

บทที่ 6 เอกสารอ้างอิง

ภาษาไทย

- กรมควบคุมมลพิช. 2544. คู่มือการเก็บและวิเคราะห์ตัวอย่างน้ำทะเล. โรงพิมพ์คุรุสภาลาดพร้าว. 74 หน้า.
- กรมควบคุมมลพิช. 2553. การคาดการณ์การเคลื่อนที่ของคราบน้ำมันในทะเล ผลกระทบต่อทรัพยากรธรรมชาติและแนวทางจัดการแก้ไข. กรุงเทพมหานคร: ห้างหุ้นส่วนจำกัด กษกร พับลิชชิ่ง.
- กรมประมง 2542. แผนที่แนวปะการังในน่านน้ำไทย เล่มที่ 1 อ่าวไทย. โครงการจัดการทรัพยากรปะการัง กรมประมง 284 หน้า
- กรมป่าไม้. 2546. รายงานฉบับสมบูรณ์ ข้อมูลพื้นฐานแผนแม่บทอุทยานแห่งชาติเขาแหลมหญ้า-หมู่เกาะเสม็ด จังหวัดระยอง. กรุงเทพมหานคร.
- ธงชัย พรรณสวัสดิ์, อุษา วิเศษสุน 2535. คู่มือวิเคราะห์น้ำเสีย. สมาคมวิศวกรสิ่งแวดล้อมไทย, 410 หน้า.
- ธรรมศักดิ์ ยีมิน. 2541. รายงานฉบับสมบูรณ์ การลงเกาของตัวอ่อนปะการังในอ่าวไทย, 108 หน้า.
- มนต์ริมา ใจสถาบ. 2554. การประเมินระดับความอ่อนไหวของสิ่งแวดล้อมชายฝั่งต่อมลพิษจากน้ำมันในพื้นที่เกาะเสม็ด จังหวัดระยอง ด้วยเทคโนโลยีการสำรวจระยะไกลและระบบสารสนเทศภูมิศาสตร์. วิทยาศาสตรมหาบัณฑิต (การจัดการสิ่งแวดล้อม) คณะพัฒนาสังคมและสิ่งแวดล้อม สถาบันบัณฑิตพัฒนบริหารศาสตร์.

ภาษาอังกฤษ

- Abad, E., J.M. Bellido and A. Punzon. 2010. Transfer of fishing effort between areas and fishery units in Spanish fisheries as side effects of the prestige oil spill management measures. *Ocean Coast Manage.* 53: 107-113.
- Albaiges J., B. Morales-Nin and F. Vilas. 2006. The Prestige oil spill: a scientific response. *Mar Pollut Bull.* 53: 205-207.
- Alonso-Alvarez, C., C. Perez and A. Velando. 2007. Effects of acute exposure to heavy fuel oil from the Prestige spill on a seabird. *Aquat Toxicol.* 84: 103-110.
- Ansari, Z.A. and B. Ingole. 2002. Effect of an oil spill from M V Sea Transporter on intertidal meiofauna at Goa, India. *Mar Pollut Bull.* 44: 396-402.
- Babcock, R. and P. Davies. 1991. Effects of sedimentation on settlement of *Acropora millepora*. *Coral Reefs* 9: 205-208.
- Babcock, R. C. 1991. Comparative demography of three species of scleractinian coral using age-and size-dependent classifications. *Ecol. Monogr.* 61 : 225-244.
- Babcock, R. C. 1988. Age-structure, survivorship and fecundity in populations of massive corals. *Proc. 6th int. Coral Reef Symp* 2: 625-633

- Babcock, R. C. and A. J. Heyward. 1986. Larval development of certain gamete-spawning scleractinian corals. *Coral Reefs* 5: 111-116.
- Bak, R. P. M. and M. S. Engel. 1979. Distribution, abundant and survival of juvenile hermatypic corals (Scleractinia and the importance of life history strategies in the parent coral community. *Mar. Biol.* 54: 341-352.
- Bak, R.P.M. 1987. Effects of chronic oil pollution on a Caribbean coral reef. *Mar Pollut Bull.* 18: 534-539.
- Birkeland, C., A.A. Reimer and J.R. Young. 1976. *Survey of marine communities in Panama and experiments with oil*, U.S. Environmental Protection Agency, 600/3-76-028.
- Boehm, P.D., D. S. Page, J.S. Brown, J.M. Neff and A.E. Bence. 2005. Comparison of mussels and semi-permeable membrane devices as intertidal monitors of polycyclic aromatic hydrocarbons at oil spill sites. *Mar Pollut Bull.* 50: 740-750.
- Castro, P. and M. E. Huber. 2003. *Marine Biology*. 4th edition. The McGraw-Hill Companies, Inc., New York. 468 pp.
- Cook, C.B. and A.H. Knap. 1983. Effects of crude oil and chemical dispersant on photosynthesis in the brain coral *Diploria strigosa*. *Mar Biol.* 78: 21-27.
- Day, B. 2006. *Ecological effects to benthic infauna from lingering oil 15 years after the Exxon Valdez oil spill*. Exxon Valdez oil spill restoration project final report. 31 pp.
- Diaz-Piferrer, M. 1962. The effect of an oil spill on the shore of Guanica, Puerto Rico. Ass Island Mar Labs, 4th Meet. Curacao. Netherland Antilles, pp. 12-13.
- Dodge, R.E., S.C. Wyers, H.R. Frith, A.H. Knap, S.R. Smith and T.D. Sleeter. 1984. The effects of oil and oil dispersants on the skeletal growth of the hermatypic coral *Diploria strigosa*. *Coral Reefs*. 4: 191-198.
- Dukea, N.C., K.A. Burns, R.P.J. Swannell, O. Dalhaus and R.J. Rupp. 2000. Dispersant use and a bioremediation strategy as alternate means of reducing impacts of large oil spills on mangroves: The Gladstone Field Trials. *Mar Pollut Bull.* 41: 403-412.
- Elgershuizen, J. H. B. W. and H. A. M. De Kruijf. 1976. Toxicity of crude oils and a dispersant to the stony coral *Madracis mirabilis*. *Mar Pollut Bull.* 7: 22-25.
- English, S., C. Wilkinson and V. Baker. 1997. *Survey Manual for Tropical Marine Resource*. 2nd Edition. Australian Institute of Marine Science, Townsville. 390 pp.
- Epstein, N., R.P.M. Bak and B. Rinkevich. 2000. Toxicity of third generation dispersants and dispersed egyptian crude oil on Red Sea coral larvae. *Mar Pollut Bull.* 40: 497-503.

- Etellisi, E.A. and Y. Deng. 2012. Oil spill detection: imaging system modeling and advanced image processing using optimized SDC algorithm. *SViP*: DOI 10.1007 /s11760-012-0371-8
- Garrity, S.D., S.C. Levings and K.A. Burns. 1994. The Galeta oil spill. I. Long-term effects on the physical structure of the mangrove fringe. *Estuar Coast Shelf S.* 38: 327-348.
- Garza-Gil, M.D., A. Prada-Blanco and M.X. Vazquez-Rodriguez. 2006. Estimating the short-term economic damages from the Prestige oil spill in the Galician fisheries and tourism. *Ecol Econ.* 58: 842-849.
- Gesteira, J.L.G., J.C. Dauvin and M.S. Fraga. 2003. Taxonomic level for assessing oil spill effects on soft-bottom sublittoral benthic communities. *Mar Pollut Bull.* 46: 562-572.
- Getter, C.D., G.I. Scott and J. Michel. 1981. The effects of oil spills on mangrove forests: A comparison of five oil spill sites in the Gulf of Mexico and the Caribbean Sea. *Proc of International Oil Spill Conference.* 1: 535-540.
- Gonzalez, J., F.G. Figueiras, M. Aranguren-Gassis, B.G. Crespo, E. Fernandez, X.A.G. Moran, M. Nieto-Cid. 2009. Effect of a simulated oil spill on natural assemblages of marine phytoplankton enclosed in microcosms. *Estuar Coast Shelf S.* 83: 265-276.
- Gooding, R.M. 1971. *Oil pollution on Wake Island from the tanker R. C. Stoner.* U. S. Department Commerce, Nat. Mar. Fish. Service, Spec scient Rep. 636
- Guzman, H. and I. Holst. 1993. Effects of chronic oil-sediment pollution on the reproduction of the Caribbean reef coral *Siderastrea siderea*. *Mar Pollut Bull.* 26: 276-282.
- Guzman, H.M., K.A. Burns and J.B. Jackson. 1994. Injury, regeneration and growth of Caribbean reef corals after a major oil spill in Panama. *Mar Ecol Prog Ser.* 105: 231-241.
- Haapkyla, J., F. Ramade and B. Salvat. 2007. Oil pollution on coral reefs: a review of the state of knowledge and management needs. *Vie et Milieu* 57: 95-111.
- Hellberg, M.E. 2009. Gene flow and isolation among populations of marine animals. *Annu. Rev. Ecol. Evol. Syst.* 40:291–310.
- Hing, L.S. 2011. Laboratory stimulation of oil-spill effects on marine phytoplankton. *Aquat Toxicol.* 103: 32-37.
- Intergovernmental Oceanographic Commission. 1984. Intergovernmental Oceanographic Commission, Paris. *Manual for monitoring oil and dissolved, dispersed petroleum hydrocarbons in marine waters and on beaches Manuals and Guides,* 13: 294-297.

- Joydas, T.V., M.A. Turban, A. Al-Suwailem, P.K. Krishnakumar, Z. Nazeer and N.A. Cali. 2012. Macrofaunal community structure in the northern Saudi waters of the Gulf, 14 years after the 1991 oil spill. *Mar Pollut Bull.* 64: 325-335.
- Kankara, R.S. and B.R. Subramanian. 2007. Oil spill sensitivity analysis and risk assessment for Gulf of Kachchh, India, using integrated modeling. *J Coastal Res.* 235: 1251-1258.
- Ke, L., T.W.Y. Wong, Y.S. Wong and N.F.Y. Tam. 2002. Fate of polycyclic aromatic hydrocarbon (PAH) contamination in a mangrove swamp in Hong Kong following an oil spill. *Mar Pollut Bull.* 45: 339-347.
- Kingston, P.f. 2002. Long-term environmental impact of oil spills. *Spill Sci Technol B.* 7: 53-61.
- Lee, L. and H. Li. 2013. Effects of an oil spill on benthic community production and respiration on subtropical intertidal sandflats. *Mar Pollut Bull.* 73: 291-299.
- Lee, R.F. and J.W. Anderson. 2005. Significance of cytochrome P450 system responses and levels of bile fluorescent aromatic compounds in marine wildlife following oil spills. *Mar Pollut Bull.* 50: 705-723.
- Loureiro, M.L., A. Ribas, E. Lopez and E. Ojea. 2006. Estimated costs and admissible claims linked to the Prestige oil spill. *Ecol Econ.* 59: 48-63.
- Loureiro, M.L., J.B. Loomis and M.X. Vazquez-Rodriguez. 2009. Economic valuation of environmental damages due to the Prestige oil spill in Spain. *Environ Resource Econ.* 44: 537-553.
- Loya, Y. and B. Rinkevich. 1980. Effects of oil pollution on coral reef communities. *Mar Ecol Prog Ser.* 3: 167-180.
- Loya, Y., 1972. Community structure and species diversity of a hermatypic coral at Eilat, Red Sea. *Mar. Biol.*, 13: 100-123.
- Ludwig, J. A. and J. F. Reynolds. 1988. *Statistical ecology-A primer on computing and methods.* John Wiley and Sons: New York. 337p.
- Mariano, A.J., V.H. Kourafalou, A. Srinivasan, H. Kang, G.R. Halliwell, E.H. Ryan and M. Roffer. 2011. On the modeling of the 2010 Gulf of Mexico Oil Spill. *Dynam Atmos Oceans.* 52: 322-340.
- Michel J. K., M. J. Attrill, S. Jennings and D. N .Thomas. 2006. *Marine Ecology: Processes, Systems, and Impacts.* Oxford University Press, USA, 580 pp.
- Milinkovitch, T., R. Kanan, H. Thomas-Guyon and S.L. Floch. 2011. Effects of dispersed oil exposure on the bioaccumulation of polycyclic aromatic hydrocarbons and the mortality of juvenile *Liza Ramada*. *Sci Total Environ.* 409: 1643-1650.
- Nefft, J.M. and W.A. Burns. 1996. Estimation of polycyclic aromatic hydrocarbon concentrations in the water column based on tissue residues in mussels and salmon: An equilibrium partitioning approach. *Environ Toxicol Chem.* 15: 2240-2253.

- Negri, A.P. and A.J. Heyward. 2000. Inhibition of fertilization and larval metamorphosis of the coral *Acropora millepora* (Ehrenberg, 1834) by petroleum products. *Mar Pollut Bull.* 41: 420-427.
- Negro, M.C.G., S. Villasante, A.C. Penela and G. Rodriguez. 2009. Estimating the economic impact of the Prestige oil spill on the Death Coast (NW Spain) fisheries. *Mar Policy.* 33: 8-23.
- Nikitik, C.C.S. and A.W. Robinson. 2003. Patterns in benthic populations in the Milford Haven waterway following the 'Sea Empress' oil spill with special reference to amphipods. *Mar Pollut Bull.* 46: 1125-1141.
- NOAA. 2013. Introduction to coastal habitats and biological resources for spill response. Retrieved on August 5, 2013, from <http://response.restoration.noaa.gov/sites/default/files/Monterey.pdf>
- Norse, E.A. and J. Amos. 2010. Impacts, perception and policy implications of the Deepwater Horizon oil and gas disaster. *Environmental Law Reporter.* 40: 11058-11073.
- Oxford Economics. 2010. *Potential Impact of the Gulf Oil Spill on Tourism.* U.S. Travel Association. 24 pp.
- Peters, E.C., P.A. Meyers, P.P. Yevich and N.J. Blake. 1981. Bioaccumulation and histopathological effects of oil on a stony coral. *Mar Pollut Bull.* 12: 333-339.
- Pezeshki, S.R., M.W. Hester, Q. Lin and J.A. Nyman. 2000. The effects of oil spill and clean-up on dominant US Gulf coast marsh macrophytes: a review. *Environ Pollut.* 108: 129-139.
- Raymundo, L. J., C. S. Couch and C. D. Harvell. 2008. *Coral Disease Handbook: Guidelines for Assessment Monitoring and Management.* Coral Reef Targeted Research and Capacity Building for Management Program. Australia. 121 pp.
- Rinkevich, B. and Y. Loya. 1979. The reproduction of the Red Sea coral *Stylophora pistillata*. I. Gonads and planulae. *Mar Ecol Prog Ser.* 1: 133-144.
- Rosenberg, E., and Y. Loya. 2004. *Coral Health and Disease.* Springer-Verlag Berlin Heidelberg Newyork. 488 pp.
- Ruitenbeek, J., M. Ridgley, S. Dollar, and R. Huber. 1999. Optimization of economic policies and investment projects using a fuzzy logic based cost-effectiveness model of coral reef quality: empirical results for Montego Bay, Jamaica. *Coral Reefs* 18: 381-392.
- Serrano, A., F. Sanchez, I. Preciado, S. Parra and I. Frutos. 2006. Spatial and temporal changes in benthic communities of the Galician continental shelf after the Prestige oil spill. *Mar Pollut Bull.* 53: 315-331.
- Shafir, S., J.V. Rijn and B. Rinkevich. 2007. Short and long term toxicity of crude oil and oil dispersants to two representative coral species. *Environ Sci Technol.* 41: 5571-5574.

- Shailaja, M.S. 1988. The influence of dissolved petroleum hydrocarbon residues on natural phytoplankton biomass. *Mar Environ Res.* 25: 315-324.
- Shinn, E.A. 1972. *Coral reef recovery in Florida and in the Persian Gulf*. Envir Conser Dept Shell Oil Comp., Houston, Texas.
- Short, J.W., T.J. Jackson, M.L. Larsen, and T.L. Wade. 1996. Analytical methods used for the analysis of hydrocarbons in crude oil, tissues, sediments, and seawater collected for the Natural Resources Damage Assessment of the Exxon Valdez Oil Spill. *Am Fish Soc Symp.* 18: 140-148.
- Singkran, N. 2013. Classifying risk zones by the impacts of oil spills in the coastal waters of Thailand. *Mar Pollut Bull.* 70: 34-43.
- Skinner, S.K. and W.K. Reilly. 1989. *The Exxon Valdez oil spill: A report to the president*. The National Response Team. 37 pp.
- Soares-Gomes, A., R.L. Neves, R. Aucelio, P.H. Van Der Ven, F.B. Pitombo, C.L.T. Mendes and R.L. Zioll. 2010. Changes and variations of polycyclic aromatic hydrocarbon concentrations in fish, barnacles and crabs following an oil spill in a mangrove of Guanabara Bay, Southeast Brazil. *Mar Pollut Bull.* 60: 1359-1363.
- Sokal, R. R. and F. J. Rohlf. 1995. *Biometry: The principles and practice of statistics in biological research*. 3rd edition. W.H. Freeman, New York.
- Spooner, M. 1970. Oil spill in Tarut Bay, Saudi Arabia. *Mar Pollut Bull.* 1: 166-167.
- Spurgeon, J. P. G. 1992. The economic valuation of coral reefs. *Mar. Poll. Bull.* 24: 529-536.
- Spurgeon, J. P. G. 1999. The Socioeconomic costs and benefits of coastal habitat rehabilitation and creation. *Mar. Poll. Bull.* 37: 373-382.
- Stekoll, M. and L. Deysher. 2000. Response of the dominant alga *Fucus gardneri* (silva) (Phaeophyceae) to the Exxon Valdez oil spill and clean-up. *Mar Pollut Bull.* 40: 1028-1041.
- Stevens, T., A. Boden, J.M. Arthur, T.A. Schlacher, D. Rissik and S. Atkinson. 2012. Initial effects of a moderate-sized oil spill on benthic assemblage structure of a subtropical rocky shore. *Estuar Coast Shelf S.* 109: 107-115.
- Straughan, D. 1970. Redressing the balance on the reef. *Mar Pollut Bull.* 1: 86-87.
- Sutthacheep, M., Klinthong, W., Pengsakun, S., Donsomjit, W., Sangmanee, K., Yucharoen, M., Saenghaisuk, C. and T. Yeemin, 2011b. Coral recruitment in the inner Gulf of Thailand: a comparison between 2009 and 2010. Paper presented at the 8th International Scientific Symposium Ocean Climate and Marine Ecosystems in the Western Pacific, 28-31 March, 2011: Busan, Korea
- Sutthacheep, M., Klinthong, W., Pengsakun, S., Sangmanee, K., Suanta, P., Niemsiri, R. and T. Yeemin. 2011a. Reduction in coral recruitment on settlement plate experiments following a coral bleaching event in the Andaman Sea. Paper

presented at the 8th International Scientific Symposium Ocean Climate and Marine Ecosystems in the Western Pacific, 28-31 March, 2011; Busan, Korea.

- Sutthacheep, M., Pengsakun, S., Yucharoen, M., Klinthong, W., Sangmanee, K., Yeemin, T. 2013. Impacts of the mass coral bleaching events in 1998 and 2010 on the western Gulf of Thailand. *Deep-Sea Research II* 96: 25-31.
- Tim-Tim, A.L.S., F. Morgado, S. Moreira, R. Rangel, A.J.A. Nogueira, A.M.V.M. Soares and L. Guilhermino. 2009. Cholinesterase and glutathione S-transferase activities of three mollusc species from the NW Portuguese coast in relation to the ‘Prestige’ oil spill. *Chemosphere*. 77: 1465-1475.
- van Bernem, C., J.B. Wesnigk, M. Wunderlich, S. Adam and U. Callies. 2008. *Oil pollution in marine ecosystems-policy, fate, effects and response*. In H. von Storch and G. Floser (eds.), Environmental crises. GKSS School of Environmental Research, Germany: Springer Berlin Heidelberg New York. (pp. 101-122).
- Varela, M. 2006. The effect of the “Prestige” oil spill on the plankton of the N–NW Spanish coast. *Mar Pollut Bull.* 53: 272-286.
- Veiga, P., M. Rubal and C. Besteiro. Shallow sublittoral meiofauna communities and sediment polycyclic aromatic hydrocarbons (PAHs) content on the Galician coast (NW Spain), six months after the Prestige oil spill. *Mar Pollut Bull.* 58: 581-588.
- Wrabel M. L. 2000. Effects of Bioremediation on toxicity and chemical composition of no. 2 fuel Oil: Growth responses of the brown alga *Fucus vesiculosus*. *Mar Pollut Bull.* 40: 135-139.
- Wrabel, M.L. 2000. Effects of Bioremediation on toxicity and chemical composition of no. 2 fuel Oil: Growth responses of the brown alga *Fucus vesiculosus*. *Mar Pollut Bull.* 40: 135-139.
- Yeemin, T. 1991. *Ecological studies of scleractinian corals communities above the northern limit of coral reef development in Western Pacific*. D.Sc. dissertation, Kyushu University, Japan.
- Yeemin, T., C. Saenghaisuk, M. Sutthacheep, S. Pengsakun, W. Klinthong, K. Saengmanee. 2009. Conditions of coral communities in the Gulf of Thailand: a decade after the 1998 severe bleaching event. *Galaxea* 11: 207-217.
- Yeemin, T., Pengsakun, S., Yucharoen, M., Klinthong, W., Sangmanee, K., Sutthacheep, M. 2013. Long-term decline in *Acropora* species at Kut Island, Thailand, in relation to coral bleaching events. *Marine Biodiversity* 43:23–29.
- Zar, J. H. 2009. *Biostatistical analysis*. 5th edition. Prentice Hall. 960 pp.
- Zuberogoitia, I., J.A. Martinez, A. Iraeta, A. Azkona, J. Zabala, B. Jimenez, R. Merino and G. Gomez. 2006. Short-term effects of the prestige oil spill on the peregrine falcon (*Falco peregrinus*). *Mar Pollut Bull.* 52: 1176-1181.