

REFERENCES

- Abu-Hilal, A. H. & Al-Najjar, T. (2004). Litter pollution on the Jordanian shores of the Gulf of Aqaba (Red Sea). *Marine Environmental Research* **58**(1), 39 – 63.
- Agamuthu, P. (2001). *Solid waste: Principles and management*. Kuala Lumpur: University of Malaya.
- Agamuthu, P. & Fauziah, S.H. (2011). Challenges and issues in moving towards sustainable landfilling in a transitory country – Malaysia. *Waste Management & Research* **29**(1), 13 – 19.
- Agamuthu, P., Fauziah, S.H. & Khidzir, K. M. (2009). Evolution of solid waste management in Malaysia: impacts and implications of the solid waste bill, 2007. *Journal of Material Cycles & Waste Management* **11**(2), 96 – 103.
- Agamuthu, P., Fauziah, S.H. & Khidzir, K. M. & Chong, L. P. (2008). Issues and challenges of 3Rs in the Asia and Pacific regions. Paper presented in the Asian Productivity Organization Conference 2008, Asian Productivity Organization. Tokyo, Japan. pp. 12.
- Allsopp, M., Walters, A., Santillo, D. & Johnston, P. (2006). *Plastic Debris in the World's Oceans*. Retrieved 2 June 2010, from (http://www.greenpeace.org/international/en/publications/reports/plastic_ocean_report/).
- Andrady, A. L. (2003a). Common plastics materials. In Andrady, A. L. (Ed.), *Plastics and the environment* (pp. 77 – 121). New Jersey, USA: John Wiley & Sons, Inc.
- Andrady, A. L. (2003b). An environmental primer. In Andrady, A. L. (Ed.), *Plastics and the environment* (pp. 3 – 75). New Jersey, USA: John Wiley & Sons, Inc.
- Andreadakis, A. D., Razis, Y., Hadjibiros, K. & Christoulas, D. G. (2000). Municipal solid waste management in Greece. *Environment and Management* **10**, 171 – 202.
- Azzarello, M. Y. & Van-Vleet, E. S. (1987). Marine birds and plastic pellets. *Marine Ecology Progress Series* **37**(2 – 3), 295 – 303.
- Bai, R. & Sutanto, M. (2002). The practice and challenges of solid waste management in Singapore. *Waste Management* **22**(5), 557 – 567.
- Baird, R. W. & Hooker, S. K. (2000). Ingestion of plastic and unusual prey by a juvenile harbour porpoise. *Marine Pollution Bulletin* **40**(8), 719 – 720.
- Baretta-Bekker, J. G., Duursma, E. K. & Kuipers, B. R. (1998). *Encyclopedia of marine sciences* (2nd corrected and enl. ed.). New York: Springer-Verlag Berlin Heidelberg.
- Barnes, D. K. A., Galgani, F., Thompson, R. C. & Barlaz, M. (2009). Accumulation and

fragmentation of plastic debris in global environments. *Philosophical Transactions of the Royal Society Biology* **364**, 1985–1998.

- Barreiros, J. P. & Barcelos, J. (2001). Plastic ingestion by leatherback turtle *Dermochelys coriacea* from the Azores (NE Atlantic). *Marine Pollution Bulletin* **42**(11), 1196 – 1197.
- Bauer, L. J., Kendall, M. S. & Jeffrey, C. F. G. (2008). Incidence of marine debris and its relationships with benthic features in Gray's Reef National Marine Sanctuary, Southeast USA. *Marine Pollution Bulletin* **56**(3), 402–413.
- Beck, C. A. & Barros, N. B. (1991). The impact of debris on the Florida manatee. *Marine Pollution Bulletin* **22**(10), 508–510.
- Beer, T. (1983). *Environmental oceanography: An introduction to the behavior of coastal waters*. Oxford: Pergamon Press.
- Bjorndal, K. A., Bolton, A. B. & Lagueux, C. J. (1994). Ingestion of marine debris by juvenile sea turtles in coastal Florida habitats. *Marine Pollution Bulletin* **28**(3), 154 – 158.
- Blight, L. K. & Burger, A. E. (1997). Occurrence of plastic particles in seabirds from the Eastern North Pacific. *Marine Pollution Bulletin* **34**(5), 323 – 325.
- Boerger, C. M., Lattin, G. L., Moore, S. L. & Moore, C. J. (2010). Plastic ingestion by planktivorous fishes in the North Pacific Central Gyre. *Marine Pollution Bulletin* **60**(12), 2275–2278.
- Briston, J. H. (1983). *Plastics Films*. New York: Longman Inc.
- Bridgewater, A. V. & Mumford, C. J. (1979). *Waste recycling and pollution control handbook*. Great Britain: George Godwin.
- Browne, M. A., Galloway, T. S. & Thompson, R. C. (2010). Spatial patterns of plastic debris along estuarine shorelines. *Environmental Science and Technology* **44**(9), 3404–3409.
- Browne, M. A., Dissanayake, A., Galloway, T. S., Lowe, D. M. & Thompson, R. C. (2008). Ingested microscopic plastic translocates to the circulatory system of the mussel, *M. edulis* (L.). *Environmental Science Technology* **42**, 5026 – 5031.
- Bugoni, L., Krause, L. & Petry, M. V. (2001). Marine debris and human impacts on sea turtles in Southern Brazil. *Marine Pollution Bulletin* **42**(12), 1330 – 1334.
- Carpenter, E. J., Anderson, S. J., Harvey, G. R., Miklas, H. P. & Peck, B. B. (1972). Polystyrene spherules in coastal waters. *Science* **178** (4062), 749 – 750.
- Carr, A. (1987). Impact of nondegradable marine debris on the ecology and survival outlook of sea turtles. *Marine Pollution Bulletin* **18**(6), 352 – 356.
- Chan, E. H., Liew, H. C. & Der, F. P. (1996). Beached debris in Pulau Redang and a

- mainland beach in Terengganu. In Sasekumar, A. (Ed.), Proc. 13th Annual Seminar of the Malaysian Society of Marine Sciences on Impact of Development and Pollution on the Coastal Zone in Malaysia, 26th October 1996, Kuala Lumpur, Malaysia, (pp. 99 – 108).
- Chiappone, M., White, A., Swanson, D. W. & Miller, S. L. (2002). Occurrence and biological impacts of fishing gear and other marine debris in the Florida Keys. *Marine Pollution Bulletin* **44**(7), 597 – 604.
- Clark, R. B. (2001). *Marine pollution* (5th ed.). Oxford: Oxford University Press.
- CMC (1992). CMC (1991) International coastal clean-up overview. Center for Marine Conservation (1992).
- CMC (2002). MARPOL/MPPRCA. Center for Marine Conservation (2002). Retrieved 5 July 2010, from (<http://www.cmc-ocean.org/mdio/marpol.php3>).
- Coe, J. M. and Rogers, D. B. (1997). *Marine debris: Sources, impacts, and solutions*. New York: Springer.
- Contreras, F., Hanaki, K. Aramaki, T. & Connor, S. (2008). Application of analytical hierarchy process to analyze stakeholders preferences for municipal solid waste management plans, Boston, USA. *Resources, Conservation and Recycling* **52**(7), 979 – 991.
- Convey, P., Barnes, D. K. A. & Morton, A. (2002). Debris accumulation on oceanic island shores of the Scotia Arc, Antarctica. *Polar Biology* **25**(8), 612 – 617.
- Cooper, D. A. & Corcoran, P. L. (2010). Effects of mechanical and chemical processes on the degradation of plastic beach debris on the island of Kauai, Hawaii. *Marine Pollution Bulletin* **60**(5), 650 – 654.
- Corbin, C. J. & Singh, J. G. (1993). Marine debris contamination of beaches in St. Lucia and Dominica. *Marine Pollution Bulletin* **26**(6), 325 – 328.
- Corcoran, P. L., Biesinger, M. C. & Grifi, M. (2009). Plastics and beaches: a degrading relationship. *Marine Pollution Bulletin* **58**(1), 80 – 84.
- Costa, M. F., Ivar do Sul, J. A., Silva-Cavalcanti, J. S., Araújo, M. C. B., Spengler, Â. & Tourinho, P. S. (2009). On the importance of size of plastic fragments and pellets on the strandline: a snapshot of a Brazilian beach. *Environmental Monitoring Assessment*. [doi: DOI 10.1007/s10661-009-1113-4]. Retrieved 23 August 2010, from (http://www.algalita.org/documents/on_the_importance_of_size_of_plastic_fragments_and_pellets_on_the_strandline.pdf).
- Day, R. H., Wehle, D. H. S. & Coleman, F. C. (1985). Ingestion of plastic pollutants by marine birds. In Shomura, R. S. & Yoshida, H. O. (Eds), *Proceedings of the workshop on the fate and impact of marine debris*, 27-29 November 1984, Honolulu, Hawaiian (pp. 344 – 386). US Dep. Commer: NOAA Tech. Memo., NMFS. NOAA-TM-NMFS-SWFC-54.

- Debrot, A. O., Tiel, A. B. And Bradshaw, J. E. (1999). Beach debris in Curaçao. *Marine Pollution Bulletin* **38**(9), 795 – 801.
- DeGange, A. R. & Newby, T. C. (1980). Mortality of seabirds and fish in a lost salmon driftnet. *Marine Pollution Bulletin* **1**, 322 – 323.
- Derraik, J. G. B. (2002). The pollution of the marine environment by plastic debris: a review. *Marine Pollution Bulletin* **44**(9), 842 – 852.
- Dixon, T. R. & Dixon, T. J. (1981). Marine litter surveillance. *Marine Pollution Bulletin* **12**(9), 289 – 295.
- Donohue, M. J. (2005). Eastern Pacific Ocean source of Northwestern Hawaiian Islands marine debris supported by errant fish aggregating device. *Marine Pollution Bulletin* **50**(9), 886 – 888.
- Drake, C. L., Imbrie, J., Knauss, J. A & Turekian, K. K. (1978). *Oceanography*. New York: Holt, Rinehart and Winston.
- Duxbury, A. B., Duxbury, A. C. & Sverdrup, K. A. (2002). *Fundamentals of oceanography* (4th ed.). New York: McGraw-Hill Higher Education.
- Duxbury, A. C. (1971). *The earth and its ocean*. Reading, Massachusetts: Addison-Wesley Publishing Company, Inc.
- Duxbury, A. C., Duxbury, A. B. & Sverdrup, K. A. (2000). *An introduction in the world's oceans* (6th ed). New York: McGraw-Hill Higher Education.
- Encyclopædia Britannica (2010). *Foamed plastic*. Retrieved 22 August 2010, from (<http://www.britannica.com/EBchecked/topic/211793/foamed-plastic>).
- Eriksson, C. & Burton, H. (2003). Origins and biological accumulation of small plastic particles in fur seals from Macquarie Island. *Ambio* **32**(6), 380 – 384.
- FAO & UNEP (2009). *Abandoned, lost or otherwise discarded fishing gear*. Retrieved 12 July 2010, from (http://www.unep.org/regionalseas/marinelitter/publications/docs/Marine_Litter_AbandonedLost_Fishing_Gear.pdf).
- Fauziah, S. H., Khairunnisa, A. K., Siti Zubaidah, B. & Agamuthu, P. (2009). Public perception on Solid Waste and Public Cleansing Management Bill 2007 towards sustainable waste management in Malaysia. In: Proc. Of ISWA Congress. Portugal: Lisbon. International Solid Waste Association. p.8.
- Findtargetreference. (Online 1999-2011). Marine debris. Retrieved 7 September 2010, from (<http://reference.findtarget.com/search/Marine%20debris/>).
- Fowler, C. W. (1987). Marine debris and northern fur seals: a case study. *Marine Pollution Bulletin* **18**(6), 326 – 335.

- Frost, A. & Cullen, M. (1997). Marine debris on Northern New South Wales Beaches (Australia): sources and the role of beach usage. *Marine Pollution Bulletin* **34**(5), 348 – 352.
- Fry, D. M., Fefer, S. I. & Sileo, L. (1987). Ingestion of plastic debris by Laysan Albatrosses and Wedge-tailed Shearwaters in the Hawaiian Islands. *Marine Pollution Bulletin* **18**(6), 339 – 343.
- Gait, A. J. & Hancock, E. G. (1970). *Plastics and synthetic rubbers*. Oxford: Pergamon Press.
- Garrison, T. (2005). *Oceanography – An Invitation to Marine Science* (5th ed.). Belmont, California: Thomson-Brooks/Cole.
- Garrison, T. (2006). *Essentials of Oceanography* (4th ed.). Belmont, California: Thomson-Brooks/Cole.
- Garrity, S. D. & Levings, S. C. (1993). Marine debris along the Caribbean coast of Panama. *Marine Pollution Bulletin* **26**(6), 317 – 324.
- Gerlach, S. A. (1981). *Marine pollution: diagnosis and therapy*. Berlin New York : Springer-Verlag.
- GESAMP (IMCO/FAO/UNESCO/WMO/WHO/IAEA/UN/UNEP Joint Group of Experts on Scientific Aspects of Marine Pollution) (1982). *Scientific criteria for the selection of waste disposal sites at sea*. London: Reports and Studies No. 16, Inter-Governmental Maritime Consultative Organization. Retrieved 25 August 2010, from http://www.gesamp.org/data/gesamp/files/media/Publications/Reports_and_studies16/gallery_1232/object_1238_large.pdf.
- Goettlich, P. (17 October 2005). *Plastic in the sea*. Retrieved 25 August 2010, from <http://www.mindfully.org/Plastic/Ocean/Sea-Plastic-LN-PG5oct05.htm>.
- Goldberg, E. D. (1976). *The health of the oceans*. Paris: Unesco press.
- Goldberg, E. D. (1995). The health of the oceans – a 1994 update. *Chemistry and Ecology* **10**(1), 3 – 8.
- Golik, A. & Gertner, Y. (1992). Litter on the Israeli coastline. *Marine Environmental Research* **33**(1), 1 – 15.
- Golik, A. (1997). Debris in the Mediterranean Sea: Types, quantities, and behavior. In Coe, J. M. & Rogers, D. B. (Eds.), *Marine debris: Sources, impacts, and solutions* (pp. 7 – 14). New York: Springer.
- Gorman, M. (1993). *Environmental Hazards – Marine Pollution*. Santa Barbara: ABC-CLIO Inc.
- Gregory, M. R. (1978). Accumulation and distribution of virgin plastic granules on New Zealand beaches. *New Zealand Journal of Marine and Freshwater Research* **12**(4), 399 – 414.

- Gregory, M. R. (1991). The hazards of persistent marine pollution: drift plastics and conservation islands. *Journal of the Royal Society of New Zealand* **21**, 83 – 100.
- Gregory, M. R. (1996). Plastic “scrubbers” in hand cleansers: a further (and minor) source for marine pollution identified. *Marine Pollution Bulletin* **32**(), 867 – 871.
- Gregory, M. R. & Andrady, A. L. (2003). Plastics in the marine environment. In Andrady, A. L. (Ed.), *Plastics and the environment* (pp. 379 – 401). New Jersey, USA: John Wiley & Sons, Inc.
- Gross, M. G. (1967). *Oceanography*. Columbus, Ohio: C.E. Merrill Books.
- Hanni, K. D. & Pyle, P. (2000). Entanglement of Pinnipeds in synthetic materials at South-east Farallon Island, California, 1976-1998. *Marine Pollution Bulletin* **40**(12), 1076 – 1081.
- Hassan, M.N. (2002). Solid waste management in Malaysia: Can we charter future strategies? In *Proceedings of international conference environmental management: Ten years after Rio* (Article Number 8). Kuala Lumpur: Universiti Putra Malaysia.
- Hazra, T. & Goel, S. (2009). Solid waste management in Kolkata, India: Practices and challenges. *Waste Management* **29**(1), 470 – 478.
- Henderson, J. R. (2001). A pre- and post-MARPOL Annex V summary of Hawaiian monk seal entanglements and marine debris accumulation in the Northwestern Hawaiian Island, 1982-1998. *Marine Pollution Bulletin* **42**(7), 584 – 589.
- Hess, N. A., Ribic, C. A. and Vining, I. (1999). Benthic marine debris, with an emphasis on fishery-related items, surrounding Kodiak Island, Alaska, 1994-1996. *Marine Pollution Bulletin* **38**(10), 885 – 890.
- Horsman, P. V. (1982). The amount of garbage pollution from merchant ships. *Marine Pollution Bulletin* **13**(5), 167 – 169.
- Idris, A., Inanc, B. & Hassan, M. N. (2004). Overview of waste disposal and landfills/dumps in Asian countries. *Journal of Material Cycles and Waste Management* **6**(2), 104 – 110.
- Iribarne, O., Botto, F., Martinetto, P. & Gutierrez, J. L. (2000). The role of burrows of the SW Atlantic intertidal crab (*Chasmagnathus granulata*) in trapping debris. *Marine Pollution Bulletin* **40**(11), 1057 – 1062.
- Ivar do Sul, J. A., Spengler, A. & Costa, M. F. (2009). Here, there and everywhere. Small plastic fragments and pellets on beaches of Fernando de Noronha (Equatorial Western Atlantic). *Marine Pollution Bulletin* **58**, 1229 – 1244.
- Johnson, S. W. (1994). Deposition of trawl web on an Alaska beach after implementation of MARPOL Annex V Legislation. *Marine Pollution Bulletin* **28**(8), 477 – 481.

- Jones, M. M. (1995). Fishing debris in the Australian marine environment. *Marine Pollution Bulletin* **30**(1), 25 – 33.
- Kanehiro, H., Tokai, T. & Matuda, K. (1995). Marine litter composition and distribution on the seabed of Tokyo Bay. *Fisheries Engineering* **31**, 195 – 199.
- Karapanagioti, H. K. & Klontza, I. (2008). Testing phenanthrene distribution properties of virgin plastic pellets and plastic eroded pellets found on Lesbos island beaches (Greece). *Marine Environmental Research* **65**(4), 283 – 290.
- Kennish, M. J. (1992). *Ecology of estuaries: Anthropogenic effects*. Boca Raton, Florida: CRC Press.
- Kennish, M. J. (1994). *Practical handbook of marine science* (2nd edition). Boca Raton, Florida: CRC Press.
- Khordagui, H. K. & Abu-Hilal, A. H. (1994). Man-made litter on the shores of the United Arab Emirates on the Arabian Gulf and the Gulf of Oman. *Water and Air Soil Pollution* **76** (3-4), 343 – 352.
- Kosmo. (Newspaper article) Bernama (24 May 2010). USM hasilkan plastik mesra alam. Retrieved 25 May 2010, from (http://www.kosmo.com.my/kosmo/content.asp?y=2010&dt=0524&pub=Kosmo&sec=Terkini&pg=bt_16.htm).
- Kusui, T. & Noda, M. (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.
- Laist, D. W. (1987). Overview of the biological effects of lost and discarded plastic debris in the marine environment. *Marine Pollution Bulletin* **18**(6), 319 – 326.
- Laist, D. W. (1997). Impacts of marine debris: Entanglement of marine life in marine debris including a comprehensive list of species with entanglement and ingestion records. In: Coe, J. M. & Rogers, D. B. (Eds.), *Marine debris: Sources, impacts and solutions* (pp. 99 – 140). New York: Springer-Verlag.
- Latifah, A.M., Mohd Armi, A.S. & Nur Ilyana, M.Z. (2009). Municipal solid waste management in Malaysia: practices and challenges. *Waste Management* **29**(11), 2902 – 2906.
- Lettenmaier, D. P. (1978). Design considerations for ambient stream quality monitoring. *Water Resource Bulletin* **14**(4), 884 – 902.
- Liyana, I. A., Fauziah, S.H. & Agamuthu, P. (2011). Contribution of Anthropogenic Activities towards the Distribution of Small Plastic Debris on a Malaysian Beach. Poster presented in the 8th IOC/WESTPAC International Scientific Symposium 2011, Busan, Republic of Korea. Programme and Abstracts Book IOC/WESTPAC 8th International Scientific Symposium. pp. 191.
- Lucas, Z. (1992). Monitoring persistent litter in the marine environment on Sable Island, Nova Scotia. *Marine Pollution Bulletin* **24**(4), 192 – 199.

- Lytle, C. L. G. (November 2009). *When the mermaids cry: the great plastic tide*. Retrieved 20 August 2010, from (<http://coastalcare.org/2009/11/plastic-pollution/>).
- Magrinho, A., Didelet, F. & Semiao, V. (2006). Municipal solid waste disposal in Portugal. *Waste Management* **26**(12), 1477-1489.
- Mann, K. H. (2000). *Ecology of coastal waters: With implications for management*. United States of America: Blackwell Science.
- Mascarenhas, R., Santos, R. & Zeppelini, D. (2004). Plastic debris ingestion by sea turtle in Paraiba, Brazil. *Marine Pollution Bulletin* **49**(4), 354 – 355.
- Mato, Y., Isobe, T., Takada, H., Kahnehiro, H., Ohtake, C. & Kaminuma, T. (2001). Plastic resin pellets as a transport medium for toxic chemicals in the marine environment. *Environmental Science Technology*, **35**(2), 318 – 324.
- Mattlin, R. H. & Cawthorn, M. W. (1986). Marine debris-an international problem. *New Zealand Environment* **51**, 3 – 6.
- Matsumura, S. & Nasu, K. (1997). Distribution of floating debris in the North Pacific Ocean: Sighting surveys 1986 – 1991. In: Coe, J. M. & Rogers, D. B. (Eds.), *Marine debris: Sources, impacts and solutions* (pp. 15 – 24). New York: Springer-Verlag.
- Matsuoka, T., Nakashima, T. & Nagasawa, N. (2005). A review of ghost fishing: scientific approaches to evaluation and solutions. *Fisheries Science* **71**(4), 691 – 702.
- McCarthy, S. P. (2003). Biodegradable polymers. In Andrady, A. L. (Ed.), *Plastics and the environment* (pp. 359 – 377). New Jersey, USA: John Wiley & Sons, Inc.
- McDermid, K. J. & McMullen, T. L. (2004). Quantitative analysis of small-plastic debris on beaches in the Hawaiian archipelago. *Marine Pollution Bulletin* **48**(7 – 8), 790 – 794.
- Molinari, P. J. (1997). Implementation and assessment of a floatables action plan for the New York-New Jersey Harbor complex. In Coe, J. M. & Rogers, D. B. (Eds.), *Marine debris: Sources, impacts, and solutions* (pp. 345 – 350). New York: Springer.
- Moorcraft, C. (1972). *Must the seas die?*. London: Maurice Temple Smith Ltd.
- Moore, C. J. (2008). Synthetic polymers in the marine environment: A rapidly increasing, long-term threat. *Environmental Research* **108**(2), 131 – 139.
- Moore, S. L. & Allen, M. J. (2000). Distribution of anthropogenic and natural debris on the mainland shelf of the Southern California Bight. *Marine Pollution Bulletin* **40**(1), 83 – 88.

- Moore, S. L., Gregorio, D., Carreon, M., Weisberg, S. B. & Leecaster, M. K. (2001a). Composition and distribution of beach debris in Orange County, California. *Marine Pollution Bulletin* **42**(3), 241 – 245.
- Moore, C. J., Moore, S. L., Leecaster, M. K. & Weisberg, S. B. (2001b). A comparison of plastic and plankton in the North Pacific central gyre. *Marine Pollution Bulletin* **42**(12), 1297 – 1300.
- Morishige, C., Donohue, M. J., Flint, E., Swenson, C. & Woolaway, C. (2007). Factors affecting marine debris deposition at French Frigate Shoals, Northwestern Hawaiian Islands Marine National Monument, 1990 – 2006. *Marine Pollution Bulletin* **54**(8), 1162 – 1169.
- Morton, B. (2009). What a pile of old rubbish! *Marine Pollution Bulletin* **58**(8), 1097 – 1098.
- Nagelkerken, I., Wiltjer, G. A. M. T., Debrot, A. O. & Pors, L. P. J. J. (2001). Baseline study of submerged marine debris at beaches in Curaçao, West Indies. *Marine Pollution Bulletin* **42**(9), 786 – 789.
- Nemerow, N. L. (1985). *Stream, lake, estuary and ocean pollution*. New York: Van Nostrand Reinhold.
- Ng, K. L. & Obbard, J. P. (2006). Prevalence of microplastics in Singapore's coastal marine environment. *Marine Pollution Bulletin* **52**(7), 761 – 767.
- Nollkaemper, A. (1994). Laws of the sea. Land-based discharges of marine debris: from local to global regulation. *Marine Pollution Bulletin* **28**(11), 649 – 652.
- O'Brine, T. & Thompson, R. C. (2010). Degradation of plastic carrier bags in the marine environment. *Marine Pollution Bulletin* **60**(12), 2279 – 2283.
- Oceanwideimages (Online 2003-2011). Marine pollution comprising of small plastic pieces on a remote tropical island beach. Cocos (Keeling) Islands, Indian Ocean, Australia. Retrieved 16 August 2010, from (<http://www.oceanwideimages.com/categories.asp>).
- Oehlmann, J., Schulte-Oehlmann, U., Kloas, W., Jagnytsch, O., Lutz, I., Kusk, K. O., Wollenberger, L., Santos, E. M., Paull, G. C., Van Look, K. J. W. & Tyler, C. R. (2009). A critical analysis of the biological impacts of plasticizers on wildlife. *Philosophical Transactions of the Royal Society Biology* **364** (1526), 2047 – 2062. (doi:10.1098/rstb.2008.0242)
- Ofiara, D. D. & Brown, B. (1999). Assessment of economic losses to recreational activities from 1988 marine pollution events and assessment of economic losses from long-term contamination of fish within the New York Bight to New Jersey. *Marine Pollution Bulletin* **38**(11), 990 – 1004.
- Ogi, H. & Fukumoto, Y. (2000). A sorting method for small plastic debris floating on the sea surface and stranded on sandy beaches. *Bulletin of the Faculty of Fisheries, Hokkaido University* **51**(2), 71 – 93.

- Oswin, C. R. (1975). *Plastic films and packaging*. London: Applied Science Publishers Ltd. Patton, W. J. (1976). *Plastics technology: Theory, design, and manufacture*. Reston, Virginia: Reston Publishing Company, Inc.
- Park, P. K. & O'Connor, T. P. (1981). Ocean dumping research: Historical and international development. In Ketchum, B. H., Kester, D. R. & Park, P. K. (Eds.), *Ocean dumping of industrial wastes* (pp. 3 – 23). New York: Plenum Press.
- Perrine, D. (Photographer). (Online 2003-2011). Green turtle trapped in a 'ghost' (lost) fishing net. Retrieved 14 August 2010, from (<http://www.arkive.org/green-turtle/chelonia-mydas/image-G58787.html>).
- Pethick, J. (1984). *An introduction to coastal geomorphology*. London: E. Arnold.
- Portdickson.net. (Online 2000-2011). Pantai teluk kemang. Retrieved 11 November 2010, from (<http://www.portdickson.net/places/pantaitelukkemang>).
- Possatto, F. E., Barletta, M., Costa, M. F., Ivar do Sul, J. A. Dantas, D. V. (2011). Plastic debris ingestion by marine catfish: An unexpected fisheries impact. *Marine Pollution Bulletin*, In Press, Corrected Proof, (Available online 26 February 2011).
- Pruter, A. T. (1987). Sources, quantities and distribution of persistent plastics in the marine environment. *Marine Pollution Bulletin* **18**(6), 305 – 310.
- Redford, D. P., Trulli, H. & Trulli, W. (1997). Sources of plastic pellets in the aquatic environment. In Coe, J. M. & Rogers, D. B. (Eds.), *Marine Debris: Sources, impacts, and solutions* (pp. 335 – 343). New York: Springer-Verlag.
- Rees, G. & Pond, K. (1995). Marine litter monitoring programmes - A review of methods with special reference to national surveys. *Marine Pollution Bulletin* **30**(2), 103 – 108.
- Ribic, C. A. (1998). Use of indicator items to monitor marine debris on a New Jersey beach from 1991 to 1996. *Marine Pollution Bulletin* **36**(11), 887 – 891.
- Ribic, C. A., Johnson, S. W. & Cole, C. A. (1997). Distribution, type, accumulation and source of marine debris in the United States, 1989±1993. In Coe, J. M. & Rogers, D. B. (Eds.), *Marine Debris: Sources, impacts, and solutions* (pp. 35 – 47). Springer, New York.
- Ross, D. A. (1970). *Introduction to oceanography*. New York : Appleton-Century Crofts.
- Ross, D. A. (1978). *Opportunities and uses of the ocean*. New York: Springer-Verlag.
- Ross, J. B., Parker, R. & Strickland, M. (1991). A survey of shoreline litter in Halifax Harbour 1989. *Marine Pollution Bulletin* **22**(5), 245 – 248.

- 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 Biological Sciences* **364**(1526), 1999 – 2012. [doi: 10.1098/rstb.2008.0207].
- Ryan, P. G., Connell, A. D. & Gardner, B. D. (1988). Plastic ingestion and PCBs in seabirds: is there a relationship? *Marine Pollution Bulletin* **19**(4), 174 – 176.
- Saeed, M. O., Hassan, M. N. & Mujeebu, M. A. (2009). Assessment of municipal solid waste generation and recyclable materials potential in Kuala Lumpur, Malaysia. *Journal of Waste Management* **29**(7), 2209 – 2213.
- Santos, I. R., Friedrich, A. C., Ivar do Sul, J. A. (2009). Marine debris contamination along undeveloped tropical beaches from Northeast Brazil. *Environmental Monitoring and Assessment* **148**(1-4), 455 – 462.
- Sazima, I., Gadig, O. B. F., Namora, R. C. & Motta, F. S. (2002). Plastic debris collars on juveniles carcharhinid sharks (*Rhizoprionodon lalandii*) in southwest Atlantic. *Marine Pollution Bulletin* **44**(10), 1149 – 1151.
- Schrey, E. & Vauk, G. J. M. (1987). Records of entangled gannets (*Sula bassana*) at Helgoland, German Bight. *Marine Pollution Bulletin* **18**(6), 350 – 352.
- Sheavly, S. B. (June 6-10, 2005). *Marine Debris – an overview of a critical issue for our oceans*. Sixth Meeting of the UN Open-ended Informal Consultative Processes on Oceans & the Law of the Sea. Retrieved 2 June 2010, from (http://www.un.org/Depts/los/consultative_process/consultative_process.htm).
- Sheavly, S. B. (2007). *National marine debris monitoring program: final program report, data analysis and summary*. Prepared for U.S. Environmental Protection Agency by Ocean Conservancy. Retrieved 12 July 2010, from (http://www.oceanconservancy.org/site/DocServer/NMDMP_REPORT_Ocean_Conservancy_2_.pdf?docID=3181).
- Shiber, J. G. (1989). Plastic particle and tar pollution on beaches of Kuwait. *Environmental Pollution* **57**(4), 341 – 351.
- Shiomoto, A. & Kameda, T. (2005). Distribution of manufactured floating marine debris in near-shore areas around Japan. *Marine Pollution Bulletin* **50**(11), 1430 – 1432.
- Silva-Cavalcanti, J. S., Barbosa de Araújo, M. C. & Ferreira da Costa, M. (2009). Plastic litter on an urban beach – a case study in Brazil. *Waste Management and Research* **27**, 93 – 97. [doi: 10.1177/0734242X08088705].
- Silva-Iñiguez, L. & Fischer, D. W. (2003). Quantification and classification of marine litter on the municipal beach of Ensenada, Baja California, Mexico. *Marine Pollution Bulletin* **46**(1), 132 – 138.
- Siriwong, C., Hironaka, H., Onodera, S. & Tabucanon, M. S. (1991). Organochlorine pesticide residues in green mussel (*Perna viridis*) from the Gulf of Thailand. *Marine Pollution Bulletin* **22**(10), 510 – 516.

- Spear, L. B., Ainley, D. G. & Ribic, C. A. (1995). Incidence of plastic in seabirds from the Tropical Pacific, 1984-91: relation with distribution of species, sex, age, season, year and body weight. *Marine Environmental Research* **40**(2), 123 – 146.
- Spengler, A. & Costa, M. F. (2008). Methods applied in studies of benthic marine debris. *Marine Pollution Bulletin* **56**(2), 226 – 230.
- Staudinger, J. J. P. (1974). *Plastics and the environment*. London: Hutchinson.
- Stefatos, A., Charalampakis, M., Papatheodorou, G. & Ferentinos, G. (1999). Marine debris on the seafloor of the Mediterranean Sea: examples from two enclosed gulfs in Western Greece. *Marine Pollution Bulletin* **36**(5), 389 – 393.
- Storrier, K. L., McGlashan, D. J., Bonellie, S. & Velandar, K. (2007). Beach litter deposition at a selection of beaches in the firth of forth, Scotland. *Journal of Coastal Research* **23**(4), 813 – 822.
- Stowe, K. S. (1979). *Ocean science*. New York: John Wiley & Sons, Inc.
- Sverdrup, K. A. & Armbrust, E. V. (2009). *An introduction to the world's oceans*. New York: McGraw-Hill Higher Education.
- Sweeting, O. J. (1971). *Science and technology of polymer films*. New York: Wiley.
- Swift, G. (2003). Biodegradable water-soluble polymers. In Andrady, A. L. (Ed.), *Plastics and the environment* (pp. 491 – 519). New Jersey, USA: John Wiley & Sons, Inc.
- Takada, H. (2006). Call for pellets! International pellet watch global monitoring of POPs using beached plastic resin pellets. *Marine Pollution Bulletin* **52**(12), 1547 – 1548.
- Takada, H., Mato, Y., Endo, S., Yamashita, R. & Zakaria, M. P. (2010). Pellet watch: Global monitoring of persistent organic pollutants (POPs) using beached plastic resin pellets. Retrieved 11 November 2010, from (<http://www.tuat.ac.jp/~gaia/ipw/documents/takadaproceeding.pdf>).
- Tanaka, M. (1999). Recent trends in recycling activities and waste management in Japan. *Journal of Material Cycles and Waste Management* **1**(1), 10 – 16.
- Ten Brink, P., Lutchman, I., Bassi, S., Speck, S., Sheavly, S., Register, K. & Woolaway, C. (April 2009). *Guidelines on the use of market-based instruments to address the problem of marine litter*. Institute for European Environmental Policy (IEEP), Brussels, Belgium, and Sheavly Consultants, Virginia Beach, Virginia, USA. Retrieved 4 August 2010, from (http://www.unep.org/regionalseas/marinelitter/publications/docs/Economic_Instruments_and_Marine_Litter.pdf).
- Teuten, E. L., Saquing, J. M., Knappe, D. R. U., Barlaz, M. A., Jonsson, S., Björn, A., Rowland, S. J., Thompson, R. C., Galloway, T. S., Yamashita, R., Ochi, D., Watanuki, Y., Moore, C., Viet, P. H., Tana, T. S., Prudente, M.,

- Boonyatumanond, R., Zakaria, M. P., Akkhavong, K., Ogata, Y., Hirai, H., Iwasa, S., Mizukawa, K., Hagino, Y., Imamura, A., Saha, M., Takada, H. (2009). Transport and release of chemicals from plastics to the environment and to wildlife. *Philosophical Transactions of the Royal Society Biology* **364**(1526), 2027 – 2045.
- Theng, L. C. & Raihani Che Mamat (2007). Public's role in solid waste management. *Impak, Issue 4/2007*, 5 – 7.
- Thiel, M., Hinojosa, I., Vásquez, N. & Macaya, E. (2003). Floating marine debris in coastal waters of the SE-Pacific (Chile). *Marine Pollution Bulletin* **46**(2), 224 – 231.
- Thompson, R. C., Olsen, Y., Mitchell, R. P., Davis, A., Rowland, S. J., John, A. W. G., McGonigle, D. & Russell, A. E. (2004). Lost at sea: where is all the plastic? *Science* **304**(5672), 838.
- Thornton, L. & Jackson, N. L. (1998). Spatial and temporal variations in debris accumulation and composition on an estuarine shoreline, Cliffwood Beach, New Jersey, USA. *Marine Pollution Bulletin* **36**(9), 705 – 711.
- Thurman, H.V. & Trujillo, A.P. (2004). *Introductory oceanography* (10th ed). New Jersey, United States: Pearson Prentice Hall.
- Tomás, J. Guitart, R., Mateo, R. & Raga, J. A. (2002). Marine debris ingestion in loggerhead sea turtles, *Caretta caretta*, from the Western Mediterranean. *Marine Pollution Bulletin* **44**(3), 211 – 216.
- Topping, P. (2000). *Marine debris: a focus for community engagement*. Retrieved 24 July 2010, from (http://marinelitter.gpa.unep.org/documents/CZC2000_paper.pdf).
- Trujillo, A. P. & Thurman, H. V. (2005). *Essentials of oceanography* (8th ed.). Upper Saddle River, New Jersey: Pearson Prentice Hall.
- UNEP (November 2001). *Marine litter – trash that kills*. Retrieved 12 July 2010, from (<http://www.unep.org/regionalseas/marinelitter/publications/docs/trashthatkills.pdf>).
- UNEP (2003). *Marine trash and debris – awareness, reduction, elimination*. Retrieved 4 July 2010, from (<http://www.unep.org/regionalseas/marinelitter/publications/docs/MarineDebris.pdf>).
- UNEP (2005). *Marine litter, an analytical overview*. Retrieved 2 June 2010, from (http://www.unep.org/regionalseas/marinelitter/publications/docs/anl_ overview.pdf).
- UNEP (2006). *The state of the marine environment – trends and processes*. Retrieved 2 June 2010, from (http://www.gpa.unep.org/documents/soe-trends_and_english.pdf).

- UNEP (April 2009). *Marine litter: a global challenge*. Nairobi: UNEP. Retrieved 12 July 2010, from <http://www.unep.org/regionalseas/marinelitter/publications/docs/MarineLitterGlobalChallenge.pdf>.
- USEPA (10 December 1992). *Plastic pellets in the aquatic environment: Sources and recommendations*. United States Environmental Protection Agency Office of Water. Retrieved 25 September 2010, from http://www.mindfully.org/Plastic/Ocean/Plastic-Aquatic-EPA842B92010-Dec92_ES.htm.
- Uneputti, P. & Evans, S. M. (1997). The impact of plastic debris on the biota of tidal flats in Ambon Bay (eastern Indonesia). *Marine Environmental Research* **44**(3), 233 – 242.
- UNESCO (1994). *Marine debris: Solid waste management action plan for the wider Caribbean*. IOC Technical Series 41. Paris: UNESCO.
- United States Census Bureau (2009). Retrieved 24 September 2010, from http://en.wikipedia.org/wiki/World_population_estimates.
- Vauk, G. J. M. & Schrey, E. (1987). Litter pollution from ships in the German Bight. *Marine Pollution Bulletin* **18**(6), 316 – 319.
- Velander, K. and Mocogni, M. (1999). Beach Litter Sampling Strategies: is there ‘Best’ Method? *Marine Pollution Bulletin* **38**(12), 1134 – 1140.
- Wakata, Y. & Sugimori, Y. (1990). Lagrangian motions and global density distributions of floating matter in the ocean simulated using ship data. *Journal of Physics and Oceanography* **20**(1), 125 – 138.
- Walker, T. R., Reid, K. Arnould, J. P. Y. & Croxall, J. P. (1997). Marine debris surveys at Bird Island, South Georgia 1990-1995. *Marine Pollution Bulletin* **34**(1), 61 – 65.
- Weisberg, J. S. & Parish, H. I. (1974). *Introductory oceanography*. New York : McGraw-Hill Book Co.
- Weisskopf, M. (1988). Plastic reaps a grim harvest in the oceans of the world (plastic trash kills and maims marine life). *Smithsonian* **18**, 58.
- Weyl, P. K. (1970). *Oceanography: An introduction to the marine environment*. New York: John Wiley & Sons, Inc.
- Whiting, S. D. (1998). Types and sources of marine debris in Fog Bay, Northern Australia. *Marine Pollution Bulletin* **36**(11), 904 – 910.
- Wikipedia (2010). *Monofilament fishing line*. Retrieved 25 September 2010, from http://en.wikipedia.org/wiki/Monofilament_fishing_line.
- Wilber, R. J. (1987). Plastic in the North Atlantic. *Oceanus* **30**(3), 61 – 68.

- Williams, A. T. & Simmons, S. L. (1997). Estuarine litter at the river/beach interface in the Bristol Channel, United Kingdom. *Journal of Coastal Research* **13**(4), 1159 – 1165.
- Williams, A. T. & Tudor, D. T. (2001). Litter burial and exhumation: spatial and temporal distribution on a Cobble Pocket Beach. *Marine Pollution Bulletin* **42**(11), 1031–1039.
- Wilson, J. G. (1988). *The biology of estuarine management*. London: Croom Helm.
- Wolfe, D. A. (1987). Persistent plastics and debris in the Ocean: an international problem of Ocean disposal. *Marine Pollution Bulletin* **18**(6), 303 – 305.
- Wordingham, J. A. & Reboul, P. (1964). *Dictionary of plastics*. London: George Newnes Limited.
- Wu, K. (2009). *Not only fish swim in our oceans*. Retrieved 7th September 2010, from (http://www.greenkampong.com/green_reporter/not-only-fish-swim-in-our-oceans/).
- Yamashita, R. & Tanimura, A. (2007). Floating plastic in the Kuroshio Current area, western North Pacific Ocean. *Marine Pollution Bulletin* **54**(4), 485 – 488.
- Yoshida, K., Baba, N., Nakajima, M., Fujimaki, Y., Furuta, A., Nomura, S. & Takahashi, K. (1985). *Fur seal entanglement survey report: test study at a breeding facility, 1983*. Far Seas Fisheries Research Laboratory, Shimizu, 424, Japan.
- Zerlaut, G. A. & Stake, A. M. (1975). *Recycling and disposal of solid waste*. New Jersey: Noyes Data Corporation.
- Zhang, D. Q., Tan, S. K. & Gersberg, R. M. (2010). Municipal solid waste management in China: status, problems and challenges. *Journal of Environmental Management* **91**(8), 1623 – 1633.