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Marine Pollution Research Titles

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Marine Pollution Research Titles

This current awareness publication includes references to the approximately 2,500 papers on marine and estuarine pollution indexed each year. It is divided into the following sections:

Section 1 : General

General discussions on marine and estuarine pollution ; remote sensing, pollution indicators, and monitoring systems; mathematical models, experimental methods and equipment and general chemical analysis. Aspects relating to a particular group of pollutants are included under that section, and if necessary the item is repeated in several sections.

Section 2 : Petroleum Hydrocarbons

Includes the detection, analysis and levels in the marine and estuarine environment; effects; oil characteristics; oil removal, including the use of dispersants, biodegradation etc.

Section 3 : Metals

Includes the detection, analysis, modelling, levels, effects and removal, etc.

Section 4 : Radioactivity

Includes the detection, analysis, modelling, levels, effects and removal, etc.

Section 5 : Other Chemicals

Includes the detection, analysis, modelling, levels, effects and removal, etc. Pollutants include pesticides, PCBs, halogenated hydrocarbons, phthalates etc.

Section 6 : Biological Wastes

Includes the detection, analysis, modelling, levels, effects and removal, etc. Pollutants include sewage, pulp and paper, and food processing

Section 7 : Heat

Includes the detection, analysis, modelling, and effects etc.

Section 8 : Solids

Includes the detection, analysis, modelling, and effects etc. Pollutants include dredging wastes, plastics, china clay, mining effluents etc.

Section 9 : Physical Disturbance

Includes the detection, analysis, modelling, effects and recovery, etc

Section 10: Non-indigenous Species

Includes records, environmental impact etc.

Marine Pollution Information Centre

Scope

The Centre collects documents and provides information services in the field of marine and estuarine pollution, including the detection, analysis and removal of pollutants; levels of pollutants in seawater, sediments and organisms; and the biological effects of pollutants. Legal, economic and social aspects are generally excluded. The Centre now contains approximately 78,000 documents.

Services

The Centre provides a number of services to its users:

Abstracting and Indexing

Monitoring of the marine pollution literature and preparation of records for input to the *Aquatic Sciences and Fisheries Abstracts* bibliographic database.

Contracts

Literature searches and bibliographies are carried out on behalf of customers. Previous customers have included United Nations agencies such as FAO, IMO, IOC and WHO; commercial organizations, consultants and water authorities.

Enquiries

Enquiries are welcomed from scientists, technologists and administrators working on marine pollution problems. For simple enquiries there are no charges.

Reference Collection

The majority of the documents at the Centre are always available for reference, and visitors are very welcome to use the services of the staff, and to browse through the collection.

Further Information

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Section 1: General

- (0926) ALCIVAR-WARREN, A., (EDITOR). Contributions to the International Marine Shrimp Environmental Genomics Initiative (IMSEGI): monitoring ecosystem, animals and public health, 2000-2006. *Journal of Shellfish Research*, 26(4), 1183-1277, 2007.
- (0927) ALLEN, T.R.; TOLVANEN, H.T.; OERTEL, G.F.; MCLEOD, G.M. Spatial characterization of environmental gradients in a coastal lagoon, Chincoteague Bay. *Estuaries and Coasts*, 30(6), 959-977, 2007.
- (0928) ARIZA, E.; JIMENEZ, J.A.; SARDA, R. A critical assessment of beach management on the Catalan coast. *Ocean and Coastal Management*, 51(2), 141-160, 2008.
- (0929) ASCHAN, M.M.; TRANNUM, H.C. Community structure and species biodiversity in benthic fauna in the deeper Barents Sea. ICES Council Meeting Papers, C.M. 2006/D:10, 30p., 2006. [Indicator species; monitoring]
Available at: <http://www.ices.dk/products/Cmdocs/2006/cm2006.pdf>.
- (0930) BABATUNDE, A.O.; ZHAO, Y.Q.; O'NEILL, M.; O'SULLIVAN, B. Constructed wetlands for environmental pollution control: a review of developments, research and practice in Ireland. *Environment International*, 34(1), 116-126, 2008.
- (0931) BIBER, P.D.; GALLEGOS, C.L.; KENWORTHY, W.J. Calibration of a bio-optical model in the North River, North Carolina (Albemarle-Pamlico Sound): a tool to evaluate water quality impacts on seagrasses. *Estuaries and Coasts*, 31(1), 177-191, 2008. [Turbidity; CDOM]
- (0932) BOS, A.R.; DANKERS, N.; GROENEWEG, A.H.; HERMUS, D.C.R.; JAGER, Z.; DE JONG, D.J.; SMIT, T.; DE VLAS, J.; VAN WIERINGEN, M.; VAN KATWIJK, M.M. Eelgrass (*Zostera marina* L.) in the western Wadden Sea: monitoring, habitat suitability model, transplantations and communication. *VLIZ Special Publication*, 19, 95-109, 2005. [Restoration]
- (0933) BRENNER, J.; JIMENEZ, J.A. Spatial database model of ichthyofauna bioindicators of coastal environmental quality. *VLIZ Special Publications*. Vlaams Instituut voor de Zee, 37, 25-35, 2007.
- (0934) BROWN-PETERSON, N.J.; MANNING, C.S.; PATEL, V.; DENSLOW, N.D.; BROUWER, M. Effects of cyclic hypoxia on gene expression and reproduction in a grass shrimp, *Palaemonetes pugio*. *Biological Bulletin*, 214(1), 6-16, 2008.
- (0935) BUZZELLI, C. Development and application of tidal creek ecosystem models. *Ecological Modelling*, 210(1/2), 127-143, 2008. [Urbanisation]
- (0936) CANDOLIN, U.; ENGSTROM-OST, J.; SALESTO, T. Human-induced eutrophication enhances reproductive success through effects on parenting ability in sticklebacks. *Oikos*, 117(3), 459-465, 2008. [Turbidity]
- (0937) CLIQUET, A. International legal possibilities and obligations for nature conservation in ports. *VLIZ Special Publication*, 19, 393-404, 2005.
- (0938) DAVENPORT, J.; SWITALSKI, T.A. Environmental impacts of transport, related to tourism and leisure activities. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.333-360. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10)
- (0939) DENNISON, W.C. Environmental problem solving in coastal ecosystems: a paradigm shift to sustainability. *Estuarine, Coastal and Shelf Science*, 77(2), 185-196, 2008.
- (0940) EDWARDS, K.A.; KAWASE, M.; SARASON, C.P. Circulation in Carr Inlet, Puget Sound, during Spring 2003. *Estuaries and Coasts*, 30(6), 945-958, 2007. [Eutrophication]

- (0941) ELEVELD, M.; WAGTENDONK, A.; PASTERKAMP, R.; DE REUS, N.; VAN DER WOERD, H. WATERS: a web map service with near-real time MODIS standard chlorophyll products of the North Sea. ICES Council Meeting Papers, C.M. 2006/M:31, 17p., 2006. Available at: <http://www.ices.dk/products/Commandocs/2006/cm2006.pdf>.
- (0942) HERRIER, J.-L.; MEES, J.; SALMAN, A.; SEYS, J.; VAN NIEUWENHUYSE, H.; DE LICHTERVELDE, K., (EDITORS). Dunes and estuaries 2005 - International Conference on Nature Restoration Practices in European Coastal Habitats, Koksijde, Belgium, 19-23 September 2005: book of abstracts. VLIZ Special Publications. Vlaams Instituut voor de Zee, 25, x, 126p., 2005.
- (0943) HERRIER, J.-L.; MEES, J.; SALMAN, A.; SEYS, J.; VAN NIEUWENHUYSE, H.; DOBBELAERE, I., (EDITORS). Recommendations resulting from the workshop discussions 'Dunes and Estuaries 2005' - International Conference on Nature Restoration Practices in European Coastal Habitats, Koksijde, Belgium, 19-23 September, 2005. VLIZ Special Publications. Vlaams Instituut voor de Zee, 38, iii, 63p., 2007.
- (0944) HERRIER, J.-L.; VAN NIEUWENHUYSE, H. The Flemish coast: life is beautiful. VLIZ Special Publication, 19, 13-26, 2005. [Restoration]
- (0945) HERRIER, J.-L.; VAN NIEUWENHUYSE, H.; DEBOEUF, C.; DERUYTER, S.; LETEN, M. Sledgehammers, cranes and bulldozers: restoring dunes and marshes by removing buildings and soil. VLIZ Special Publication, 19, 79-94, 2005. [Restoration; Flemish coast]
- (0946) HOFFMANN, M., (ET AL). Integrated monitoring of nature restoration along ecotones, the example of the Yser Estuary. VLIZ Special Publication, 19, 191-208, 2005.
- (0947) HOUSTON, J. The conservation of sand dunes in the Atlantic Biogeographical Region: the contribution of the LIFE programme. VLIZ Special Publication, 19, 29-44, 2005.
- (0948) KAREV, G.P.; NOVOZHILOV, A.S.; BEREZOVSKAYA, F.S. Modeling the dynamics of inhomogeneous natural rotifer populations under toxicant exposure. Ecological Modelling, 212(1/2), 80-85, 2008.
- (0949) KRIVTSOV, V.; HOWARTH, M.J.; JONES, S.E.; SOUZA, A.J.; JAGO, C.F. Monitoring and modelling of the Irish Sea and Liverpool Bay: an overview and an SPM case study. Ecological Modelling, 212(1/2), 37-52, 2008.
- (0950) LANG, C.-K.; CHOY, E.J.; SON, Y.; LEE, J.-Y.; KIM, J.K.; KIM, Y.; LEE, K.-S. Food web structure of a restored macroalgal bed in the eastern Korean peninsula determined by C and N stable isotope analyses. Marine Biology, 153(6), 1181-1198, 2008. [Restoration]
- (0951) LANGSTON, W.J.; CHESMAN, B.S.; BURT, G.R. Review of biomarkers, bioassays and their potential use in monitoring the Fal and Helford SAC. vi, 62p. Plymouth: Marine Biological Association, 2007. (Project carried out on behalf of Natural England) [Eutrophication; nutrient enrichment; metals; TBT; PAHs] Available at: <http://sabella.mba.ac.uk/2310/>.
- (0952) LESCRAUWAET, A.-K.; MEES, J.; GILBERT, C. State of the coast of the Southern North Sea: an indicators-based approach to evaluating sustainable development in the coastal zone of the Southern North Sea. VLIZ Special Publications. Vlaams Instituut voor de Zee, 36, 140p., 2006.
- (0953) LINDENBAUM, C.; BENNELL, J.D.; REES, E.I.S.; MCCLEAN, D.; COOK, W.; WHEELER, A.J.; SANDERSON, W.G. Small-scale variation within a *Modiolus modiolus* (Mollusca: Bivalvia) reef in the Irish Sea: I. Seabed mapping and reef morphology. Journal of the Marine Biological Association of the United Kingdom, 88(1), 133-141, 2008. [Pen Llyn; Porth Dinllaen; monitoring]
- (0954) LIU, T.-K.; HWUNG, H.-H.; YU, J.-L.; KAO, R.-C. Managing deep ocean water development in Taiwan: experiences and future challenges. Ocean and Coastal Management, 51(2), 126-140, 2008.

- (0955) LOPES, J.F.; SILVA, C.I.; CARDOSO, A.C. Validation of a water quality model for the Ria de Aveiro lagoon, Portugal. *Environmental Modelling and Software*, 23(4), 479-494, 2008. [Hypoxia]
- (0956) MAHER, A.; DOUGLAS, W.S.; YANG, D.; JAFARI, F.; SCHAEFER, V.R. Cement deep soil mixing (CDSM) for solidification of soft estuarine sediments. *Marine Georesources and Geotechnology*, 25(3/4), 221-235, 2007. [Contaminated sediment; dredging]
- (0957) MARKINA, Z.V. The use of the microalga *Plagioselmis prolonga* for the evaluation of water quality in Amursky and Nakhodka Bays (Sea of Japan). [In Russian with English summary]. *Biologiya Morya*, 34(1), 35-41, 2008.
- (0958) MEE, L.D.; JEFFERSON, R.L.; LAFFOLEY, D.D'A.; ELLIOTT, M. How good is good? Human values and Europe's proposed Marine Strategy Directive. *Marine Pollution Bulletin*, 56(2), 187-204, 2008. [Review]
- (0959) METCALFE, K.N.; GLASBY, C.J. Diversity of Polychaeta (Annelida) and other worm taxa in mangrove habitats of Darwin Harbour, northern Australia. *Journal of Sea Research*, 59(1/2), 70-82, 2008. [Urbanisation; anthropogenic disturbance]
- (0960) MOORE, M.N.; VIARENGO, A.; DONKIN, P.; HAWKINS, A.J.S. Corrigendum to "Autophagic and lysosomal reactions to stress in the hepatopancreas of blue mussels". [Aquatic Toxicology 84(1), 80-91, 2007]. *Aquatic Toxicology*, 86(3), p.457, 2008. [3-methylcholanthrene; fluoranthene; phenanthrene]
- (0961) MUDGE, S.M.; ICELY, J.D.; NEWTON, A. Residence times in a hypersaline lagoon: using salinity as a tracer. *Estuarine, Coastal and Shelf Science*, 77(2), 278-284, 2008. [Flushing times; water quality]
- (0962) MUGNIER, C.; ZIPPER, E.; GOARANT, C.; LEMONNIER, H. Combined effect of exposure to ammonia and hypoxia on the blue shrimp *Litopenaeus stylirostris* survival and physiological response in relation to molt stage. *Aquaculture*, 274(2-4), 398-407, 2008.
- (0963) NEWTON, A.; ICELY, J., (EDITORS). Land Ocean Interactions in the Coastal Zone, LOICZ: lessons from Banda Aceh, Atlantis, and Canute. *Estuarine, Coastal and Shelf Science*, 77(2), 181-307, 2008.
- (0964) NIKIFOROV, S.M.; ZVYAGINTSEV, A.Y. Allozyme diversity among local populations of the Pacific mussel *Mytilus trossulus* (Bivalvia: Mytilidae) from polluted areas of Peter the Great Bay (Sea of Japan). [In Russian with English summary]. *Biologiya Morya*, 34(1), 47-52, 2008.
- (0965) O'BRIAIN, M. EU biodiversity policy context for the conservation of estuaries and dunes. *VLIZ Special Publication*, 19, 7-12, 2005.
- (0966) OLDEN, J.D.; HOGAN, Z.S.; VANDER ZANDEN, M.J. Small fish, big fish, red fish, blue fish: size-biased extinction risk of the world's freshwater and marine fishes. *Global Ecology and Biogeography*, 16(6), 694-701, 2007.
- (0967) OSTRANDER, C.E.; MCMANUS, M.A.; DECARLO, E.H.; MACKENZIE, F.T. Temporal and spatial variability of freshwater plumes in a semienclosed estuarine-bay system. *Estuaries and Coasts*, 31(1), 192-203, 2008.
- (0968) PAGE, J. Salmon farming in First Nation's territories: a case of environmental injustice on Canada's West Coast. *Local Environment*, 12(6), 613-626, 2007.
- (0969) PETERSEN, W.; WEHDE, H.; KRASEMANN, H.; COLIJN, F.; SCHROEDER, F. FerryBox and MERIS - assessment of coastal and shelf sea ecosystems by combining in situ and remotely sensed data. *Estuarine, Coastal and Shelf Science*, 77(2), 296-307, 2008. [Harwich to Cuxhaven; North Sea; German Bight]

- (0970) PLANCKE, Y.M.G.; PETERS, J.J.; IDES, S.J. Morphological management in estuaries conciliating nature preservation and port accessibility. VLIZ Special Publications. Vlaams Instituut voor de Zee, 29, 35-54, 2006. [Scheldt]
- (0971) RAO, D.V.S.; RAO, K.S.; IYER, C.S.P.; CHITTIBABU, P. Possible ecological consequences from the Sethu Samudram Canal Project, India. Marine Pollution Bulletin, 56(2), 170-186, 2008.
- (0972) REISE, K.; HERRE, E.; STURM, M. Mudflat biota since the 1930s: change beyond return? Helgoland Marine Research, 62(1), 13-22, 2008. [Sylt; eutrophication; alien species]
- (0973) REISE, K.; KOHLUS, J. Seagrass recovery in the Northern Wadden Sea? Helgoland Marine Research, 62(1), 77-84, 2008.
- (0974) REMEN, M.; IMSLAND, A.K.; STEFANSSON, S.O.; JONASSEN, T.M.; FOSS, A. Interactive effects of ammonia and oxygen on growth and physiological status of juvenile Atlantic cod (*Gadus morhua*). Aquaculture, 274(2-4), 292-299, 2008. [Hypoxia]
- (0975) RESTREPO, J.D. Applicability of LOICZ catchment-coast continuum in a major Caribbean basin: the Magdalena River, Columbia. Estuarine, Coastal and Shelf Science, 77(2), 214-229, 2008. [Deforestation; dam construction; sediment load; land-use change; environmental degradation]
- (0976) RICE, J. The Global Marine Biodiversity Agenda, Fisheries Science, and ICES Advice. ICES Council Meeting Papers, C.M. 2006/R:2, 28p., 2006.
Available at: <http://www.ices.dk/products/Comdocs/2006/cm2006.pdf>.
- (0977) RIEDEL, B.; STACHOWITSCH, M.; ZUSCHIN, M. Sea anemone and brittle stars: unexpected predatory interactions during induced in situ oxygen crises. Marine Biology, 153(6), 1075-1085, 2008.
- (0978) SEQUEIRA, A.; FERREIRA, J.G.; HAWKINS, A.J.S.; NOBRE, A.; LOURENCO, P.; ZHANG, X.L.; YAN, X.; NICKELL, T. Trade-offs between shellfish aquaculture and benthic biodiversity: a modelling approach for sustainable management. Aquaculture, 274(2-4), 313-328, 2008. [Carlingford Lough; Loch Creran; Sanggou Bay; Xiangshan Gang]
- (0979) STACHOWICZ, J.J.; BRUNO, J.F.; DUFFY, J.E. Understanding the effects of marine biodiversity on communities and ecosystems. Annual Review of Ecology, Evolution, and Systematics, 38, 739-766, 2007. [Including resistance to invasion]
- (0980) STIENEN, E.W.M.; COURTENS, W.; VAN DE WALLE, M.; VAN WAEYENBERGE, J.; KUIJKEN, E. Harboured nature: port development and dynamic birds provide clues for conservation. VLIZ Special Publication, 19, 381-392, 2005. [Restoration]
- (0981) THOMAS, P.; RAHMAN, S.; KHAN, I.; KUMMER, J.A. Widespread endocrine disruption and reproductive impairment in an estuarine fish population exposed to seasonal hypoxia. Proceedings of the Royal Society of London, Series B, 274(1626), 2693-2701, 2007.
- (0982) VAN BEUSEKOM, J.E.E.; REISE, K. Long-term ecological change in the northern Wadden Sea. [Editorial]. Helgoland Marine Research, 62(1), 1-2, 2008.
- (0983) VAN BEUSEKOM, J.E.E.; REISE, K., (EDITORS). Long-term ecological change in the Northern Wadden Sea. Helgoland Marine Research, 62(1), 1-91, 2008.
- (0984) VOLCKAERT, A., (ET AL), (EDITORS). Marine Incidents Management Cluster (MIMAC). Research in the framework of the BELSPO Supporting Actions - SPSDII. MIMAC 2006 - International Conference on Marine Incidents Management, 19-20 October 2006. VLIZ Special Publications. Vlaams Instituut voor de Zee, 34, v, 83p., 2006.

- (0985) VOLCKAERT, A.; Versonnen, B.; ARIJS, K.; CALEWAERT, J.-B. Integration RAMA and DIMAS. VLIZ Special Publications. Vlaams Instituut voor de Zee, 34, 16-20, 2006. [Risk Analysis of Marine Activities (RAMA); Development of an Integrated Database for the Management of Accidental Spills (DIMAS)]
- (0986) WESTON, K.; FERNAND, L.; NICHOLLS, J.; MARCA-BELL, A.; MILLS, D.; SIVYER, D.; TRIMMER, M. Sedimentary and water column processes in the Oyster Grounds: a potentially hypoxic region of the North Sea. *Marine Environmental Research*, 65(3), 235-249, 2008.
- (0987) WOILLEZ, M.; PETITGAS, P.; RIVOIRARD, J.; FERNANDES, P.; TER HOFTSTEDE, R.; KORSBREKKE, K.; ORLOWSKI, A.; SPEDICATO, M.-T.; POLITOU, C.-Y. Relationships between population spatial occupation and population dynamics. ICES Council Meeting Papers, C.M. 2006/O:5, 19p., 2006. [North Sea; Barents Sea; Baltic Sea; Bay of Biscay; Tyrrhenian Sea; Ionian Sea; Aegean Sea]
Available at: <http://www.ices.dk/products/Cmdocs/2006/cm2006.pdf>.
- (0988) XIAO, Y.; FERREIRA, J.G.; BRICKER, S.B.; NUNES, J.P.; ZHU, M.; ZHANG, X. Trophic assessment in Chinese coastal systems - review of methods and application to the Changjiang (Yangtze) Estuary and Jiaozhou Bay. *Estuaries and Coasts*, 30(6), 901-918, 2007. [Eutrophication; nutrient loads]
- (0989) ZAIKOWSKI, L.; MCDONNELL, K.T.; ROCKWELL, R.F.; RISPOLI, F. Temporal and spatial variations in water quality on New York South Shore Estuary tributaries: Carmans, Patchogue, and Swan Rivers. *Estuaries and Coasts*, 31(1), 85-100, 2008. [Dissolved oxygen; hypoxia; anthropogenic physical modifications]

Section 2: Petroleum Hydrocarbons

- (0990) BELPAIRE, C.; GOEMANS, G. Eels: contaminant cocktails pinpointing environmental contamination. ICES Council Meeting Papers, C.M. 2006/J:12, 16p., 2006. [1,2-dichlorobenzene; toluene;; ethylbenzene; xylene; PBDEs; HBCD; lindane; Cd]
Available at: <http://www.ices.dk/products/Comdocs/2006/cm2006.pdf>.
- (0991) CAILLEAUD, K.; FORGET-LERAY, J.; SOUISSI, S.; HILDE, D.; LEMENACH, K.; BUDZINSKI, H. Seasonal variations of hydrophobic organic contaminant concentrations in the water-column of the Seine Estuary and their transfer to a planktonic species *Eurytemora affinis* (Calanoida, Copepoda). Part 1: PCBs and PAHs. *Chemosphere*, 70(2), 270-280, 2007.
- (0992) CHO, D.-O. The effects of the M/V Sea Prince accident on maritime safety management in Korea. *Marine Policy*, 31(6), 730-735, 2007. [Oil spill]
- (0993) COLCOMB, K.; RYMELL, M.; LEWIS, A. Very heavy fuel oils: risk analysis of their transport in UK waters. VLIZ Special Publications. Vlaams Instituut voor de Zee, 34, 40-51, 2006.
- (0994) DAVENPORT, J.; SWITALSKI, T.A. Environmental impacts of transport, related to tourism and leisure activities. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.333-360. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10)
- (0995) FERNANDES, D.; ZANUY, S.; BEBIANNO, M.J.; PORTE, C. Chemical and biochemical tools to assess pollution exposure in cultured fish. *Environmental Pollution*, 152(1), 138-146, 2008. [DDTs; HCB; HCH; PCBs; PAHs; alkylphenols; Cd; Cu; Zn]
- (0996) FERNANDEZ-VARELA, R.; ANDRADE, J.M.; MUNIATEGUI, S.; PRADA, D.; RAMIREZ-VILLALOBOS, F. Identification of fuel samples from the Prestige wreckage by pattern recognition methods. *Marine Pollution Bulletin*, 56(2), 335-347, 2008. [Oil spill; hydrocarbon fingerprint]
- (0997) GALIL, B.S. Shipwrecked - shipping impacts on the biota of the Mediterranean Sea. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.39-69. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10) [PAHs; oil; antifoulants; TBT; alien species; ship-generated noise; litter; oil; PAHs; tar]
- (0998) GALLOWAY, T.; LANGSTON, W.; HAGGER, J.; JONES, M. The application of biological-effects tools to inform the condition of European Marine Sites. Final Report. v, 90p. + appendices. Plymouth: Marine Biological Association, 2007. (Natural England Contract No FST20-18-028) [TBT; Fal; Helford; Tamar; Plymouth Sound; PAHs; metallothionein]
- (0999) GRIFFITH, M.B.; KRAVITZ, M. Relationships among exceedences of sediment guidelines, the results of ambient sediment toxicity tests, and community metrics in estuarine systems. *Estuaries and Coasts*, 31(1), 101-114, 2008. [PAHs; PCBs; pesticides; Ag; Al; arsenic; Cd; Cr; Cu; Fe; Mn; Ni; Pb; Sb; Se; Sn; Zn; pesticides]
- (1000) HANNAM, M.L.; HAGGER, J.A.; JONES, M.B.; GALLOWAY, T.S. Characterisation of esterases as potential biomarkers of pesticide exposure in the lugworm *Arenicola marina* (Annelida: Polychaeta). *Environmental Pollution*, 152(2), 342-350, 2008. [Ribble estuary; Avon (Devon) Estuary; Cd; Pb; Zn; dieldrin; p,p-TDE; PAHs; benzo(a)pyrene; pyrene; fluorene; azamethiphos]
- (1001) HARTWELL, S.I. Distribution of DDT and other persistent organic contaminants in Canyon and on the continental shelf off the central California coast. *Marine Environmental Research*, 65(3), 199-217, 2008. [PAHs; PCBs; endosulfan; mirex; chlorpyrifos; aldrin; dieldrin; endrin; heptachlor; heptachlor epoxide; chlordane; nonachlor; HCHs]
- (1002) HILYARD, E.J.; JONES-MEEHAN, J.M.; SPARGO, B.J.; HILL, R.T. Enrichment, isolation, and phylogenetic identification of polycyclic aromatic hydrocarbon-degrading bacteria from Elizabeth River sediments. *Applied and Environmental Microbiology*, 74(4), 1176-1182, 2008. [PAHs]

- (1003) KLANOVA, J.; MATYKIEWICZOVA, N.; MACKA, Z.; PROSEK, P.; LASKA, K.; KLAN, P. Persistent organic pollutants in soils and sediments from James Ross Island, Antarctica. *Environmental Pollution*, 152(2), 416-423, 2008. [PCBs; PAHs; DDTs; HCHs]
- (1004) KODAMA, Y.; STIKNOWATI, L.I.; UEKI, A.; UEKI, K.; WATANABE, K. *Thalassospira tepidiphila* sp. nov., a polycyclic aromatic hydrocarbon-degrading bacterium isolated from seawater. *International Journal of Systematic and Evolutionary Microbiology*, 58(3), 711-715, 2008. [PAHs]
- (1005) KWOK, K.W.H.; BJORGESAETER, A.; LEUNG, K.M.Y.; LUI, G.C.S.; GRAY, J.S.; SHIN, P.K.S.; LAM, P.K.S. Deriving site-specific sediment quality guidelines for Hong Kong marine environments using field-based species sensitivity distributions. *Environmental Toxicology and Chemistry*, 27(1), 226-234, 2008.
- (1006) LANGSTON, W.J.; CHESMAN, B.S.; BURT, G.R. Review of biomarkers, bioassays and their potential use in monitoring the Fal and Helford SAC. vi, 62p. Plymouth: Marine Biological Association, 2007. (Project carried out on behalf of Natural England) [Eutrophication; nutrient enrichment; metals; TBT; PAHs]
Available at: <http://sabella.mba.ac.uk/2310/>.
- (1007) LESCRAUWAET, A.-K.; MEES, J.; GILBERT, C. State of the coast of the Southern North Sea: an indicators-based approach to evaluating sustainable development in the coastal zone of the Southern North Sea. VLIZ Special Publications. Vlaams Instituut voor de Zee, 36, 140p., 2006.
- (1008) LIMA, D.; SANTOS, M.M.; FERREIRA, A.M.; MICAEL, C.; REIS-HENRIQUES, M.A. The use of the shanny *Lipophrys pholis* for pollution monitoring: a new sentinel species for the northwestern European marine ecosystems. *Environment International*, 34(1), 94-101, 2008. [PAHs; 16 PAH compounds; Cr; Ni; Pb]
- (1009) LIU, W.X.; HU, J.; CHEN, J.L.; FAN, Y.S.; XING, B.; TAO, S. Distribution of persistent toxic substances in benthic bivalves from the inshore areas of the Yellow Sea. *Environmental Toxicology and Chemistry*, 27(1), 57-66, 2008. [Arsenic; Cd; Hg; Pb; PAHs; DDTs; dicofol; phthalate esters; PCBs]
- (1010) LLIROS, M.; GAJU, N.; GARCIA DE OTEYZA, T.; GRIMALT, J.O.; ESTEVE, I.; MARTINEZ-ALONSO, M. Microcosm experiments of oil degradation by microbial mats. II. The changes in microbial species. *Science of the Total Environment*, 393(1), 39-49, 2008.
- (1011) MILES, A.K.; FLINT, P.L.; TRUST, K.A.; RICCA, M.A.; SPRING, S.E.; ARRIETA, D.E.; HOLLMEN, T.; WILSON, B.W. Polycyclic aromatic hydrocarbon exposure in Steller's eiders (*Polysticta stelleri*) and harlequin ducks (*Histrionicus histrionicus*) in the Eastern Aleutian Islands, Alaska, USA. *Environmental Toxicology and Chemistry*, 26(12), 2694-2703, 2007. [PAHs; PCBs]
- (1012) MOORE, M.N.; VIARENGO, A.; DONKIN, P.; HAWKINS, A.J.S. Corrigendum to "Autophagic and lysosomal reactions to stress in the hepatopancreas of blue mussels". [*Aquatic Toxicology* 84(1), 80-91, 2007]. *Aquatic Toxicology*, 86(3), p.457, 2008. [3-methylcholanthrene; fluoranthene; phenanthrene]
- (1013) PEARSON, A.; KRAUNZ, K.S.; SESSIONS, A.L.; DEKAS, A.E.; LEAVITT, W.D.; EDWARDS, K.J. Quantifying microbial utilization of petroleum hydrocarbons in salt marsh sediments by using the ¹³C content of bacterial rRNA. *Applied and Environmental Microbiology*, 74(4), 1157-1166, 2008. [PAHs]
- (1014) PETERSEN, D.G.; REICHENBERG, F.; DAHLLOF, I. Phototoxicity of pyrene affects benthic algae and bacteria from the Arctic. *Environmental Science and Technology*, 42(4), 1371-1376, 2008. [PAHs]
- (1015) PETROV, A.; NEVROVA, E. Database on Black Sea benthic diatoms (Bacillariophyta): its use for a comparative study of diversity peculiarities under technogenic pollution impacts. VLIZ Special Publications. Vlaams Instituut voor de Zee, 37, 153-165, 2007. [Cr; Cu; Hg; Mn; Pb; Zn; DDT; PCBs; oil]

(1016) PINEIRA, J.; QUESADA, H.; ROLAN-ALVAREZ, E.; CABALLERO, A. Genetic impact of the Prestige oil spill in wild populations of a poor dispersal marine snail from intertidal rocky shores. *Marine Pollution Bulletin*, 56(2), 270-281, 2008.

(1017) RAO, D.V.S.; RAO, K.S.; IYER, C.S.P.; CHITTIBABU, P. Possible ecological consequences from the Sethu Samudram Canal Project, India. *Marine Pollution Bulletin*, 56(2), 170-186, 2008.

(1018) SEO, J.-Y.; CHOI, J.-W.; SHIM, W.J.; KIM, G.B. Field application of a method for measuring DNA damage in polychaete blood cells exposed to Masan Bay sediment extracts. *Marine Pollution Bulletin*, 56(2), 354-358, 2008. [Sulphide; Al; Cd; Cu; Fe; Mg; Mn; Pb; Zn; PAHs; PCBs]

(1019) STENGEL, D.B.; O'REILLY, S.O.; O'HALLORAN, J. Contaminants and pollutants. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.361-389. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10) [Antifouling paint; PAHs; PCBs; oil spills; metals]

(1020) TIMMERMANN, K.; BANTA, G.T.; JOHNSEN, A.R.; ANDERSEN, O. Effects of the polychaetes *Arenicola marina* and *Nereis diversicolor* on microbial pyrene mineralization. *Aquatic Microbial Ecology*, 50(2), 197-207, 2008. [PAH]

(1021) VOLCKAERT, A., (ET AL), (EDITORS). *Marine Incidents Management Cluster (MIMAC). Research in the framework of the BELSPO Supporting Actions - SPSDII. MIMAC 2006 - International Conference on Marine Incidents Management, 19-20 October 2006. VLIZ Special Publications. Vlaams Instituut voor de Zee, 34, v, 83p., 2006.*

Section 3: Metals

- (1022) ATKINSON, C.A.; JOLLEY, D.F.; SIMPSON, S.L. Effect of overlying water pH, dissolved oxygen, salinity and sediment disturbances on metal release and sequestration from metal contaminated marine sediments. *Chemosphere*, 69(9), 1428-1437, 2007. [Cd; Cu; Pb; Zn]
- (1023) BELPAIRE, C.; GOEMANS, G. Eels: contaminant cocktails pinpointing environmental contamination. ICES Council Meeting Papers, C.M. 2006/J:12, 16p., 2006. [1,2-dichlorobenzene; toluene;; ethylbenzene; xylene; PBDEs; HBCD; lindane; Cd]
Available at: <http://www.ices.dk/products/Comdocs/2006/cm2006.pdf>.
- (1024) CARDOSO, P.G.; LILLEBO, A.I.; LOPES, C.B.; PEREIRA, E.; DUARTE, A.C.; PARDAL, M.A. Influence of bioturbation by *Hediste diversicolor* on mercury fluxes from estuarine sediments: a mesocosms laboratory experiment. *Marine Pollution Bulletin*, 56(2), 325-334, 2008. [Hg]
- (1025) CEBRIAN, E.; URIZ, M.J.; TURON, X. Sponges as biomonitors of heavy metals in spatial and temporal surveys in northwestern Mediterranean; multispecies comparison. *Environmental Toxicology and Chemistry*, 26(11), 2430-2439, 2007. [Cu; Pb]
- (1026) CHERNOVA, E.N.; SERGEEVA, O.S. Metal concentrations in *Sargassum* algae from coastal waters of Nha Trang Bay (South China Sea). [In Russian with English summary]. *Biologiya Morya*, 34(1), 58-64, 2008. [Cd; Cu; Fe; Mn; Ni; Pb; Zn]
- (1027) CLARK, N.A.; TESCHKE, K.; RIDEOUT, K.; COPES, R. Trace element levels in adults from the west coast of Canada and associations with age, gender, diet, activities, and levels of other trace elements. *Chemosphere*, 70(1), 155-164, 2007. [Seafood; Al; arsenic; Co; Cu; Fe; Hg; Mn; Mo; Ni; Pb; Zn]
- (1028) DEVESA, V.; VELEZ, D.; MONTORO, R. Effect of thermal treatments on arsenic species contents in food. *Food and Chemical Toxicology*, 46(1), 1-8, 2008. [Including seafood]
- (1029) FERNANDES, D.; ZANUY, S.; BEBIANNO, M.J.; PORTE, C. Chemical and biochemical tools to assess pollution exposure in cultured fish. *Environmental Pollution*, 152(1), 138-146, 2008. [DDTs; HCB; HCH; PCBs; PAHs; alkylphenols; Cd; Cu; Zn]
- (1030) GALIL, B.S. Shipwrecked - shipping impacts on the biota of the Mediterranean Sea. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.39-69. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10) [PAHs; oil; antifoulants; TBT; alien species; ship-generated noise; litter; oil; PAHs; tar]
- (1031) GALLETLY, B.C.; BLOWS, M.W.; MARSHALL, D.J. Genetic mechanisms of pollution resistance in a marine invertebrate. *Ecological Applications*, 17(8), 2290-2297, 2007. [Cu; *Styela plicata*]
- (1032) GALLOWAY, T.; LANGSTON, W.; HAGGER, J.; JONES, M. The application of biological-effects tools to inform the condition of European Marine Sites. Final Report. v, 90p. + appendices. Plymouth: Marine Biological Association, 2007. (Natural England Contract No FST20-18-028) [TBT; Fal; Helford; Tamar; Plymouth Sound; PAHs; metallothionein]
- (1033) GARCIA, A.C.; TURNER, A.; MILLWARD, G.E. Fractionation and reactivity of platinum group elements during estuarine mixing. *Environmental Science and Technology*, 42(4), 1096-1101, 2008. [Pd; Pt; Rh]
- (1034) GRIFFITH, M.B.; KRAVITZ, M. Relationships among exceedences of sediment guidelines, the results of ambient sediment toxicity tests, and community metrics in estuarine systems. *Estuaries and Coasts*, 31(1), 101-114, 2008. [PAHs; PCBs; pesticides; Ag; Al; arsenic; Cd; Cr; Cu; Fe; Mn; Ni; Pb; Sb; Se; Sn; Zn; pesticides]

- (1035) GRIFFITT, R.J.; GREIG, T.W.; CHANDLER, G.T.; QUATTRO, J.M. Serial analysis of gene expression reveals identifiable patterns in transcriptome profiles of *Palaemonetes pugio* exposed to three common environmental stressors. *Environmental Toxicology and Chemistry*, 26(11), 2413-2419, 2007. [Cd; endosulfan; fipronil]
- (1036) GUTIERREZ, A.J.; GONZALEZ-WELLER, D.; GONZALEZ, T.; BURGOS, A.; LOZANO, G.; REGUERA, J.I.; HARDISSON, A. Research note: content of toxic heavy metals (mercury, lead, and cadmium) in canned variegated scallops (*Chlamys varia*). *Journal of Food Protection*, 70(12), 2911-2915, 2007. [Cd; Hg; Pb; seafood]
- (1037) HANNAM, M.L.; HAGGER, J.A.; JONES, M.B.; GALLOWAY, T.S. Characterisation of esterases as potential biomarkers of pesticide exposure in the lugworm *Arenicola marina* (Annelida: Polychaeta). *Environmental Pollution*, 152(2), 342-350, 2008. [Ribble estuary; Avon (Devon) Estuary; Cd; Pb; Zn; dieldrin; p,p-TDE; PAHs; benzo(a)pyrene; pyrene; fluorene; azamethiphos]
- (1038) HATJE, V.; BARROS, F.; MAGALHAES, W.; RIATTO, V.B.; AMORIM, F.N.; FIGUEIREDO, M.B.; SPANO, S.; CIRANO, M. Trace metals and benthic macrofauna distributions in Camamu Bay, Brazil; sediment quality prior oil and gas exploration. *Marine Pollution Bulletin*, 56(2), 363-370, 2008. [Arsenic; Ba; Cd; Co; Cr; Cu; Fe; Mn; Ni; Pb; V; Zn]
- (1039) IVANINA, A.V.; CHERKASOV, A.S.; SOKOLOVA, I.M. Effects of cadmium on cellular protein and glutathione synthesis and expression of stress proteins in eastern oysters, *Crassostrea virginica* Gmelin. *Journal of Experimental Biology*, 211(4), 577-586, 2008. [Cd; metallothionein]
- (1040) JIANG, Z.-J.; FANG, J.-G.; ZHANG, J.-H.; MAO, Y.-Z.; WANG, W. Distribution features and evaluation on potential ecological risk of heavy metals in surface sediments of Sungo Bay. *Journal of Agro-Environment Science*, 27(1), 301-305, 2008. [Arsenic; Cd; Cu; Hg; Pb; Zn]
- (1041) JIMENEZ-CARCELES, F.J.; ALVAREZ-ROGEL, J.; CONESA ALCAREZ, H.M. Trace element concentrations in saltmarsh soils strongly affected by wastes from metal sulphide mining areas. *Water, Air, and Soil Pollution*, 188(1-4), 283-295, 2008. [Arsenic; Cd; Cu; Fe; Mn; Pb; Zn]
- (1042) KAVUN, V.Y. Contents of microelements in the grass shrimp *Pandalus kessleri* (Decapoda: Pandalidae) from coastal waters of the Lesser Kuril Ridge. [In Russian with English summary]. *Biologiya Morya*, 34(1), 65-73, 2008. [Cd; Cu; Fe; Mn; Ni; Pb; Zn]
- (1043) KEATING, J.; DELANEY, M.; MEEHAN-MEOLA, D.; WARREN, W.; ALCIVAR, A.; ALCIVAR-WARREN, A. Histological findings, cadmium bioaccumulation, and isolation of expressed sequence tags (ESTs) in cadmium-exposed, specific pathogen-free shrimp, *Litopenaeus vannamei* postlarvae. *Journal of Shellfish Research*, 26(4), 1225-1237, 2007. [Cd]
- (1044) KEUNG, C.F.; GUO, F.; QIAN, P.; WANG, W.-X. Influences of metal-ligand complexes on the cadmium and zinc biokinetics in the marine bacterium, *Bacillus firmus*. *Environmental Toxicology and Chemistry*, 27(1), 131-137, 2008. [Cd; Zn]
- (1045) KONTAS, A. Trace metals (Cu, Mn, Ni, Zn, Fe) contamination in marine sediment and zooplankton samples from Izmir Bay. (Aegean Sea, Turkey). *Water, Air, and Soil Pollution*, 188(1-4), 323-333, 2008.
- (1046) KWOK, K.W.H.; BJORGESAETER, A.; LEUNG, K.M.Y.; LUI, G.C.S.; GRAY, J.S.; SHIN, P.K.S.; LAM, P.K.S. Deriving site-specific sediment quality guidelines for Hong Kong marine environments using field-based species sensitivity distributions. *Environmental Toxicology and Chemistry*, 27(1), 226-234, 2008.
- (1047) LACQUE-LABARTHE, T.; WARNAU, M.; OBERHANSLI, F.; TEYSSIE, J.-L.; KOUETA, N.; BUSTAMANTE, P. Differential bioaccumulation behaviour of Ag and Cd during the early development of the cuttlefish *Sepia officinalis*. *Aquatic Toxicology*, 86(3), 437-446, 2008.

- (1048) LAHAYE, V.; BUSTAMANTE, P.; DABIN, W.; CHURLAND, C.; CAURANT, F. Trace element levels in foetus-mother pairs of short-beaked common dolphins (*Delphinus delphis*) stranded along the French coasts. *Environment International*, 33(8), 1021-1028, 2007. [Cd; Cu; Hg; Se; Zn]
- (1049) LANGSTON, W.J.; CHESMAN, B.S.; BURT, G.R. Review of biomarkers, bioassays and their potential use in monitoring the Fal and Helford SAC. vi, 62p. Plymouth: Marine Biological Association, 2007. (Project carried out on behalf of Natural England) [Eutrophication; nutrient enrichment; metals; TBT; PAHs]
Available at: <http://sabella.mba.ac.uk/2310/>.
- (1050) LEAL, M.A., (ET AL). Atmospheric impacts due to anthropogenic activities in remote areas: the case study of Admiralty Bay/King George Island/Antarctic Peninsula. *Water, Air, and Soil Pollution*, 188(1-4), 67-80, 2008. [Cr; Fe; Mn; Ni; Sc; Ti; V; Zn]
- (1051) LEKHI, P.; CASSIS, D.; PEARCE, C.M.; EBELL, N.; MALDONADO, M.T.; ORIANS, K.J. Role of dissolved and particulate cadmium in the accumulation of cadmium in cultured oysters (*Crassostrea gigas*). *Science of the Total Environment*, 393(2/3), 309-325, 2008. [Cd]
- (1052) LIMA, D.; SANTOS, M.M.; FERREIRA, A.M.; MICAEL, C.; REIS-HENRIQUES, M.A. The use of the shanny *Lipophrys pholis* for pollution monitoring: a new sentinel species for the northwestern European marine ecosystems. *Environment International*, 34(1), 94-101, 2008. [PAHs; 16 PAH compounds; Cr; Ni; Pb]
- (1053) LIU, W.X.; HU, J.; CHEN, J.L.; FAN, Y.S.; XING, B.; TAO, S. Distribution of persistent toxic substances in benthic bivalves from the inshore areas of the Yellow Sea. *Environmental Toxicology and Chemistry*, 27(1), 57-66, 2008. [Arsenic; Cd; Hg; Pb; PAHs; DDTs; dicofol; phthalate esters; PCBs]
- (1054) MAANAN, M. Biomonitoring of heavy metals using *Mytilus galloprovincialis* in Safi coastal waters, Morocco. *Environmental Toxicology*, 22(5), 525-531, 2007. [Cd; Cr; Cu; Hg; Mn; Ni; Pb; Zn]
- (1055) MACFARLANE, G.R.; KOLLER, C.E.; BLOMBERG, S.P. Accumulation and partitioning of heavy metals in mangroves: a synthesis of field-based studies. *Chemosphere*, 69(9), 1454-1464, 2007. [Cu; Pb; Zn]
- (1056) MARIN-GUIRAO, L.; LLORET, J.; MARIN, A. Carbon and nitrogen stable isotopes and metal concentration in food webs from a mining-impacted coastal lagoon. *Science of the Total Environment*, 393(1), 118-130, 2008. [Cd; Cu; Pb; Zn]
- (1057) MENDIGUCHIA, C.; MORENO, C.; GARIA-VARGAS, M. Evaluation of natural and anthropogenic influences on the Guadalquivir River (Spain) by dissolved heavy metals and nutrients. *Chemosphere*, 69(10), 1509-1517, 2007. [Mn; Co; Ni; Cu; Cd; Zn; Pb; nutrients]
- (1058) MINABERRY, Y.S.; GORDILLO, G.J. Complexing capacity of natural waters carrying a great amount of suspended matter. *Chemosphere*, 69(9), 1465-1473, 2007. [Cd]
- (1059) MORRISON, L.; BAUMANN, H.A.; STENGEL, D.B. An assessment of metal contamination along the Irish coast using the seaweed *Ascophyllum nodosum* (Fucales, Phaeophyceae). *Environmental Pollution*, 152(2), 293-303, 2008. [Cd; Co; Cr; Li; Pb; Ballyconneely; Galway Docks; Killimer; Cork Harbour; Dun Laoghaire; Carlingford Lough]
- (1060) MUCHA, A.P.; ALMEIDA, C.M.R.; BORDALO, A.A.; VASCONCELOS, M.T.S.D. Salt marsh plants (*Juncus maritimus* and *Scirpus maritimus*) as sources of strong complexing ligands. *Estuarine, Coastal and Shelf Science*, 77(1), 104-112, 2008. [Cu; Zn]
- (1061) MURPHY, K.R.; FIELD, M.P.; WAITE, T.D.; RUIZ, G.M. Trace elements in ships' ballast water as tracers of mid-ocean exchange. *Science of the Total Environment*, 393(1), 11-26, 2008. [Ba; Mn; P]

- (1062) MYERS, G.J.; DAVIDSON, P.W.; STRAIN, J.J. Nutrient and methyl mercury exposure from consuming fish. *Journal of Nutrition*, 137(12), 2805-2808, 2007. [Hg]
- (1063) PANUTRAKUL, S.; KHAMDECH, S.; DERDTHONG, P.; SENANAN, W.; TANGKROCK-OLAN, N.; ALCIVAR-WARREN, A. Heavy metals in wild banana prawn (*Fenneropenaeus merguensis* de Man, 1888) from Chantaburi and Trat Provinces, Thailand. *Journal of Shellfish Research*, 26(4), 1193-1202, 2007. [Cd; Cr; Cu; Hg; Ni; Pb; Zn]
- (1064) PEKKA, L.; HALMEENPAA, H.; ECKE, F.; VUORI, K.-M.; MOKROTOVAROVA, O.; OHLANDER, B.; INGRI, J. Assessing pollution in the Kola River, northwestern Russia, using metal concentrations in water and bryophytes. *Boreal Environment Research*, 13(1), 15-30, 2008. [Al; arsenic; Ba; Cd; Co; Cu; Fe; Mn; Mo; Ni; Pb; Zn]
- (1065) PEREIRA, M.E.; ABREU, S.; COELHO, J.P.; PATO, P.; PARDAL, M.A.; DUARTE, A.C. Influence of tidal resuspension on seston lithogenic and biogenic partitioning in shallow estuarine systems: implications for sampling. *Marine Pollution Bulletin*, 56(2), 348-354, 2008. [Al; Cd; Cu; Hg]
- (1066) PETROV, A.; NEVROVA, E. Database on Black Sea benthic diatoms (Bacillariophyta): its use for a comparative study of diversity peculiarities under technogenic pollution impacts. *VLIZ Special Publications*. Vlaams Instituut voor de Zee, 37, 153-165, 2007. [Cr; Cu; Hg; Mn; Pb; Zn; DDT; PCBs; oil]
- (1067) PRINGAULT, O.; DURAN, R.; JACQUET, S.; TORRETON, J.-P. Temporal variations of microbial activity and diversity in marine tropical sediments (New Caledonia Lagoon). *Microbial Ecology*, 55(2), 247-258, 2008. [Zn]
- (1068) RADAKOVITCH, O.; ROUSSIEZ, V.; OLLIVIER, P.; LUDWIG, W.; GRENZ, C.; PROBST, J.-L. Input of particulate heavy metals from rivers and associated sedimentary deposits on the Gulf of Lion continental shelf. *Estuarine, Coastal and Shelf Science*, 77(2), 285-295, 2008. [Cd; Co; Cr; Cu; Ni; Pb; Zn]
- (1069) REBOREDA, R.; CACADOR, I. Copper, zinc and lead speciation in salt marsh sediments colonised by *Halimione portulacoides* and *Spartina maritima*. *Chemosphere*, 69(10), 1655-1661, 2007. [Cu; Pb; Zn]
- (1070) ROBERTS, D.A.; JOHNSTON, E.L.; MULLER, S.; POORE, A.G.B. Field and laboratory simulations of storm water pulses: behavioural avoidance by marine epifauna. *Environmental Pollution*, 152(1), 153-162, 2008. [Cu; Zn]
- (1071) ROMERA, E.; GONZALEZ, F.; BALLESTER, A.; BLAZQUEZ, M.L.; MUNOZ, J.A. Comparative study of biosorption of heavy metals using different types of algae. *Bioresource Technology*, 98(17), 3344-3353, 2007. [Cd; Cu; Ni; Pb; Zn]
- (1072) SALAZAR, F.J.; SALDANA, R.C. Characterization of manures from fish cage farming in Chile. *Bioresource Technology*, 98(17), 3322-3327, 2007. [Nutrients; Al; arsenic; Cd; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (1073) SANTOS-ECHEANDIA, J.; LAGLERA, L.M.; PREGO, R.; VAN DEN BERG, C.M.G. Copper speciation in continental inputs to the Vigo Ria: sewage discharges versus river fluxes. *Marine Pollution Bulletin*, 56(2), 308-317, 2008. [Cu]
- (1074) SEO, J.-Y.; CHOI, J.-W.; SHIM, W.J.; KIM, G.B. Field application of a method for measuring DNA damage in polychaete blood cells exposed to Masan Bay sediment extracts. *Marine Pollution Bulletin*, 56(2), 354-358, 2008. [Sulphide; Al; Cd; Cu; Fe; Mg; Mn; Pb; Zn; PAHs; PCBs]
- (1075) SHAW, J.R.; JACKSON, B.; GABOR, K.; STANTON, S.; HAMILTON, J.W.; STANTON, B.A. The influence of exposure history on arsenic accumulation and toxicity in the killifish, *Fundulus heteroclitus*. *Environmental Toxicology and Chemistry*, 26(12), 2704-2709, 2007.

- (1076) SHILLA, D.; QADAH, D.; KALIBBALA, M. Distribution of heavy metals in dissolved, particulate and biota in the Scheldt estuary, Belgium. *Chemistry and Ecology*, 24(1), 61-74, 2008. [Cd; Co; Cu; Fe; Pb; Zn]
- (1077) STAVROS, H.-C.W.; BOSSART, G.D.; HULSEY, T.C.; FAIR, P.A. Trace element concentrations in blood of free-ranging bottlenose dolphins (*Tursiops truncatus*): influence of age, sex and location. *Marine Pollution Bulletin*, 56(2), 371-379, 2008. [Al; arsenic; Ba; Cu; Fe; Hg; methylmercury; Mn; Se; Zn]
- (1078) STENGEL, D.B.; O'REILLY, S.O.; O'HALLORAN, J. Contaminants and pollutants. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.361-389. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10) [Antifouling paint; PAHs; PCBs; oil spills; metals]
- (1079) STERNBERG, R.M.; HOTCHKISS, A.K.; LEBLANC, G.A. Synchronized expression of retinoid X receptor mRNA with reproductive tract recrudescence in an imposex-susceptible mollusc. *Environmental Science and Technology*, 42(4), 1345-1357, 2008. [TBT]
- (1080) STORELLI, M.M.; BARONE, G.; STORELLI, A.; MARCOTRIGIANO, G.O. Total and subcellular distribution of trace elements (Cd, Cu and Zn) in the liver and kidney of green turtles (*Chelonia mydas*) from the Mediterranean Sea. *Chemosphere*, 70(5), 908-913, 2008.
- (1081) SUNDERLAND, E.M.; MASON, R.P. Human impacts on open ocean mercury concentrations. *Global Biogeochemical Cycles*, 21(4), GB4022, 2007. [Hg]
- (1082) TAVARES, P.C.; KELLY, A.; MAIA, R.; LOPES, R.J.; SERRAO SANTOS, R.; PEREIRA, M.E.; DUARTE, A.C.; FURNESS, R.W. Variation in the mobilization of mercury into Black-winged Stilt *Himantopus himantopus* chicks in coastal saltpans, as revealed by stable isotopes. *Estuarine, Coastal and Shelf Science*, 77(1), 65-76, 2008. [Hg]
- (1083) THORSSON, M.H.; HEDMAN, J.E.; BRADSHAW, C.; GUNNARSSON, J.S.; GILEK, M. Effects of settling organic matter on the bioaccumulation of cadmium and BDE-99 by Baltic Sea benthic invertebrates. *Marine Environmental Research*, 65(3), 264-281, 2008. [Cd; flame retardants; PBDEs]
- (1084) WANG, P.; YANG, H.-L.; ZHU, S.-X.; YING, Q.-Z. Determination and evaluation of arsenic in sediments and organisms from Zhoushan Island. [In Chinese]. *Journal of Zhejiang University*, 34(6), 684-688, 2007.
- (1085) XU, Y.; FENG, L.; JEFFREY, P.D.; SHI, Y.; MOREL, F.M.M. Structure and metal exchange in the cadmium carbonic anhydrase of marine diatoms. *Nature*, 452(7183), 56-61, 2008. [Cd]
- (1086) YANTASEE, W.; HONGSIRIKARN, K.; WARNER, C.L.; CHOI, D.; SANGVANICH, T.; TOLOCZKO, M.B.; WARNER, M.G.; FRYXELL, G.E.; ADDLEMAN, S.; TIMCHALK, C. Direct detection of Pb in urine and Cd, Pb, Cu, and Ag in natural waters using electrochemical sensors immobilized with DMSA functionalized magnetic nanoparticles. *Analyst*, 133(3), 348-355, 2008.
- (1087) YAROSLAVTSEVA, L.M.; SERGEEVA, E.P. Adaptive abilities of marine invertebrate larvae under changes in environmental factors as a sensitive test for sea water pollution. [In Russian with English summary]. *Biologiya Morya*, 34(1), 42-46, 2008. [Cu]
- (1088) ZHONG, H.; WANG, W.-X. Methylmercury extraction from artificial sediments by the gut juice of the Sipunculan, *Sipunculus nudus*. *Environmental Toxicology and Chemistry*, 27(1), 138-145, 2008.

Section 4: Radioactivity

(1089) ABOUDI, M.; JEFFREY, W.H.; GHIGLIONE, J.-F.; PUJO-PAY, M.; ORIOL, L.; SEMPERE, R.; CHARRIERE, B.; JOUX, F. Effects of photochemical transformations of dissolved organic matter on bacterial metabolism and diversity in three contrasting coastal sites in the Northwestern Mediterranean Sea during summer. *Microbial Ecology*, 55(2), 344-357, 2008. [UV]

(1090) AVILA, C.; TABOADA, S.; NUNEZ-PONS, L. Antarctic marine chemical ecology: what is next? *Marine Ecology*, 29(1), 1-71, 2008. [Review; including UV protection]

(1091) BEN-YOSEF, D.Z.; KASHMAN, Y.; BENAYAHU, Y. Mycosporine-like amino acids in azooxanthellate and zooxanthellate early developmental stages of the soft coral *Heteroxenia fuscescens*. *Journal of Experimental Marine Biology and Ecology*, 355(1), 12-17, 2008. [UV; temperature]

(1092) BURGER, J.; GOCHFELD, M.; POWERS, C.W.; KOSSON, D.S.; HALVERSON, J.; SIEKANIEC, G.; MORKILL, A.; PATRICK, R.; DUFFY, L.K.; BARNES, D. Scientific research, stakeholders, and policy: continuing dialogue during research on radionuclides on Amchitka Island, Alaska. *Journal of Environmental Management*, 85(1), 232-244, 2007. [Seafood]

(1093) HASSONA, R.K.; SAM, A.K.; OSMAN, O.I.; SIRELKHATIM, D.A.; LAROSA, J. Assessment of Committed Effective Dose due to consumption of Red Sea coral reef fishes collected from the local market (Sudan). *Science of the Total Environment*, 393(2/3), 214-218, 2008. [210Po; 137Cs; seafood]

(1094) RONCARATI, F.; RIJSTENBIL, J.W.; PISTOCCHI, R. Photosynthetic performance, oxidative damage and antioxidants in *Cylindrotheca closterium* in response to high irradiance, UVB radiation and salinity. *Marine Biology*, 153(5), 965-973, 2008. [UV]

(1095) SLATTERY, M.; PAUL, V.J. Indirect effects of bleaching on predator deterrence in the tropical Pacific soft coral *Sinularia maxima*. *Marine Ecology Progress Series*, 354, 169-179, 2008. [Environmental stress; UV; sunscreens]

Section 5: Other Chemicals

- (1096) ABU-HILAL, A.; RASHEED, M.; AL-NAJJAR, T. Potential environmental impact of dissolution of raw phosphate in sea water of the Gulf of Aqaba. *Chemistry and Ecology*, 24(1), 51-59, 2008. [Apatite]
- (1097) AMORNTHAMMARONG, N.; ZHANG, J.-Z. Shipboard fluorometric flow analyzer for high-resolution underway measurement of ammonium in seawater. *Analytical Chemistry*, 80(4), 1019-1026, 2008.
- (1098) ANTONIJEVIC, B.; MATTHYS, C.; SIOEN, I.; BILAU, M.; VAN CAMP, J.; WILLEMS, J.L.; DE HENAUW, S. Simulated impact of a fish based shift in the population n-3 fatty acids intake on exposure to dioxins and dioxin-like compounds. *Food and Chemical Toxicology*, 45(11), 2279-2286, 2007. [PCBs; PCDDs; PCDFs; seafood]
- (1099) BELPAIRE, C.; GOEMANS, G. Eels: contaminant cocktails pinpointing environmental contamination. ICES Council Meeting Papers, C.M. 2006/J:12, 16p., 2006. [1,2-dichlorobenzene; toluene;; ethylbenzene; xylene; PBDEs; HBCD; lindane; Cd]
Available at: <http://www.ices.dk/products/Comdocs/2006/cm2006.pdf>.
- (1100) BUCCI, J.P.; SHOWERS, W.J.; REBACH, S.; DEMASTER, D.; GENNA, B. Stable isotope analyses ($\delta^{15}\text{N}$ and $\delta^{13}\text{C}$) of the trophic relationships of *Callinectes sapidus* in two North Carolina estuaries. *Estuaries and Coasts*, 30(6), 1049-1059, 2007. [Eutrophication; nutrient loading]
- (1101) BUTLER, A.H.; THOMPSON, D.W.J.; GURNEY, K.R. Observed relationships between the Southern Annular Mode and atmospheric carbon dioxide. *Global Biogeochemical Cycles*, 21(4), GB4014, 2007. [CO_2]
- (1102) CAILLEAUD, K.; FORGET-LERAY, J.; SOUISSI, S.; HILDE, D.; LEMENACH, K.; BUDZINSKI, H. Seasonal variations of hydrophobic organic contaminant concentrations in the water-column of the Seine Estuary and their transfer to a planktonic species *Eurytemora affinis* (Calanoida, Copepoda). Part 1: PCBs and PAHs. *Chemosphere*, 70(2), 270-280, 2007.
- (1103) CAILLEAUD, K.; FORGET-LERAY, J.; SOUISSI, S.; LARDY, S.; AUGAGNEUR, S.; BUDZINSKI, H. Seasonal variation of hydrophobic organic contaminant concentrations in the water-column of the Seine Estuary and their transfer to a planktonic species *Eurytemora affinis* (Calanoid, copepod). Part 2: alkylphenol-polyethoxylates. *Chemosphere*, 70(2), 281-287, 2007.
- (1104) CANNING-CLODE, J.; KAUFMANN, M.; MOLIS, M.; WAHL, M.; LENZ, M. Influence of disturbance and nutrient enrichment on early successional fouling communities in an oligotrophic marine system. *Marine Ecology*, 29(1), 115-124, 2008.
- (1105) CARAFA, R.; WOLLGAST, J.; CANUTI, E.; LIGTHART, J.; DUERI, S.; HANKE, G.; EISENREICH, S.J.; VIAROLI, P.; ZALDIVAR, J.M. Seasonal variations of selected herbicides and related metabolites in water, sediment, seaweed and clams in the Sacca di Goro coastal lagoon (Northern Adriatic). *Chemosphere*, 69(10), 1625-1637, 2007. [Atrazine; simazine; cyanazine; chloridazon; metolachlor; alachlor; 2,6-diethylaniline; molinate; chlorfenviphos; prometryn; terbutryn; tribenuron-methyl; pendimethalin; diuron; isoproturon; linuron; chlorpyrifos]
- (1106) CASTELLO, J.P.; POERSCH, L.; VASCONCELLOS, M.C.; CAVALLI, R.; WASIELESKY, W. Rearing shrimps in pens: a predictive model for impact assessment. *Estuaries and Coasts*, 31(1), 215-222, 2008. [Nutrients; nitrogen budget]
- (1107) CONDER, J.M.; HOKE, R.A.; DE WOLF, W.; RUSSELL, M.H.; BUCK, R.C. Are PFCA's bioaccumulative? A critical review and comparison with regulatory criteria and persistent lipophilic compounds. *Environmental Science and Technology*, 42(4), 995-1003, 2008. [PFOS; PFCAs]

- (1108) COTRIM DA CUNHA, L.; BUITENHUIS, E.T.; LE QUERE, C.; GIRAUD, X.; LUDWIG, W. Potential impact of changes in river nutrient supply on global ocean biogeochemistry. *Global Biogeochemical Cycles*, 21(4), GB4007, 2007. [CO₂]
- (1109) DANG, H.; REN, J.; SONG, L.; SUN, S.; AN, L. Diverse tetracycline resistant bacteria and resistance genes from coastal waters of Jiaozhou Bay. *Microbial Ecology*, 55(2), 237-246, 2008.
- (1110) DAVENPORT, J.; SWITALSKI, T.A. Environmental impacts of transport, related to tourism and leisure activities. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.333-360. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10)
- (1111) DRAKE, D.C.; PETERSON, B.J.; DEEGAN, L.A.; HARRIS, L.A.; MILLER, E.E.; WARREN, R.S. Plant nitrogen dynamics in fertilized and natural New England salt marshes: a paired ¹⁵N tracer study. *Marine Ecology Progress Series*, 354, 35-46, 2008. [Eutrophication; nutrients]
- (1112) ERDOGAN, O.; ATAMANALP, M.; SISMAN, T.; AKSAKAL, E.; ALAK, G. Effects of 2,2-dichlorovinyl dimethyl phosphate (DDVP) on Hsp70 gene expression in rainbow trout. *Israeli Journal of Aquaculture*, 59(4), 230-234, 2007.
- (1113) ESTRADA, M.; SALA, M.M.; VAN LENNING, K.; ALCARAZ, M.; FELIPE, J.; VELDHUIS, M.J.W. Biological interactions in enclosed plankton communities including *Alexandrium catenella* and copepods: role of phosphorus. *Journal of Experimental Marine Biology and Ecology*, 355(1), 1-11, 2008. [Nutrients]
- (1114) FEAR, J.M.; PAERL, H.W.; BRADY, J.S. Importance of submarine groundwater discharge as a source of nutrients for the Neuse River Estuary, North Carolina. *Estuaries and Coasts*, 30(6), 1027-1033, 2007.
- (1115) FERNANDES, D.; ZANUY, S.; BEBIANNO, M.J.; PORTE, C. Chemical and biochemical tools to assess pollution exposure in cultured fish. *Environmental Pollution*, 152(1), 138-146, 2008. [DDTs; HCB; HCH; PCBs; PAHs; alkylphenols; Cd; Cu; Zn]
- (1116) FREDERIKSEN, M.; VORKAMP, K.; BOSSI, R.; RIGET, F.; DAM, M.; SCENSMARK, B. Method development for simultaneous analysis of HBCD, TBBPA, and dimethyl-TBBPA in marine biota from Greenland and the Faroe Islands. *International Journal of Environmental and Analytical Chemistry*, 87(15), 1095-1109, 2007. [Brominated flame retardants; hexabromocyclododecane; tetrabromobisphenol A]
- (1117) GALIL, B.S. Shipwrecked - shipping impacts on the biota of the Mediterranean Sea. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.39-69. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10) [PAHs; oil; antifoulants; TBT; alien species; ship-generated noise; litter; oil; PAHs; tar]
- (1118) GALLOWAY, T.; LANGSTON, W.; HAGGER, J.; JONES, M. The application of biological-effects tools to inform the condition of European Marine Sites. Final Report. v, 90p. + appendices. Plymouth: Marine Biological Association, 2007. (Natural England Contract No FST20-18-028) [TBT; Fal; Helford; Tamar; Plymouth Sound; PAHs; metallothionein]
- (1119) GELSLEICHTER, J.; SZABO, N.J.; BELCHER, C.N.; ULRICH, G.F. Organochlorine contaminants in bonnethead sharks (*Sphyrna tiburo*) from Atlantic and Gulf estuaries on the US east coast. *Marine Pollution Bulletin*, 56(2), 359-363, 2008. [DDTs; aldrin; chlordane; dieldrin; endosulfan; endrin; endrin aldehyde; heptachlor; heptachlor epoxide; nonachlor; oxychlordane; toxaphene; HCHs; HCB; lindane; methoxychlor; mirex; PCBs]
- (1120) GIBSON, P.J.; BOYER, J.N.; SMITH, N.P. Nutrient mass flux between Florida Bay and the Florida Keys National Marine Sanctuary. *Estuaries and Coasts*, 31(1), 21-32, 2008.
- (1121) GILES, H. Using Bayesian networks to examine consistent trends in fish farm benthic impact studies. *Aquaculture*, 274(2-4), 181-195, 2008. [Review]

- (1122) GIORDANI, G.; AUSTONI, M.; ZALDIVAR, J.M.; SWANEY, D.P.; VIAROLI, P. Modelling ecosystem functions and properties at different time and spatial scales in shallow coastal lagoons: an application of the LOICZ biogeochemical model. *Estuarine, Coastal and Shelf Science*, 77(2), 264-277, 2008. [Eutrophication; nutrient loads]
- (1123) GOMEZ-GUTIERREZ, A.; GARNACHO, E.; BAYONA, J.M.; ALBAIGES, J. Screening ecological risk assessment of persistent organic pollutants in Mediterranean sea sediments. *Environment International*, 33(7), 867-876, 2007. [DDTs; HCB; PCBs]
- (1124) GRANBERG, M.E.; GUNNARSSON, J.S.; HEDMAN, J.E.; ROSENBERG, R.; JONSSON, P. Bioturbation-driven release of organic contaminants from Baltic Sea sediments mediated by the invading polychaete *Marenzelleria neglecta*. *Environmental Science and Technology*, 42(4), 1058-1065, 2008. [HCB; HCHs; DDTs; PCBs; CB-28; CB-52; CB-101; CB-118; CB-138; CB-153; CB-180]
- (1125) GRIFFITH, M.B.; KRAVITZ, M. Relationships among exceedences of sediment guidelines, the results of ambient sediment toxicity tests, and community metrics in estuarine systems. *Estuaries and Coasts*, 31(1), 101-114, 2008. [PAHs; PCBs; pesticides; Ag; Al; arsenic; Cd; Cr; Cu; Fe; Mn; Ni; Pb; Sb; Se; Sn; Zn; pesticides]
- (1126) GRIFFITT, R.J.; GREIG, T.W.; CHANDLER, G.T.; QUATTRO, J.M. Serial analysis of gene expression reveals identifiable patterns in transcriptome profiles of *Palaemonetes pugio* exposed to three common environmental stressors. *Environmental Toxicology and Chemistry*, 26(11), 2413-2419, 2007. [Cd; endosulfan; fipronil]
- (1127) GUENTHER, M.; PARANHOS, R.; REZENDE, C.E.; GONZALEZ-RODRIGUEZ, E.; VALENTIN, J.L. Dynamics of bacterial carbon metabolism at the entrance of a tropical eutrophic bay influenced by tidal oscillation. *Aquatic Microbial Ecology*, 50(2), 123-133, 2008. [Eutrophication; nutrient loading]
- (1128) HANNAM, M.L.; HAGGER, J.A.; JONES, M.B.; GALLOWAY, T.S. Characterisation of esterases as potential biomarkers of pesticide exposure in the lugworm *Arenicola marina* (Annelida: Polychaeta). *Environmental Pollution*, 152(2), 342-350, 2008. [Ribble estuary; Avon (Devon) Estuary; Cd; Pb; Zn; dieldrin; p,p-TDE; PAHs; benzo(a)pyrene; pyrene; fluorene; azamethiphos]
- (1129) HARTWELL, S.I. Distribution of DDT and other persistent organic contaminants in Canyon and on the continental shelf off the central California coast. *Marine Environmental Research*, 65(3), 199-217, 2008. [PAHs; PCBs; endosulfan; mirex; chlorpyrifos; aldrin; dieldrin; endrin; heptachlor; heptachlor epoxide; chlordane; nonachlor; HCHs]
- (1130) HOOKER, S.K.; METCALFE, T.L.; METCALFE, C.D.; ANGELL, C.M.; WILSON, J.Y.; MOORE, M.J.; WHITEHEAD, H. Changes in persistent contaminant concentration and CYP1A1 protein expression in biopsy samples from northern bottlenose whales, *Hyperoodon ampullatus*, following the onset of nearby oil and gas development. *Environmental Pollution*, 152(1), 205-216, 2008. [DDT; PCB congeners; HCHs; chlordanes; DDTs; endosulfan; heptachlor; heptachlor epoxide; aldrin; dieldrin; endrin; methoxychlor; mirex; HCB; octachlorostyrene]
- (1131) JARVIS, E.; SCHIFF, K.; SABIN, L.; ALLEN, M.J. Chlorinated hydrocarbons in pelagic forage fishes and squid of the Southern California Bight. *Environmental Toxicology and Chemistry*, 26(11), 2290-2298, 2007. [PCBs; DDT; seafood]
- (1132) KAJIWARA, N.; WATANABE, M.; WILSON, S.; EYBATOV, T.; MITROFANOV, I.V.; AUBREY, D.G.; KHURASKIN, L.S.; MIYAZAKI, N.; TANABE, S. Persistent organic pollutants (POPs) in Caspian seals of unusual mortality event during 2000 and 2001. *Environmental Pollution*, 152(2), 431-442, 2008. [PCBs; PCDDs; PCDFs; DDTs; HCHs; chlordanes; HCB; heptachlor epoxide]
- (1133) KLANJSCEK, T.; NISBET, R.M.; CASWELL, H.; NEUBERT, M.G. A model for energetics and bioaccumulation in marine mammals with applications to the right whale. *Ecological Applications*, 17(8), 2233-2250, 2007.

- (1134) KLANOVA, J.; MATYKIEWICZOVA, N.; MACKA, Z.; PROSEK, P.; LASKA, K.; KLAN, P. Persistent organic pollutants in soils and sediments from James Ross Island, Antarctica. *Environmental Pollution*, 152(2), 416-423, 2008. [PCBs; PAHs; DDTs; HCHs]
- (1135) KOIBUCHI, Y.; KOBE, M. Phytoplankton bloom mechanism in an area affected by eutrophication: Tokyo Bay in Spring 1999. *Coastal Engineering Journal*, 49(4), 461-479, 2007. [Nutrients]
- (1136) KREMP, A.; TAMMINEN, T.; SPILLING, K. Dinoflagellate bloom formation in natural assemblages with diatoms: nutrient competition and growth strategies in Baltic spring phytoplankton. *Aquatic Microbial Ecology*, 50(2), 181-196, 2008. [Eutrophication; nutrient loading]
- (1137) KUIVILA, K.M.; JENNINGS, B.E. Input, flux, and persistence of six select pesticides in San Francisco Bay. *International Journal of Environmental and Analytical Chemistry*, 87(13/14), 897-911, 2007. [Simazine; diazinon; carbofuran; methidathion; molinate; thiobencarb]
- (1138) KWOK, K.W.H.; BJORGESAEETER, A.; LEUNG, K.M.Y.; LUI, G.C.S.; GRAY, J.S.; SHIN, P.K.S.; LAM, P.K.S. Deriving site-specific sediment quality guidelines for Hong Kong marine environments using field-based species sensitivity distributions. *Environmental Toxicology and Chemistry*, 27(1), 226-234, 2008.
- (1139) LANGSTON, W.J.; CHESMAN, B.S.; BURT, G.R. Review of biomarkers, bioassays and their potential use in monitoring the Fal and Helford SAC. vi, 62p. Plymouth: Marine Biological Association, 2007. (Project carried out on behalf of Natural England) [Eutrophication; nutrient enrichment; metals; TBT; PAHs]
Available at: <http://sabella.mba.ac.uk/2310/>.
- (1140) LESCRAUWAET, A.-K.; MEES, J.; GILBERT, C. State of the coast of the Southern North Sea: an indicators-based approach to evaluating sustainable development in the coastal zone of the Southern North Sea. VLIZ Special Publications. Vlaams Instituut voor de Zee, 36, 140p., 2006.
- (1141) LEVIN, M.; BROWNAWELL, B.; DE GUISE, S. Sumithrin immunotoxicity in the American lobster (*Homarus americanus*) upon experimental exposure. *Journal of Shellfish Research*, 26(4), 1161-1164, 2007.
- (1142) LIN, D.T.; FONG, P. Macroalgal bioindicators (growth, tissue N, delta 15 N) detect nutrient enrichment from shrimp farm effluent entering Opunohu Bay, Moorea, French Polynesia. *Marine Pollution Bulletin*, 56(2), 245-249, 2008. [Nutrient enrichment; nitrogenous waste]
- (1143) LIU, W.X.; HU, J.; CHEN, J.L.; FAN, Y.S.; XING, B.; TAO, S. Distribution of persistent toxic substances in benthic bivalves from the inshore areas of the Yellow Sea. *Environmental Toxicology and Chemistry*, 27(1), 57-66, 2008. [Arsenic; Cd; Hg; Pb; PAHs; DDTs; dicofol; phthalate esters; PCBs]
- (1144) LOEBL, M.; COLIJN, F.; VAN BEUSEKOM, J.E.E. Increasing nitrogen limitation during summer in the List Tidal Basin (Northern Wadden Sea). *Helgoland Marine Research*, 62(1), 59-65, 2008. [Nutrient loads; turbidity]
- (1145) MCHENGA, I.S.S.; TSUCHIYA, M. Nutrient dynamics in mangrove crab burrow sediments subjected to anthropogenic input. *Journal of Sea Research*, 59(1/2), 103-113, 2008. [Organic loading; nutrients; bioturbation]
- (1146) MENDIGUCHIA, C.; MORENO, C.; GARIA-VARGAS, M. Evaluation of natural and anthropogenic influences on the Guadalquivir River (Spain) by dissolved heavy metals and nutrients. *Chemosphere*, 69(10), 1509-1517, 2007. [Mn; Co; Ni; Cu; Cd; Zn; Pb; nutrients]
- (1147) MENG, X.-Z.; YU, L.; GUO, Y.; MAI, B.-X.; ZENG, E.Y. Congener-specific distribution of polybrominated diphenyl ethers in fish of China: implication for input sources. *Environmental Toxicology and Chemistry*, 27(1), 67-72, 2008. [PBDEs]

- (1148) MILES, A.K.; FLINT, P.L.; TRUST, K.A.; RICCA, M.A.; SPRING, S.E.; ARRIETA, D.E.; HOLLMEN, T.; WILSON, B.W. Polycyclic aromatic hydrocarbon exposure in Steller's eiders (*Polysticta stelleri*) and harlequin ducks (*Histrionicus histrionicus*) in the Eastern Aleutian Islands, Alaska, USA. *Environmental Toxicology and Chemistry*, 26(12), 2694-2703, 2007. [PAHs; PCBs]
- (1149) MINCHINTON, T.E.; MCKENZIE, L.A. Nutrient enrichment affects recruitment of oysters and barnacles in a mangrove forest. *Marine Ecology Progress Series*, 354, 181-189, 2008. [Eutrophication]
- (1150) MONTIE, E.W., (ET AL). Cytochrome P4501A1 expression, polychlorinated biphenyls and hydroxylated metabolites, and adipocyte size of bottlenose dolphins from the Southeast United States. *Aquatic Toxicology*, 86(3), 397-412, 2008. [PCBs]
- (1151) MOORE, M.N.; VIARENGO, A.; DONKIN, P.; HAWKINS, A.J.S. Corrigendum to "Autophagic and lysosomal reactions to stress in the hepatopancreas of blue mussels". [*Aquatic Toxicology* 84(1), 80-91, 2007]. *Aquatic Toxicology*, 86(3), p.457, 2008. [3-methylcholanthrene; fluoranthene; phenanthrene]
- (1152) MUGNIER, C.; ZIPPER, E.; GOARANT, C.; LEMONNIER, H. Combined effect of exposure to ammonia and hypoxia on the blue shrimp *Litopenaeus stylirostris* survival and physiological response in relation to molt stage. *Aquaculture*, 274(2-4), 398-407, 2008.
- (1153) OCZKOWSKI, A.; NIXON, S.; HENRY, K.; DIMILLA, P.; PILSON, M.; GRANGER, S.; BUCKLEY, B.; THORNER, C.; MCKINNEY, R.; CHAVES, J. Distribution and trophic importance of anthropogenic nitrogen in Narragansett Bay: an assessment using stable isotopes. *Estuaries and Coasts*, 31(1), 53-69, 2008. [Eutrophication; sewage]
- (1154) PALSTRA, A.P.; VAN GINNEKEN, V.J.T.; MURK, A.J.; VAN DEN THILLART, G.E.E.J.M. Are dioxin-like contaminants responsible for the eel (*Anguilla anguilla*) drama? ICES Council Meeting Papers, C.M. 2006/J:34, 5p., 2006. [PCBs; dioxin; TCDD]
Available at: <http://www.ices.dk/products/Comdocs/2006/cm2006.pdf>.
- (1155) PETROV, A.; NEVROVA, E. Database on Black Sea benthic diatoms (Bacillariophyta): its use for a comparative study of diversity peculiarities under technogenic pollution impacts. VLIZ Special Publications. Vlaams Instituut voor de Zee, 37, 153-165, 2007. [Cr; Cu; Hg; Mn; Pb; Zn; DDT; PCBs; oil]
- (1156) PULSTER, E.L.; MARUYA, K.A. Geographic specificity of Aroclor 1268 in bottlenose dolphins (*Tursiops truncatus*) frequenting the Turtle/Brunswick River Estuary, Georgia (USA). *Science of the Total Environment*, 393(2/3), 367-375, 2008. [PCBs]
- (1157) REISE, K.; VAN BEUSEKOM, J.E.E. Interactive effects of global and regional change on a coastal ecosystem. *Helgoland Marine Research*, 62(1), 85-91, 2008. [*Crassostrea gigas*; *Ensis americanus*; nutrients; *Spartina anglica*; *Crepidula fornicata*; *Molgula manhattensis*; *Styela clava*]
- (1158) REMEN, M.; IMSLAND, A.K.; STEFANSSON, S.O.; JONASSEN, T.M.; FOSS, A. Interactive effects of ammonia and oxygen on growth and physiological status of juvenile Atlantic cod (*Gadus morhua*). *Aquaculture*, 274(2-4), 292-299, 2008. [Hypoxia]
- (1159) RICH, J.J.; DALE, O.R.; SONG, B.; WARD, B.B. Anaerobic ammonium oxidation (anammox) in Chesapeake Bay sediments. *Microbial Ecology*, 55(2), 311-320, 2008. [Nutrients]
- (1160) RODIL, R.; QUINTANA, J.B.; LOPEZ-MAHIA, P.; MUNIATEGUI-LORENZO, S.; PRADA-RODRIGUEZ, D. Multiclass determination of sunscreen chemicals in water samples by liquid chromatography - tandem mass spectrometry. *Analytical Chemistry*, 80(4), 1307-1315, 2008. [Phenyldibenzimidazole-tetrasulfonic acid (PDT); 2-phenylbenzimidazole-5-sulfonic acid (PBSA); benzophenone-4 (BP-4); benzophenone-3 (BP-3); 4-methylbenzylidene camphor (4-MBC); isoamyl methoxycinnamate (IAMC); octocrylene (OC); octyldimethyl-p-aminobenzoic acid (OD-PABA); butylmethoxydibenzoylmethane (BM-DBM)]

- (1161) SCHENKER, U.; SCHERINGER, M.; HUNGERBUHLER, K. Investigating the global fate of DDT: model evaluation and estimation of future trends. *Environmental Science and Technology*, 42(4), 1178-1184, 2008.
- (1162) SCHROPE, M. Red tide rising. *Nature*, 452(7183), 24-26, 2008. [Nutrient loading; algal blooms; Florida]
- (1163) SEO, J.-Y.; CHOI, J.-W.; SHIM, W.J.; KIM, G.B. Field application of a method for measuring DNA damage in polychaete blood cells exposed to Masan Bay sediment extracts. *Marine Pollution Bulletin*, 56(2), 354-358, 2008. [Sulphide; Al; Cd; Cu; Fe; Mg; Mn; Pb; Zn; PAHs; PCBs]
- (1164) SHIN, P.K.S.; LAM, N.W.Y.; WU, R.S.S.; QIAN, P.Y.; CHEUNG, S.G. Spatio-temporal changes of marine macrobenthic community in sub-tropical waters upon recovery from eutrophication. I. Sediment quality and community structure. *Marine Pollution Bulletin*, 56(2), 282-296, 2008. [Sewage; organic load; total organic carbon (TOC); nutrients]
- (1165) SPATHARIS, S.; DANIELIDIS, D.B.; TSIRTSIS, G. Recurrent Pseudo-nitzschia calliantha (Bacillariophyceae) and Alexandrium insuetum (Dinophyceae) winter blooms induced by agricultural runoff. *Harmful Algae*, 6(6), 811-822, 2007. [Nutrient load; fertilizers]
- (1166) STENGEL, D.B.; O'REILLY, S.O.; O'HALLORAN, J. Contaminants and pollutants. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.361-389. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10) [Antifouling paint; PAHs; PCBs; oil spills; metals]
- (1167) STERNBERG, R.M.; HOTCHKISS, A.K.; LEBLANC, G.A. Synchronized expression of retinoid X receptor mRNA with reproductive tract recrudescence in an imposex-susceptible mollusc. *Environmental Science and Technology*, 42(4), 1345-1357, 2008. [TBT]
- (1168) SWANEY, D.P.; SCAVIA, D.; HOWARTH, R.W.; MARINO, R.M. Estuarine classification and response to nitrogen loading: insights from simple ecological models. *Estuarine, Coastal and Shelf Science*, 77(2), 253-263, 2008. [Nutrients]
- (1169) TAMTAM, F.; MERCIER, F.; LE BOT, B.; EURIN, J.; DINH, Q.T.; CLEMENT, M.; CHEVREUIL, M. Occurrence and fate of antibiotics in the Seine River in various hydrological conditions. *Science of the Total Environment*, 393(1), 84-95, 2008. [Quinolones; sulfonamides; trimethoprim; ornidazole; sulfamethazine; sulfamethoxazole; trimethoprim; pipemidic acid; oxolinic acid; nalidixic acid; flumequine; enoxacin; norfloxacin; ofloxacin; ciprofloxacin; lomefloxacin; danofloxacin; enrofloxacin; sarafloxacin; difloxacin]
- (1170) THOMAS, H., (ET AL). Rapid decline of the CO₂ buffering capacity in the North Sea and implications for the North Atlantic Ocean. *Global Biogeochemical Cycles*, 21(4), GB4001, 2007.
- (1171) THORNER, C.S.; DIMILLA, P.; NIXON, S.W.; MCKINNEY, R.A. Natural and anthropogenic nitrogen uptake by bloom-forming macroalgae. *Marine Pollution Bulletin*, 56(2), 261-269, 2008. [Eutrophication; nutrients]
- (1172) THORSSON, M.H.; HEDMAN, J.E.; BRADSHAW, C.; GUNNARSSON, J.S.; GILEK, M. Effects of settling organic matter on the bioaccumulation of cadmium and BDE-99 by Baltic Sea benthic invertebrates. *Marine Environmental Research*, 65(3), 264-281, 2008. [Cd; flame retardants; PBDEs]
- (1173) TOMS, L.M.L.; MORTIMER, M.; SYMONS, R.K.; PAEPKE, O.; MUELLER, J.F. Polybrominated diphenyl ethers (PBDEs) in sediment by salinity and land-use type from Australia. *Environment International*, 34(1), 58-66, 2008. [Brominated flame retardants]
- (1174) TYLER, R.M. Effects of coverage by benthic seaweed mats on (northern quahog = hard clam) *Mercenaria mercenaria* in a eutrophic estuary. *Journal of Shellfish Research*, 26(4), 1021-1028, 2007. [Nutrient loads]

- (1175) VAN BEUSEKOM, J.E.E.; WEIGELT-KRENZ, S.; MARTENS, P. Long-term variability of winter nitrate concentrations in the Northern Wadden Sea driven by freshwater discharge, decreasing riverine loads and denitrification. *Helgoland Marine Research*, 62(1), 49-57, 2008. [Eutrophication; nutrients; weather-dependent changes; List Tidal Basin]
- (1176) VOLCKAERT, A.; Versonnen, B.; ARIJS, K.; CALEWAERT, J.-B. Integration RAMA and DIMAS. VLIZ Special Publications. Vlaams Instituut voor de Zee, 34, 16-20, 2006. [Risk Analysis of Marine Activities (RAMA); Development of an Integrated Database for the Management of Accidental Spills (DIMAS)]
- (1177) VON DER RECKE, R.; VETTER, W. Congener pattern of hexabromobiphenyls in marine biota from different proveniences. *Science of the Total Environment*, 393(2/3), 358-366, 2008. [Brominated flame retardants; PBBs; polybrominated biphenyls]
- (1178) WALDOCK, M. Endocrine disruption in the marine environment. VLIZ Special Publications. Vlaams Instituut voor de Zee, 34, 56-59, 2006.
- (1179) WAN, Y.; HU, J.; ZHANG, K.; AN, L. Trophodynamics of polybrominated diphenyl ethers in the marine food web of Bohai Bay, North China. *Environmental Science and Technology*, 42(4), 1078-1083, 2008. [PBDEs; brominated flame retardants; 13 compounds]
- (1180) WANG, C.; CORBETT, J.J. The costs and benefits of reducing SO₂ emissions from ships in the US West Coastal waters. *Transportation Research, Part D: Transport and Environment*, 12(8), 577-588, 2007.
- (1181) XIAO, Y.; FERREIRA, J.G.; BRICKER, S.B.; NUNES, J.P.; ZHU, M.; ZHANG, X. Trophic assessment in Chinese coastal systems - review of methods and application to the Changjiang (Yangtze) Estuary and Jiaozhou Bay. *Estuaries and Coasts*, 30(6), 901-918, 2007. [Eutrophication; nutrient loads]
- (1182) YAN, S.; RODENBURG, L.A.; DACHS, J.; EISENREICH, S.J. Seasonal air-water exchange fluxes of polychlorinated biphenyls in the Hudson River Estuary. *Environmental Pollution*, 152(2), 443-451, 2008. [PCBs]
- (1183) YANG, H.; HALASZ, A.; ZHAO, J.S.; MONTEI-RIVERA, F.; HAWARI, J. Experimental evidence for in situ natural attenuation of 2,4- and 2,6-dinitrotoluene in marine sediment. *Chemosphere*, 70(5), 791-799, 2008.
- (1184) YLITALO, G.M., (ET AL). Organochlorine contaminants in endangered Hawaiian monk seals from four subpopulations in the Northwestern Hawaiian Islands. *Marine Pollution Bulletin*, 56(2), 231-244, 2008. [p,p'-DDE; DDT; PCBs]
- (1185) YU, M.; LUO, X.; CHEN, S.; MAI, B.; ZENG, E.Y. Organochlorine pesticides in the surface water and sediments of the Pearl River Estuary, South China. *Environmental Toxicology and Chemistry*, 27(1), 10-17, 2008. [DDTs; HCHs]

Section 6: Biological Wastes

- (1186) ARMON, R.; CABELLI, V.J.; DUNCANSON, R. Survival of F-RNA coliphages and three bacterial indicators during wastewater chlorination and transport in estuarine waters. *Estuaries and Coasts*, 30(6), 1088-1094, 2007. [Enterococci; faecal coliforms; sewage]
- (1187) BABATUNDE, A.O.; ZHAO, Y.Q.; O'NEILL, M.; O'SULLIVAN, B. Constructed wetlands for environmental pollution control: a review of developments, research and practice in Ireland. *Environment International*, 34(1), 116-126, 2008.
- (1188) CARUSO, G.; MONTICELLI, L.S.; CARUSO, R.; BERGAMASCO, A. Development of a fluorescent antibody method for the detection of *Enterococcus faecium* and its potential for coastal aquatic environment monitoring. *Marine Pollution Bulletin*, 56(2), 318-324, 2008. [Faecal pollution]
- (1189) CHEUNG, S.G.; LAM, N.W.Y.; WU, R.S.S.; SHIN, P.K.S. Spatio-temporal changes of marine macrobenthic community in sub-tropical waters upon recovery from eutrophication. II. Life-history traits and feeding guilds of polychaete community. *Marine Pollution Bulletin*, 56(2), 297-307, 2008. [Sewage; organic load]
- (1190) DELL'ANNO, A.; PUSCEDDU, A.; LANGONE, L.; DANOVARO, R. Biochemical composition and early diagenesis of organic matter in coastal sediments of the NW Adriatic Sea influenced by riverine inputs. *Chemistry and Ecology*, 24(1), 75-85, 2008. [Eutrophication; organic enrichment]
- (1191) DONOVAN, E.P.; STASKAL, D.F.; UNICE, K.M.; ROBERTS, J.D.; HAWS, L.C.; FINLEY, B.L.; HARRIS, M.A. Risk of gastrointestinal disease associated with the exposure to pathogens in the sediments of the Lower Passaic River. *Applied and Environmental Microbiology*, 74(4), 1004-1018, 2008.
- (1192) DONOVAN, E.; UNICE, K.; ROBERTS, J.D.; HARRIS, M.; FINLEY, B. Risk of gastrointestinal disease associated with exposure to pathogens in the water of the Lower Passaic River. *Applied and Environmental Microbiology*, 74(4), 994-1003, 2008.
- (1193) GARNIER, J.; BILLEN, G.; EVEN, S.; ETCHEBER, H.; SERVAIS, P. Organic matter dynamics and budgets in the turbidity maximum zone of the Seine Estuary (France). *Estuarine, Coastal and Shelf Science*, 77(1), 150-162, 2008. [Particulate organic matter; domestic effluent]
- (1194) GILES, H. Using Bayesian networks to examine consistent trends in fish farm benthic impact studies. *Aquaculture*, 274(2-4), 181-195, 2008. [Review]
- (1195) LIN, D.T.; FONG, P. Macroalgal bioindicators (growth, tissue N, delta 15 N) detect nutrient enrichment from shrimp farm effluent entering Opunohu Bay, Moorea, French Polynesia. *Marine Pollution Bulletin*, 56(2), 245-249, 2008. [Nutrient enrichment; nitrogenous waste]
- (1196) MCHENGA, I.S.S.; TSUCHIYA, M. Nutrient dynamics in mangrove crab burrow sediments subjected to anthropogenic input. *Journal of Sea Research*, 59(1/2), 103-113, 2008. [Organic loading; nutrients; bioturbation]
- (1197) OCZKOWSKI, A.; NIXON, S.; HENRY, K.; DIMILLA, P.; PILSON, M.; GRANGER, S.; BUCKLEY, B.; THORNER, C.; MCKINNEY, R.; CHAVES, J. Distribution and trophic importance of anthropogenic nitrogen in Narragansett Bay: an assessment using stable isotopes. *Estuaries and Coasts*, 31(1), 53-69, 2008. [Eutrophication; sewage]
- (1198) RAMIREZ-ALVAREZ, N.; MACIAS-ZAMORA, J.V.; BURKE, R.A.; RODRIGUEZ-VILLANUEVA, L.V. Use of delta 13 C, delta 15 N, and carbon to nitrogen ratios to evaluate the impact of sewage-derived particulate organic matter on the benthic communities of the Southern California Bight. *Environmental Toxicology and Chemistry*, 26(11), 2332-2338, 2007.
- (1199) SALAZAR, F.J.; SALDANA, R.C. Characterization of manures from fish cage farming in Chile. *Bioresource Technology*, 98(17), 3322-3327, 2007. [Nutrients; Al; arsenic; Cd; Cr; Cu; Fe; Mn; Ni; Pb; Zn]

(1200) SEQUEIRA, A.; FERREIRA, J.G.; HAWKINS, A.J.S.; NOBRE, A.; LOURENCO, P.; ZHANG, X.L.; YAN, X.; NICKELL, T. Trade-offs between shellfish aquaculture and benthic biodiversity: a modelling approach for sustainable management. *Aquaculture*, 274(2-4), 313-328, 2008. [Carlingford Lough; Loch Creran; Sanggou Bay; Xiangshan Gang]

(1201) SHIN, P.K.S.; LAM, N.W.Y.; WU, R.S.S.; QIAN, P.Y.; CHEUNG, S.G. Spatio-temporal changes of marine macrobenthic community in sub-tropical waters upon recovery from eutrophication. I. Sediment quality and community structure. *Marine Pollution Bulletin*, 56(2), 282-296, 2008. [Sewage; organic load; total organic carbon (TOC); nutrients]

(1202) STENGEL, D.B.; O'REILLY, S.O.; O'HALLORAN, J. Contaminants and pollutants. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.361-389. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10) [Antifouling paint; PAHs; PCBs; oil spills; metals]

Section 7: Heat

- (1203) BEN-YOSEF, D.Z.; KASHMAN, Y.; BENAYAHU, Y. Mycosporine-like amino acids in azooxanthellate and zooxanthellate early developmental stages of the soft coral *Heteroxenia fuscescens*. *Journal of Experimental Marine Biology and Ecology*, 355(1), 12-17, 2008. [UV; temperature]
- (1204) DOVE, M.C.; O'CONNOR, W.A. Salinity and temperature tolerance of Sydney rock oysters *Saccostrea glomerata* during early ontogeny. *Journal of Shellfish Research*, 26(4), 939-947, 2007.
- (1205) HANNA, S.K.; HAUKENES, A.H.; FOY, R.J.; BUCK, C.L. Temperature effects on metabolic rate, swimming performance and condition of Pacific cod *Gadus macrocephalus* Tilesius. *Journal of Fish Biology*, 72(4), 1068-1078, 2008.
- (1206) MIESZKOWSKA, N.; SIMS, D.; HAWKINS, S.J. Fishing, climate change and north-east Atlantic cod stocks. 12p. 2007. (Commissioned scientific report for the World Wildlife Fund)
- (1207) MITCHELL, R.J.; MORECROFT, M.D.; ACREMAN, M.; CRICK, H.Q.P.; FROST, M.; HARLEY, M.; MACLEAN, I.M.D.; MOUNTFORD, O.; PIPER, J.; PONTIER, H.; REHFISCH, M.M.; ROSS, L.C.; SMITHERS, R.J.; STOTT, A.; WALMSLEY, C.A.; WATTS, O.; WILSON, E. England Biodiversity Strategy - towards adaptation to climate change. Final report to Defra. xv, 177p. DEFRA, 2007. (Contract No. CR0327) [Including coasts and seas]
Available at: <http://sabella.mba.ac.uk/2301/>.
- (1208) PEREZ-CASANOVA, J.C.; AFONSO, L.O.B.; JOHNSON, S.C.; CURRIE, S.; GAMPERL, A.K. The stress and metabolic responses of juvenile Atlantic cod *Gadus morhua* L. to an acute thermal challenge. *Journal of Fish Biology*, 72(4), 899-916, 2008.
- (1209) SILBIGER, N.; MUNGUIA, P. Carapace color change in *Uca pugilator* as a response to temperature. *Journal of Experimental Marine Biology and Ecology*, 355(1), 41-46, 2008.
- (1210) SOTIL, G.; TARAZONA, J.; ALVIS, R.; FRANCIJA, J.C.; SHIGA, B. Comparative evaluation of the DNA damage response in two Peruvian marine bivalves exposed to changes in temperature. *Helgoland Marine Research*, 62 (Supplement 1), S101-S105, 2008.

Section 8: Solids

- (1211) FU, F.; WATANABE, K.; SHINOHARA, N.; XU, X.; XU, L.; AKAGI, T. Morphological and light-absorption characteristics of individual BC particles collected in an urban seaside area at Tokaimura, eastern central Japan. *Science of the Total Environment*, 393(2/3), 273-282, 2008. [Black carbon]
- (1212) GALIL, B.S. Shipwrecked - shipping impacts on the biota of the Mediterranean Sea. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.39-69. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10) [PAHs; oil; antifoulants; TBT; alien species; ship-generated noise; litter; oil; PAHs; tar]
- (1213) GALLOWAY, T. Plastic bottles and moral codes. *Marine Pollution Bulletin*, 56(2), 163-165, 2008.
- (1214) LESCRAUWAET, A.-K.; MEES, J.; GILBERT, C. State of the coast of the Southern North Sea: an indicators-based approach to evaluating sustainable development in the coastal zone of the Southern North Sea. VLIZ Special Publications. Vlaams Instituut voor de Zee, 36, 140p., 2006.
- (1215) MACKENZIE, C.L., JR. Causes underlying the historical decline in eastern oyster (*Crassostrea virginica* Gmelin, 1791) landings. *Journal of Shellfish Research*, 26(4), 927-938, 2007. [Channel dredgings; impact of trawling; pathogens; siltation; storms]
- (1216) MARINE ECOLOGICAL SURVEYS LIMITED. *Marine macrofauna genus trait handbook*. x, 174p. Bath: Marine Ecological Surveys Limited, 2008. [Impacts of aggregate dredging; recoverability]
Available at: <http://www.seasurvey.co.uk>.
- (1217) MARINE ECOLOGICAL SURVEYS LIMITED. *Marine macrofauna genus trait handbook*. CDROM. Bath: Marine Ecological Surveys Limited, 2008. [Impacts of aggregate dredging; recoverability]
Available at: <http://www.seasurvey.co.uk>.
- (1218) RAMIREZ-ALVAREZ, N.; MACIAS-ZAMORA, J.V.; BURKE, R.A.; RODRIGUEZ-VILLANUEVA, L.V. Use of delta 13 C, delta 15 N, and carbon to nitrogen ratios to evaluate the impact of sewage-derived particulate organic matter on the benthic communities of the Southern California Bight. *Environmental Toxicology and Chemistry*, 26(11), 2332-2338, 2007.
- (1219) RIUL, P.; TARGINO, C.H.; DA NOBREGA FARIAS, J.; VISSCHER, P.T.; HORTA, P.A. Decrease in *Lithothamnion* sp. (Rhodophyta) primary production due to the deposition of a thin sediment layer. *Journal of the Marine Biological Association of the United Kingdom*, 88(1), 17-19, 2008. [Dredging impact]
- (1220) SPENGLER, A.; COSTA, M.F. Methods applied in studies of benthic marine debris. *Marine Pollution Bulletin*, 56(2), 226-230, 2008. [Plastics]
- (1221) STENGEL, D.B.; O'REILLY, S.O.; O'HALLORAN, J. Contaminants and pollutants. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.361-389. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10) [Antifouling paint; PAHs; PCBs; oil spills; metals]

Section 9: Physical Disturbance

- (1222) ANWAR, S.K.M.; JEANNERET, C.A.; PARROTT, L.; MARCEAU, D.J. Conceptualization and implementation of a multi-agent model to simulate whale-watching tours in the St. Lawrence Estuary in Quebec, Canada. *Environmental Modelling and Software*, 22(12), 1775-1787, 2007.
- (1223) BOTTO, F.; MENDEZ-CASARIEGO, A.; VALINAS, M.; IRIBARNE, O. Spatial heterogeneity created by burrowing crabs affects human impact on migratory shorebirds. *Estuaries and Coasts*, 31(1), 134-143, 2008. [Recreational activities]
- (1224) BOYES, S.; HEMINGWAY, K.; ALLEN, J.H. Intertidal monitoring of *Zostera marina* in Pen Llyn a'r Sarnau SAC in 2004/2005. viii, 42p. Bangor: Countryside Council for Wales, 2005. (CCW Marine Monitoring Report No.28) [Physical damage; anchors; chains; vehicles; Porth Dinllaen; disease; Porth Fechan; Black Rock Sands]
- (1225) CANNING-CLODE, J.; KAUFMANN, M.; MOLIS, M.; WAHL, M.; LENZ, M. Influence of disturbance and nutrient enrichment on early successional fouling communities in an oligotrophic marine system. *Marine Ecology*, 29(1), 115-124, 2008.
- (1226) COLLIE, J.; ANDERSON, J.; VALENTINE, P.; BLACK, J. A small hotspot of benthic biodiversity on the northwest Atlantic continental shelf. ICES Council Meeting Papers, C.M. 2006/D:13, 24p., 2006. [Threats; oil and gas development; trawling; invasive species] Available at: <http://www.ices.dk/products/Commandocs/2006/cm2006.pdf>.
- (1227) DAVENPORT, J.; SWITALSKI, T.A. Environmental impacts of transport, related to tourism and leisure activities. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.333-360. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10)
- (1228) GALIL, B.S. Shipwrecked - shipping impacts on the biota of the Mediterranean Sea. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.39-69. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10) [PAHs; oil; antifoulants; TBT; alien species; ship-generated noise; litter; oil; PAHs; tar]
- (1229) GARCIA, E.G.; RAGNARSSON, S.A.; EIRIKSSON, H. Changes in the macrobenthic community in Breioafjorour, west Iceland, following the cessation of scallop dredging. ICES Council Meeting Papers, C.M. 2006/K:10, 12p., 2006. Available at: <http://www.ices.dk/products/Commandocs/2006/cm2006.pdf>.
- (1230) KIMBALL, M.E.; ABLE, K.W. Tidal utilization of nekton in Delaware Bay restored and reference intertidal salt marsh creeks. *Estuaries and Coasts*, 30(6), 1075-1087, 2007. [Salt hay farming]
- (1231) LAKKIS, S. Dataset and database biodiversity of plankton community in Lebanese seawater (Levantine Basin, East Mediterranean). VLIZ Special Publications. Vlaams Instituut voor de Zee, 37, 99-112, 2007.
- (1232) LEMOINE, G.; FAUCON, L. Preserving the beach deposits (high-water driftlines) and the embryo dunes on the coastline of the North Department (France). VLIZ Special Publication, 19, 369-377, 2005. [Mechanical raking; beach cleaning]
- (1233) MACKENZIE, C.L., JR. Causes underlying the historical decline in eastern oyster (*Crassostrea virginica* Gmelin, 1791) landings. *Journal of Shellfish Research*, 26(4), 927-938, 2007. [Channel dredgings; impact of trawling; pathogens; siltation; storms]
- (1234) MARINE ECOLOGICAL SURVEYS LIMITED. *Marine macrofauna genus trait handbook*. x, 174p. Bath: Marine Ecological Surveys Limited, 2008. [Impacts of aggregate dredging; recoverability] Available at: <http://www.seasurvey.co.uk>.

- (1235) MARINE ECOLOGICAL SURVEYS LIMITED. Marine macrofauna genus trait handbook. CDROM. Bath: Marine Ecological Surveys Limited, 2008. [Impacts of aggregate dredging; recoverability]
Available at: <http://www.seasurvey.co.uk>.
- (1236) MCCLANAHAN, T.R.; ATEWEBERHAN, M.; OMUKOTO, J. Long-term changes in coral colony size distributions on Kenyan reefs under different management regimes and across the 1998 bleaching event. *Marine Biology*, 153(5), 755-768, 2008. [Impact of fishing]
- (1237) METCALFE, K.N.; GLASBY, C.J. Diversity of Polychaeta (Annelida) and other worm taxa in mangrove habitats of Darwin Harbour, northern Australia. *Journal of Sea Research*, 59(1/2), 70-82, 2008. [Urbanisation; anthropogenic disturbance]
- (1238) MITCHELL, R.J.; MORECROFT, M.D.; ACREMAN, M.; CRICK, H.Q.P.; FROST, M.; HARLEY, M.; MACLEAN, I.M.D.; MOUNTFORD, O.; PIPER, J.; PONTIER, H.; REHFISCH, M.M.; ROSS, L.C.; SMITHERS, R.J.; STOTT, A.; WALMSLEY, C.A.; WATTS, O.; WILSON, E. England Biodiversity Strategy - towards adaptation to climate change. Final report to Defra. xv, 177p. DEFRA, 2007. (Contract No. CR0327) [Including coasts and seas]
Available at: <http://sabella.mba.ac.uk/2301/>.
- (1239) NAVEDO, J.G.; MASERO, J.A. Effects of traditional clam harvesting on the foraging ecology of migrating curlews (*Numenius arquata*). *Journal of Experimental Marine Biology and Ecology*, 355(1), 59-65, 2008.
- (1240) RAO, D.V.S.; RAO, K.S.; IYER, C.S.P.; CHITTIBABU, P. Possible ecological consequences from the Sethu Samudram Canal Project, India. *Marine Pollution Bulletin*, 56(2), 170-186, 2008.
- (1241) RESTREPO, J.D. Applicability of LOICZ catchment-coast continuum in a major Caribbean basin: the Magdalena River, Columbia. *Estuarine, Coastal and Shelf Science*, 77(2), 214-229, 2008. [Deforestation; dam construction; sediment load; land-use change; environmental degradation]
- (1242) RIUL, P.; TARGINO, C.H.; DA NOBREGA FARIAS, J.; VISSCHER, P.T.; HORTA, P.A. Decrease in *Lithothamnion* sp. (Rhodophyta) primary production due to the deposition of a thin sediment layer. *Journal of the Marine Biological Association of the United Kingdom*, 88(1), 17-19, 2008. [Dredging impact]
- (1243) RUZ, M.-H.; ANTHONY, E.J.; FAUCON, L. Coastal dune evolution on a shoreline subject to strong human pressure: the Dunkirk area, northern France. *VLIZ Special Publication*, 19, 441-449, 2005.
- (1244) STIENEN, E.W.M.; COURTENS, W.; VAN DE WALLE, M.; VAN WAEYENBERGE, J.; KUIJKEN, E. Harboured nature: port development and dynamic birds provide clues for conservation. *VLIZ Special Publication*, 19, 381-392, 2005. [Restoration]
- (1245) ZAIKOWSKI, L.; MCDONNELL, K.T.; ROCKWELL, R.F.; RISPOLI, F. Temporal and spatial variations in water quality on New York South Shore Estuary tributaries: Carmans, Patchogue, and Swan Rivers. *Estuaries and Coasts*, 31(1), 85-100, 2008. [Dissolved oxygen; hypoxia; anthropogenic physical modifications]

Section 10: Non-indigenous Species

- (1246) ABOLLO, E.; RAMILO, A.; CASAS, S.M.; COMESANA, P.; CAO, A.; CARBALLAL, M.J.; VILLALBA, A. First detection of the protozoan parasite *Bonamia exitiosa* (Haplosporidia) infecting flat oyster *Ostrea edulis* grown in European waters. *Aquaculture*, 274(2-4), 201-207, 2008.
- (1247) ALMANZI, K.N.; ELDRIDGE, P.M. A dynamic model of an estuarine invasion by a non-native seagrass. *Estuaries and Coasts*, 31(1), 163-176, 2008.
- (1248) ARONSON, R.B.; THATJE, S.; CLARKE, A.; PECK, L.S.; BLAKE, D.B.; WILGA, C.D.; SEIBEL, B.A. Climate change and invasibility of the Antarctic benthos. *Annual Review of Ecology, Evolution, and Systematics*, 38, 129-154, 2007.
- (1249) BROUSSEAU, D.J.; MURPHY, A.E.; ENRIQUEZ, N.P.; GIBBONS, K. Foraging by two estuarine fishes, *Fundulus heteroclitus* and *Fundulus majalis*, on juvenile Asian shore crabs (*Hemigrapsus sanguineus*) in Western Long Island Sound. *Estuaries and Coasts*, 31(1), 144-151, 2008.
- (1250) BUTTGER, H.; ASMUS, H.; ASMUS, R.; BUSCHBAUM, C.; DITTMANN, S.; NEHLS, G. Community dynamics of intertidal soft-bottom mussel beds over two decades. *Helgoland Marine Research*, 62(1), 23-36, 2008. [Crassostrea gigas; Sylt]
- (1251) CASAS, G.N.; PIRIZ, M.L.; PARODI, E.R. Population features of the invasive kelp *Undaria pinnatifida* (Phaeophyceae: Laminariales) in Nuevo Gulf (Patagonia, Argentina). *Journal of the Marine Biological Association of the United Kingdom*, 88(1), 21-28, 2008.
- (1252) CHATTERJEE, R. Screening out legal invaders. *Environmental Science and Technology*, 42(4), 985-989, 2008.
- (1253) COLLIE, J.; ANDERSON, J.; VALENTINE, P.; BLACK, J. A small hotspot of benthic biodiversity on the northwest Atlantic continental shelf. *ICES Council Meeting Papers*, C.M. 2006/D:13, 24p., 2006. [Threats; oil and gas development; trawling; invasive species] Available at: <http://www.ices.dk/products/Cmdocs/2006/cm2006.pdf>.
- (1254) COUCEIRO, L.; MIGUEZ, A.; RUIZ, J.M.; BARREIRO, R. Introduced status of *Cyclope neritea* (Gastropoda, Nassariidae) in the NW Iberian Peninsula confirmed by mitochondrial sequence data. *Marine Ecology Progress Series*, 141-146, 2008.
- (1255) DUPONT, L.; VIARD, F.; DAVID, P.; BISHOP, J.D.D. Combined effects of bottlenecks and selfing in populations of *Corella eumyota*, a recently introduced sea squirt in the English Channel. *Diversity and Distributions*, 13(6), 808-817, 2007.
- (1256) EAMES, I.; LANDERYOU, M.; GREIG, A.; SNELLINGS, J. Continuous flushing of contaminants from ballast water tanks. *Marine Pollution Bulletin*, 56(2), 250-260, 2008.
- (1257) GALIL, B.S. Shipwrecked - shipping impacts on the biota of the Mediterranean Sea. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.39-69. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10) [PAHs; oil; antifoulants; TBT; alien species; ship-generated noise; litter; oil; PAHs; tar]
- (1258) GALIL, B.S.; MINCHIN, D. Snakes and ladders: navigable waterways as invasion corridors. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.71-75. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10)
- (1259) GLIBERT, P.M.; ALEXANDER, J.; MERITT, D.W.; NORTH, E.W.; STOECKER, D.K. Harmful algae pose additional challenges for oyster restoration: impacts of the harmful algae *Karlodinium veneficum* and *Prorocentrum minimum* on early life stages of the oysters *Crassostrea virginica* and *Crassostrea ariakensis*. *Journal of Shellfish Research*, 26(4), 919-925, 2007.

- (1260) GRANBERG, M.E.; GUNNARSSON, J.S.; HEDMAN, J.E.; ROSENBERG, R.; JONSSON, P. Bioturbation-driven release of organic contaminants from Baltic Sea sediments mediated by the invading polychaete *Marenzelleria neglecta*. *Environmental Science and Technology*, 42(4), 1058-1065, 2008. [HCB; HCHs; DDTs; PCBs; CB-28; CB-52; CB-101; CB-118; CB-138; CB-153; CB-180]
- (1261) GREN, I.-M. Economics of alien invasive species management - choices of targets and policies. *Boreal Environment Research*, 13(Supplement A), 17-32, 2008.
- (1262) HUANG, H.-M.; ZHANG, L.-Q.; GUAN, Y.-J.; WANG, D.-H. A cellular automata model for population expansion of *Spartina alterniflora* at Jiuduansha Shoals, Shanghai, China. *Estuarine, Coastal and Shelf Science*, 77(1), 47-55, 2008.
- (1263) KLEIN, J.; VERLAQUE, M. The *Caulerpa racemosa* invasion: a critical review. *Marine Pollution Bulletin*, 56(2), 205-225, 2008.
- (1264) LABA, M.; DOWNS, R.; SMITH, S.; WELSH, S.; NEIDER, C.; WHITE, S.; RICHMOND, M.; PHILPOT, W.; BAVEYE, P. Mapping invasive wetland plants in the Hudson River National Estuarine Research Reserve using quickbird satellite imagery. *Remote Sensing of Environment*, 112(1), 286-300, 2008.
- (1265) LAKKIS, S. Dataset and database biodiversity of plankton community in Lebanese seawater (Levantine Basin, East Mediterranean). *VLIZ Special Publications*. Vlaams Instituut voor de Zee, 37, 99-112, 2007.
- (1266) MANN, R. The local costs to ecological services associated with high seas global transport. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.25-38. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10)
- (1267) MEYER, A.; BLEIDORN, C.; ROUSE, G.W.; HAUSEN, H. Morphological and molecular data suggest a cosmopolitan distribution of the polychaete *Proscoplos cygnochaetus* Day, 1954 (Annelida, Orbiniidae). *Marine Biology*, 153(5), 879-889, 2008. [Roscoff]
- (1268) MIESZKOWSKA, N.; LEAPER, R.; HILL, J.; SOUTHWARD, A.J.; HAWKINS, S.J. The effects of climate change on intertidal species. In: Casebow, A., (editor). *Planet Guernsey: towards a sustainable future*. p.44-45. Guernsey Climate Change Partnership, 2007. Available at: http://www.mba.ac.uk/nmb/ereports/planet_guernsey.pdf.
- (1269) MINCHIN, D. The transport and the spread of living aquatic species. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.77-97. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10)
- (1270) MINCHIN, D.; FLOERL, O.; SAVINI, D.; OCCHIPINTI-AMBROGI, A. Small craft and the spread of exotic species. In: Davenport, J.; Davenport, J.L., (editors). *The ecology of transportation: managing mobility for the environment*. p.99-118. Dordrecht, The Netherlands: Springer, 2006. (Environmental Pollution Volume 10)
- (1271) MITCHELL, R.J.; MORECROFT, M.D.; ACREMAN, M.; CRICK, H.Q.P.; FROST, M.; HARLEY, M.; MACLEAN, I.M.D.; MOUNTFORD, O.; PIPER, J.; PONTIER, H.; REHFISCH, M.M.; ROSS, L.C.; SMITHERS, R.J.; STOTT, A.; WALMSLEY, C.A.; WATTS, O.; WILSON, E. England Biodiversity Strategy - towards adaptation to climate change. Final report to Defra. xv, 177p. DEFRA, 2007. (Contract No. CR0327) [Including coasts and seas] Available at: <http://sabella.mba.ac.uk/2301/>.
- (1272) MURPHY, K.R.; FIELD, M.P.; WAITE, T.D.; RUIZ, G.M. Trace elements in ships' ballast water as tracers of mid-ocean exchange. *Science of the Total Environment*, 393(1), 11-26, 2008. [Ba; Mn; P]

- (1273) OLDEN, J.D.; HOGAN, Z.S.; VANDER ZANDEN, M.J. Small fish, big fish, red fish, blue fish: size-biased extinction risk of the world's freshwater and marine fishes. *Global Ecology and Biogeography*, 16(6), 694-701, 2007.
- (1274) PERNET, B.; DECONINCK, A.; LLABAN, A.; ARCHIE, J.W. Evaluating risks associated with transport of the ghost shrimp *Neotrypaea californiensis* as live bait. *Marine Biology*, 153(6), 1127-1140, 2008. [Introduction of lone cornuta]
- (1275) REISE, K.; HERRE, E.; STURM, M. Mudflat biota since the 1930s: change beyond return? *Helgoland Marine Research*, 62(1), 13-22, 2008. [Sylt; eutrophication; alien species]
- (1276) REISE, K.; VAN BEUSEKOM, J.E.E. Interactive effects of global and regional change on a coastal ecosystem. *Helgoland Marine Research*, 62(1), 85-91, 2008. [*Crassostrea gigas*; *Ensis americanus*; nutrients; *Spartina anglica*; *Crepidula fornicata*; *Molgula manhattensis*; *Styela clava*]
- (1277) RICE, J. The Global Marine Biodiversity Agenda, Fisheries Science, and ICES Advice. ICES Council Meeting Papers, C.M. 2006/R:2, 28p., 2006. Available at: <http://www.ices.dk/products/Commandocs/2006/cm2006.pdf>.
- (1278) SCHEIBLING, R.E.; LYONS, D.A.; SUMI, C.B.T. Grazing of the invasive alga *Codium fragile* ssp. *tomentosoides* by the common periwinkle *Littorina littorea*: effects of thallus size, age and condition. *Journal of Experimental Marine Biology and Ecology*, 355(2), 103-113, 2008.
- (1279) SENANAN, W.; TANGKROCK-OLAN, N.; PANUTRAKUL, S.; BARNETTE, P.; WONGWIWATANAWUTE, C.; NIPHONKIT, N.; ANDERSON, D.J. The presence of the Pacific whiteleg shrimp (*Litopenaeus vannamei*, Boone, 1931) in the wild in Thailand. *Journal of Shellfish Research*, 26(4), 1187-1192, 2007.
- (1280) STACHOWICZ, J.J.; BRUNO, J.F.; DUFFY, J.E. Understanding the effects of marine biodiversity on communities and ecosystems. *Annual Review of Ecology, Evolution, and Systematics*, 38, 739-766, 2007. [Including resistance to invasion]
- (1281) THIELTGES, D.W.; HUSSEL, B.; HERMANN, J.; JENSEN, K.T.; KRAKAU, M.; TARASCHEWSKI, H.; REISE, K. Parasites in the northern Wadden Sea: a conservative ecosystem component over 4 decades. *Helgoland Marine Research*, 62(1), 37-47, 2008.
- (1282) TWEEDLEY, J.R.; JACKSON, E.L.; ATTRILL, M.J. *Zostera marina* seagrass beds enhance the attachment of the invasive alga *Sargassum muticum* in soft sediments. *Marine Ecology Progress Series*, 354, 305-309, 2008. [Salcombe]
- (1283) VAN BEUSEKOM, J.E.E.; REISE, K. Long-term ecological change in the northern Wadden Sea. [Editorial]. *Helgoland Marine Research*, 62(1), 1-2, 2008.
- (1284) VAN BEUSEKOM, J.E.E.; REISE, K., (EDITORS). Long-term ecological change in the Northern Wadden Sea. *Helgoland Marine Research*, 62(1), 1-91, 2008.
- (1285) WILLIAMS, S.L.; GROSHOLZ, E.D. The invasive species challenge in estuarine and coastal environments: marrying management and science. *Estuaries and Coasts*, 31(1), 3-20, 2008. [Caulerpa; Spartina]
- (1286) WILLIAMS, S.L.; SMITH, J.E. A global review of the distribution, taxonomy, and impacts of introduced seaweeds. *Annual Review of Ecology, Evolution, and Systematics*, 38, 327-359, 2007.
- (1287) ZARDI, G.I.; NICASTRO, K.R.; MCQUAID, C.D.; ERLANDSSON, J. Sand and wave induced mortality in invasive (*Mytilus galloprovincialis*) and indigenous (*Perna perna*) mussels. *Marine Biology*, 153(5), 853-858, 2008.