 117–124.
- Hong, S., J. Lee, D. Kang, H.W. Choi & S.H. Ko (2014a) Quantities, composition, and sources of beach debris in Korea from the results of nationwide monitoring. *Marine Pollution Bulletin* 84: 27–34.
- Hong, S.Y., C.W. Lee, S. Hong, J. Lee, & Y.C. Jang (2014b) Evaluation of beach pollution by aquaculture styrofoam buoys in Tongyeong, Korea. *Journal of the Korean Society for Marine Environment and Energy* 17(2): 104–115.
- Hong, S.W., J. Lee & D. Kang (2015) Emergency evaluation of management measures for derelict fishing gears in Korea. *Ocean Science Journal* 50: 603–613.
- Hong, S., J. Lee, C. Lee, S.J. Yoon, S. Jeon, B.O. Kwon, J.H. Lee, J.P. Giesy & J.S. Khim (2016) Are styrene oligomers in coastal sediments of an industrial area aryl hydrocarbon-receptor agonists? *Environmental Pollution* 213: 913–921.
- Hong, S.H., W.J. Shim & L. Hong (2017a) Methods of analysing chemicals associated with microplastics: A review. *Analytical Methods* 9: 1361–1368.
- Hong, S., J. Lee & S. Lim (2017b) Navigational threats by derelict fishing gear to navy ships in the Korean seas. *Marine Pollution Bulletin* 119(2): 100-105.
- Jang, C.J., J. Lee, S. Hong, J.Y. Mok, K.S. Kim, Y.J. Lee, H.W. Choi, H. Kang & S. Lee (2014a) Estimation of the annual flow and stock of marine debris in South Korea for management purposes. *Marine Pollution Bulletin* 86: 505–511.
- Jang, Y.C., J. Lee, S. Hong, J.S. Lee, W.J. Shim & Y.K. Song (2014b) Sources of plastic marine debris on beaches of Korea: More from the ocean than the land. *Ocean Science Journal* 49: 151–162.
- Jang, S.W., D.H. Kim, K.T. Seong, Y.H. Chung & H.J. Yoon (2014c) Analysis of floating debris behaviour in the Nakdong River basin of the southern Korean peninsula using satellite location tracking buoys. *Marine Pollution Bulletin* 88: 275–283.
- Jang, Y.C., S. Hong, J. Lee, M.J. Lee & W.J. Shim (2014d) Estimation of lost tourism revenue in Geoje Island from the 2011 marine debris pollution event in South Korea. *Marine Pollution Bulletin* 81: 49–54.
- Jang, S.W., S.K. Lee, D.H. Kim, Y.H. Chung & H.J. Yoon (2015) Application of remote monitoring to overcome the temporal and spatial limitations of beach litter survey. *Advanced Science and Technology Letters* 95: 67–72.
- Jang, M., W.J. Shim, G.M. Han, M. Rani, Y.K. Song & S.H. Hong (2016) Styrofoam debris as a source of hazardous additives for marine organisms. *Environmental Science and Technology* 50(10): 4951–4960.
- Jang, M., W.J. Shim, G.M. Han, Y.K. Song & S.H. Hong (2018) Formation of microplastics by polycyetes (*Marphysa sanguinea*) inhabiting expanded polystyrene marine debris. *Marine Pollution Bulletin* 131: 365–369.

- Jeong, C.B., E.J. Won, H.M. Kang, M.C. Lee, D.S. Hwang, U.K. Hwang, B. Zhou, S. Souissi, S.J. Lee & J.S. Lee (2016) Microplastic size-dependent toxicity, oxidative stress induction, and p-JNK and p-p38 activation in the monogonont rotifer (*Brachionus koreanus*). *Environmental Science and Technology* 50(16): 8849–8857.
- Jeong, C.B. H.M. Kang, M.C. Lee, D.H. Kim, J. Han, D.S. Hwang, S. Souissi, S.J. Lee, K.H. Shin, H.G. Park & J.S. Lee. (2017) Adverse effects of microplastics and oxidative stress-induced MAPK/Nrf2 pathway-mediated defense mechanisms in the marine copepod *Paracyclopsina nana*. *Scientific Reports* 7: 41323.
- Jeong, C.B., H.M. Kang, Y.H. Lee, M.S. Kim, J.S. Lee, J.S. Seo, M. Wang & J.S. Lee (2018) Nanoplastic ingestion enhances toxicity of persistent organic pollutants (POPs) in the monogonont rotifer *Brachionus koreanus* via multixenobiotic resistance (MXR) disruption. *Environmental Science and Technology* 52(19): 11411–11418.
- Jo, H.J., O.B. Kwon & S.B. Jeong (2005) A study on the distribution and composition of marine debris in the middle part of East Sea, Korea. *Journal of the Korean Society of Fisheries and Ocean Technology* 41(4): 306–315.
- Jung, R.T., H.G. Sung, T.B. Chun & S.I. Keel (2010) Practical engineering approaches and infrastructure to address the problem of marine debris in Korea. *Marine Pollution Bulletin* 60(9): 1523–1532.
- Kang, J.H., O.Y. Kwon & W.J. Shim (2015a) Potential threat of microplastics to zooplanktivores in the surface waters of the Southern Sea of Korea. *Archives of Environmental Contamination and Toxicology* 69: 340–351.
- Kang, J.H., O.Y. Kwon, K.W. Lee, Y.K. Song & W.J. Shim (2015b) Marine neustonic microplastics around the southeastern coast of Korea. *Marine Pollution Bulletin* 96(1–2): 304–312.
- *Karami, A., A. Golieskardi, C.K. Choo, N. Romano, Y.B. Ho & B. Salamantina (2017) A high-performance protocol for extraction of microplastics in fish. *Science of the Total Environment* 578: 485–494.
- Khim, J.S., S. Hong, S.J. Yoon, J. Nam, J. Ryu & S.G. Kang (2018) A comparative review and analysis of tentative ecological quality objectives for protection of marine environments in Korea and China. *Environmental Pollution* 242: 2027–2039.
- Kim, J.H., M.S. Kim & Y.B. Kim (2005) Distribution and composition of floating debris in the East Sea during the summer season. *Journal of Fisheries and Marine Sciences Education* 17(1): 58–66.
- Kim, M., S. Hyun & J.H. Kwon (2015a) Estimation of the environmental load of High- and Low-Density Polyethylene from South Korea using a mass balance approach. *Archives of Environmental Contamination and Toxicology* 69(3): 367–373.
- Kim, I.S., D.H. Chae, S.K. Kim, S.B. Choi & S.B. Woo (2015b) Factors influencing the spatial variation of microplastics on high-tidal coastal beaches in Korea. *Archives of Environmental Contamination and Toxicology* 69: 299–309.
- Kim, S.W. & Y.J. An (2019) A simple and efficient method for separation of low-density polyethylene films into different micro-sized groups for laboratory investigation. *Science of the Total Environment* 668: 84–89.
- Kwon, B.G., K. Koizumi, S.Y. Chung, Y. Kodera, J.O. Kim & K. Saido (2015) Global styrene oligomers monitoring as new chemical contamination from polystyrene plastic marine pollution. *Journal of Hazardous Materials* 300: 359–367.
- Lee, D.I., H.S. Cho & S.B. Jeong (2006) Distribution characteristics of marine litter on the sea bed of the East China Sea and the South Sea of Korea. *Estuarine, Coastal and Shelf Science* 70: 187–194.
- Lee, K.W., W.J. Shim, O.Y. Kwon & J.H. Kang (2013a) Size-dependent effects of micro polystyrene particles in the marine copepod *Tigriopus japonicus*. *Environmental Science and Technology* 47(19): 11278–11283.
- Lee, J., S. Hong, Y.K. Song, S.H. Hong, Y.C. Jang, M. Jang, N.W. Heo, G.M. Han, M.J. Lee, D. Kang & W.J. Shim (2013b) Relationships among the abundances of plastic debris in different size classes on beaches in South Korea. *Marine Pollution Bulletin* 77: 349–354.
- Lee, J., J.S. Lee, Y.C. Jang, S.Y. Hong, W.J. Shim, Y.K. Song, S.H. Hong, M. Jang, G.M. Han, D. Kang & S. Hong (2015) Distribution and size relationships of plastic marine debris on beaches in South Korea. *Archives of Environmental Contamination and Toxicology* 69: 288–298.
- Lee, H.S. & Y.J. Kim (2017) Estimation of microplastics emission potential in South Korea – for primary source. *Journal of the Korean Society of Oceanography* 22(3): 135–149.
- Lee, J., S. Hong & J. Lee (2019) Rapid assessment of marine debris in coastal areas using a visual scoring indicator. *Marine Pollution Bulletin* 149: 110552.
- Rani, M., W.J. Shim, G.M. Han, M. Jang, Y.K. Song & S.H. Hong (2014) Hexabromocyclododecane in polystyrene based consumer products: An evidence of unregulated use. *Chemosphere* 110: 111–119.
- Rani, M., W.J. Shim, M. Jang, G.M. Han & S.H. Hong (2017) Releasing of hexabromocyclododecanes from expanded polystyrenes in seawater – field and laboratory experiments. *Chemosphere* 185: 798–805.
- Saido, K., K. Koizumi, H. Sato, N. Ogawa, B.G. Kwon, S.Y. Chung, T. Kusui, M. Nishimura & Y. Kodera (2014) New analytical method for the determination of styrene oligomers formed from polystyrene decomposition and its application at the coastlines of the North-West Pacific Ocean. *Science of the Total Environment* 473–474: 490–495.

- Shim, W.J., Y.K. Song, S.H. Hong & M. Jang (2016) Identification and quantification of microplastics using Nile Red staining. *Marine Pollution Bulletin* 113: 469–476.
- Song, Y.K., S.H. Hong, M. Jang, J.H. Kang, O.Y. Kwon, G.M. Han & W.J. Shim (2014) Large accumulation of micro-sized synthetic polymer particles in the sea surface microlayer. *Environmental Science and Technology* 48(16): 9014–9021.
- Song, Y.K., S.H. Hong, M. Jang, G.M. Han, M. Rani, J. Lee & W.J. Shim (2015) A comparison of microscopic and spectroscopic identification methods for analysis of microplastics in environmental samples. *Marine Pollution Bulletin* 93: 202–209.
- Song, Y.K., S.H. Hong, M. Jang, G.M. Han, S.W. Jung & W.J. Shim (2017) Combined effects of UV exposure duration and mechanical abrasion on microplastic fragmentation by polymer type. *Environmental Science and Technology* 51(8): 4368–4376.
- Song, Y.K., S.H. Hong, S. Eo, M. Jang, G.M. Han, A. Isobe & W.J. Shim (2018) Horizontal and vertical distribution of microplastics in Korean coastal waters. *Environmental Science and Technology* 52(21): 12188–12197.

Japan

- Amamiya, K., K. Saido, S.Y. Chung, T. Hiaki, D.S. Lee & B.G. Kwon (2019) Evidence of transport of styrene oligomers originated from polystyrene plastic to oceans by runoff. *Science of the Total Environment* 667: 57–63.
- Chiba, S., H. Saito, R. Fletcher, T. Yogi, M. Kayo, S. Miyagi, M. Ogido & K. Fujikura (2018) Human footprint in the abyss: 30 year records of deep-sea plastic debris. *Marine Policy* 96: 204–212.
- Endo, S., R. Takizawa, K. Okuda, H. Takada, K. Chiba, H. Kanehiro, H. Ogi, R. Yamashita & T. Date (2005) Concentration of polychlorinated biphenyls (PCBs) in beached resin pellets: Variability among individual particles and regional differences. *Marine Pollution Bulletin* 50: 1103–1114.
- Goto, T. & H. Shibata (2015) Changes in abundance and composition of anthropogenic marine debris on the continental slope off the Pacific coast of northern Japan, after the March 2011 Tohoku earthquake. *Marine Pollution Bulletin* 95: 234–241.
- Hirai, H., H. Takada, Y. Ogata, R. Yamashita, K. Mizukawa, M. Saha, C. Kwan, C. Moore, H. Gray, D. Laursen, E.R. Zettler, J.W. Farrington, C.M. Reddy, E.E. Peacock & M.W. Ward (2011) Organic micropollutants in marine plastics debris from the open ocean and remote and urban beaches. *Marine Pollution Bulletin* 62: 1683–1692.
- Isobe, A., K. Kubo, Y. Tamura, S. Kako, E. Nakashima & N. Fujii (2014) Selective transport of microplastics and mesoplastics by drifting in coastal waters. *Marine Pollution Bulletin* 89: 324–330.
- Isobe, A., K. Uchida, T. Tokai & S. Iwasaki (2015) East Asian seas: A hot spot of pelagic microplastics. *Marine Pollution Bulletin* 101(2): 618–623.
- Isobe, A. (2016) Percentage of microbeads in pelagic microplastics within Japanese coastal waters. *Marine Pollution Bulletin* 110(1): 432–437.
- Isobe, A., S. Iwasaki, K. Uchida & T. Tokai (2019) Abundance of non-conservative microplastics in the upper ocean from 1957 to 2066. *Nature Communications* 10: 417.
- Iwasaki, S., A. Isobe, S. Kako, K. Uchida & T. Tokai (2017) Fate of microplastics and mesoplastics carried by surface currents and wind waves: A numerical model approach in the Sea of Japan. *Marine Pollution Bulletin* 121(1–2): 85–96.
- Jamieson, A.J., L.S.R. Brooks, W.D.K. Reid, S.B. Piertney, B.E. Narayanaswamy & T.D. Linley (2019) Microplastics and synthetic particles ingested by deep-sea amphipods in six of the deepest marine ecosystems on Earth. *Royal Society Open Science* 6: 180667.
- Kako, S., A. Isobe, S. Magome, H. Hinata, S. Seino & A. Kojima (2011) Establishment of numerical beach-litter hindcast/forecast models: An application to Goto Islands, Japan. *Marine Pollution Bulletin* 62(2): 293–302.
- Kataoka, T., H. Hinata & S. Kako (2012) A new technique for detecting colored macro plastic debris on beaches using webcam images and CIELUV. *Marine Pollution Bulletin* 64: 1829–1836.
- Kataoka, T., H. Hinata & S. Kato (2013). Analysis of a beach as a time-invariant linear input/output system of marine litter. *Marine Pollution Bulletin* 77(1–2): 266–273.
- Kataoka, T., H. Hinata & S. Kato (2015) Backwash process of marine macroplastics from a beach by nearshore currents around a submerged breakwater. *Marine Pollution Bulletin* 101(2): 539–548.
- Kataoka, T. & H. Hinata (2015) Evaluation of beach cleanup effects using linear system analysis. *Marine Pollution Bulletin* 91(1): 73–81.
- Kinjo, A. K. Mizukawa, H. Takada & K. Inoue (2019) Size-dependent elimination of ingested microplastics in the Mediterranean mussel *Mytilus galloprovincialis*. *Marine Pollution Bulletin* 149: 110512.

- Kusui, T. & M. Noda (2003) International survey on the distribution of stranded and buried litter on beaches along the Sea of Japan. *Marine Pollution Bulletin* 47(1–6): 175–179.
- Mato, Y., T. Isobe, H. Takada, H. Kanehiro, C. Ohtake & T. Kaminuma (2001) Plastic resin pellets as a transport medium for toxic chemicals in the marine environment. *Environmental Science and Technology* 35(2): 318–324.
- Matsuguma, Y., H. Takada, H. Kumata, H. Kanke, S. Sakurai, T. Suzuki, M. Itoh, Y. Okazaki, R. Boonyatumanond, M.P. Zakaria, S. Weerts & B. Newman (2017) Microplastics in sediment cores from Asia and Africa as indicators of temporal trends in plastic pollution. *Archives of Environmental Contamination and Toxicology* 73(2): 230–239.
- Maximenko, N., J. Hafner, M. Kamachi & A. MacFadyen (2018) Numerical simulations of debris drift from the Great Japan Tsunami of 2011 and their verification with observational reports. *Marine Pollution Bulletin* 132: 5–25.
- Nakashima, E., A. Isobe, S. Kako, T. Itai & S. Takahashi (2012) Quantification of toxic metals derived from macroplastic litter on Ookushi Beach, Japan. *Environmental Science and Technology* 46(18): 10099–10105.
- Nakashima, E., A. Isobe, S. Kako, T. Itai, S. Takahashi & X. Guo (2016) The potential of oceanic transport and onshore leaching of additive-derived lead by marine macro-plastic debris. *Marine Pollution Bulletin* 107: 333–339.
- Sagawa, N., K. Kawai & H. Hinata (2018) Abundance and size of microplastics in a coastal sea: Comparison among bottom sediment, beach sediment, and surface water. *Marine Pollution Bulletin* 133: 532–542.
- Tanaka, K., H. Takada, R. Yamashita, K. Mizukawa, M. Fukuwaka & Y. Watanuki (2013) Accumulation of plastic-derived chemicals in tissues of seabirds ingesting marine plastics. *Marine Pollution Bulletin* 69: 219–222.
- Tanaka, K., H. Takada, R. Yamashita, K. Mizukawa, M. Fukuwaka & Y. Watanuki (2015) Facilitated leaching of additive-derived PBDEs from plastic by seabirds' stomach oil and accumulation in tissues. *Environmental Science and Technology* 49: 11799–11807.
- Tanaka, K. & H. Takada (2016) Microplastic fragments and microbeads in digestive tracts of planktivorous fish from urban coastal waters. *Scientific Reports* 6: 34351.
- Tanaka, K., J.A. van Franeker, T. Deguchi & H. Takada (2019) Piece-by-piece analysis of additives and manufacturing byproducts in plastics ingested by seabirds: Implication for risk of exposure to seabirds. *Marine Pollution Bulletin* 145: 36–41.
- Terazono, A. (2019) Recent management policy of plastic and packaging waste in Japan. *Korea Society of Waste Management. ISEE 2019, Jeju, Korea. S2–06, pp. 253–261.*
- Yamashita, R., H. Takada, M. Fukuwaka & Y. Watanuki (2011) Physical and chemical effects of ingested plastic debris on short-tailed shearwaters, *Puffinus tenuirostris*, in the North Pacific Ocean. *Marine Pollution Bulletin* 62: 2845–2849.

Documents and reports from intergovernmental institutions

- ASEAN Secretariat (2019) ASEAN Framework of Action on Marine Debris. Retrieved from: <https://asean.org/asean-framework-action-marine-debris/>.
- ASEAN Secretariat (2019) Bangkok Declaration on Combating Marine Debris in ASEAN Region. Retrieved from: <https://asean.org/bangkok-declaration-combating-marine-debris-asean-region/>.
- COBSEA (2019) COBSEA Regional Action Plan on Marine Litter (RAP MALI). Retrieved from: <http://wedocs.unep.org/handle/20.500.11822/30162>.
- GESAMP (2015) Sources, fate and effects of microplastics in the marine environment: A global assessment (Kershaw, P. J., ed), (IMO/FAO/UNESCO-IOC/UNIDO/WMO/IAEA/UN/UNEP/UNDP Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection). Rep. Stud. GESAMP No. 90: 96.
- GESAMP (2016) Sources, fate and effects of microplastics in the marine environment: Part two of a global assessment (Kershaw, P.J., & Rochman, C.M., eds), (IMO/FAO/UNESCO-IOC/UNIDO/WMO/IAEA/UN/UNEP/UNDP Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection) Rep. Stud. GESAMP No. 93: 220.
- GESAMP (2019) Guidelines for the monitoring and assessment of plastic litter and microplastics in the ocean (Kershaw P.J., Turra A. & Galgani F. eds), (IMO/FAO/UNESCO-IOC/UNIDO/WMO/IAEA/UN/UNEP/UNDP/ISA Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection) Rep. Stud. GESAMP No. 99: 130.
- UNEP (2011) The Honolulu Strategy - A global framework for prevention and management of marine debris.
- UNEP (2013) Manila Declaration. 15th Global Meeting of the Regional Seas Conventions and Action Plans, 30 September - 1 October 2013 in Montego Bay, Jamaica.
- UNEP (2016) Marine Litter Legislation: A Toolkit for Policymakers. Retrieved from: http://wedocs.unep.org/bitstream/handle/20.500.11822/8630/Marine_litter_legislation_A_policy_toolkit_for_policymakers-2016marine_litter_legislation.pdf.pdf?sequence=2&isAllowed=y.

- UNEP (2018). Global Partnership on Marine Litter (GPML) Framework Document. 4th Intergovernmental Review Meeting on the Implementation of the Global Programme of Action for the Protection of the Marine Environment from Land-based Activities 31 October - 1 November 2018 in Bali, Indonesia.
- UNEP (2018). Legal Limits on Single-Use Plastics and Microplastics: A Global Review of National Laws and Regulations. Retrieved from: <http://wedocs.unep.org/handle/20.500.11822/27113>.
- UNEP (2018). Single-Use Plastics - A Roadmap for Sustainability. Retrieved from: https://wedocs.unep.org/bitstream/handle/20.500.11822/25496/singleUsePlastic_sustainability.pdf?sequence=1&isAllowed=y.
- UNEP (2019). The Role of Packaging Regulations and Standards in Driving the Circular Economy. Retrieved from: http://sos2019.sea-circular.org/wp-content/uploads/2019/11/FINAL_THE-ROLE-OF-PACKAGING-REGULATIONS-AND-STANDARDS-IN-DRIVING-THE-CIRCULAR-ECONOMY.pdf.