

ISSN 1742-7614 (online)

Marine Pollution Research Titles

Vol. 35 No. 10 October 2008

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Volume 35: January - December 2008:
£120 Available online

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

- (3043) ARHONDITSIS, G.B.; PAPANTOU, D.; ZHANG, W.; PERHAR, G.; MASSOS, E.; SHI, M. Bayesian calibration of mechanistic aquatic biogeochemical models and benefits for environmental management. *Journal of Marine Systems*, 73(1/2), 8-30, 2008. [Eutrophication; nutrients]
- (3044) BASTYAN, G.R.; CAMBRIDGE, M.L. Transplantation as a method for restoring the seagrass *Posidonia australis*. *Estuarine, Coastal and Shelf Science*, 79(2), 289-299, 2008. [Eutrophication; sediment erosion; bioturbation]
- (3045) CAMPO, S., (ET AL). Hemoglobin system of *Sparus aurata*: changes in fishes farmed under extreme conditions. *Science of the Total Environment*, 403(1-3), 148-153, 2008. [Hypoxia]
- (3046) CHERUBIN, L.M.; KUCHINKE, C.P.; PARIS, C.B. Ocean circulation and terrestrial runoff dynamics in the Mesoamerican region from spectral optimization of SeaWiFS data and a high resolution simulation. *Coral Reefs*, 27(3), 503-519, 2008.
- (3047) CHRISTIAN, F.; ARTURAS, R.; SAULIUS, G.; GEORG, U.; LINA, B. Hydraulic regime-based zonation scheme of the Curonian Lagoon. *Hydrobiologia*, 611, 133-146, 2008. [Residence times]
- (3048) CHUNG, P.P.; HYNNE, R.V.; MANN, R.M.; BALLARD, J.W.O. Genetic and life-history trait variation of the amphipod *Melita plumulosa* from polluted and unpolluted waterways in eastern Australia. *Science of the Total Environment*, 403(1-3), 222-229, 2008.
- (3049) COLEMAN, M.A.; KELAHER, B.P.; STEINBERG, P.D.; MILLAR, A.J.K. Absence of a large brown macroalga on urbanized rocky reefs around Sydney, Australia, and evidence for historical decline. *Journal of Phycology*, 44(4), 897-901, 2008.
- (3050) COUCH, C.S.; MYDLARZ, L.D.; HARVELL, C.D.; DOUGLAS, N.L. Variation in measures of immunocompetence of sea fan coral, *Gorgonia ventalina*, in the Florida Keys. *Marine Biology*, 155(3), 281-292, 2008. [Environmental stress]
- (3051) CUNHA, S.R.; GONCALVES, R.; SILVA, S.R.; CORREIRA, A.D. An automated marine biomonitoring system for assessing water quality in real-time. *Ecotoxicology*, 17(6), 558-564, 2008. [Hypoxia]
- (3052) DAY, V.; PAXINOS, R.; EMMETT, J.; WRIGHT, A.; GOECKER, M. The Marine Planning Framework for South Australia: a new ecosystem-based zoning policy for marine management. *Marine Policy*, 32(4), 535-543, 2008.
- (3053) DEVLIN, M.J.; BARRY, J.; MILLS, D.K.; GOWEN, R.J.; FODEN, J.; SIVYER, D.; TETT, P. Relationships between suspended particulate material, light attenuation and Secchi depth in UK marine waters. *Estuarine, Coastal and Shelf Science*, 79(3), 429-439, 2008. [Eutrophication]
- (3054) DIAZ, R.J.; ROSENBERG, R. Spreading dead zones and consequences for marine ecosystems. *Science*, 321(5891), 926-929, 2008. [Review; eutrophication; riverine runoff; fertilizers; fossil fuels; hypoxia]
- (3055) FERRERO, T.J.; DEBENHAM, N.J.; LAMBSHEAD, P.J.D. The nematodes of the Thames estuary: assemblage structure and biodiversity, with a test of Attrill's linear model. *Estuarine, Coastal and Shelf Science*, 79(3), 409-418, 2008. [Recovery from pollution]
- (3056) GUNER-OZBEK, M.D. The carriage of dangerous goods by sea. *Hamburg studies on maritime affairs*, 12, 378p., 2008.

- (3057) HERMAND, R.; SALEN-PICARD, C.; ALLIOT, E.; DEGIOVANNI, C. Macrofaunal density, biomass and composition of estuarine sediments and their relationship to the river plume of the Rhone River (NW Mediterranean). *Estuarine, Coastal and Shelf Science*, 79(3), 367-376, 2008. [Terrestrial inputs; organic enrichment]
- (3058) HOTARD, S.; ZOU, E. Activity of glutathione S-transferase in the hepatopancreas is not influenced by the molting cycle in the fiddler crab, *Uca pugilator*. *Bulletin of Environmental Contamination and Toxicology*, 81(3), 242-244, 2008. [20-hydroxyecdysone; organic pollution biomarker]
- (3059) HRADECKY, K.; KETCHESON, K. Selection of aquatic toxicity criteria for environmental emergency (E2) planning. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 163-168, 2008.
- (3060) HUSSEIN, N.R. Ecological indices as a tool for assessment eutrophication problems in Alexandria's coastal water, Egypt. *Egyptian Journal of Aquatic Research*, 34(1), 86-107, 2008. [Nutrients]
- (3061) ISHII, H.; OHBA, T.; KOBAYASHI, T. Effects of low dissolved oxygen on planula settlement, polyp growth and asexual reproduction of *Aurelia aurita*. *Plankton and Benthos Research*, 3(Suppl.), 107-113, 2008. [Hypoxia; eutrophication; coastal modification]
- (3062) JANOWICZ, M.; WELLS, P.; NOVACZEK, I.; TREMBLAY, D. The power of shared responsibility: enabling community action to address land-based pollution of Atlantic Canada's coastal waters. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 37-51, 2008.
- (3063) JONES, A.M.; CANTIN, N.E.; BERKELMANS, R.; SINCLAIR, B.; NEGRI, A.P. A 3D modeling method to calculate the surface areas of coral branches. *Coral Reefs*, 27(3), 521-526, 2008.
- (3064) JONES, M.M.; DEVEAUX, S.; DOVE, S.; TOMIE, J. Asymmetries in skeletal elements of mummichogs (*Fundulus heteroclitus*) as indicators of environmental stress. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 234-246, 2008. [Ecosystem health]
- (3065) KAR, S.K.; KAR, C.S. Biodiversity resources of Bhitarkanika mangrove ecosystem: its' significance and threats. In: Gupta, N.; Mahapatra, A.K., (editors). *Proceedings of the symposium wetland and mangrove biodiversity in Orissa Coast, 5th April, 2008*. p.13-16. Bhubaneswar, India: Regional Plant Resource Centre, 2008.
- (3066) KIDD, K.A.; JARVIS, R.A.; HAYA, K.; DOE, K.; BURRIDGE, L.E., (EDITORS). *Proceedings of the 34th Annual Aquatic Toxicity Workshop: September 30 to October 3, 2007, Halifax, Nova Scotia*. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), xviii, 273p., 2008.
- (3067) LABRUNE, C.; GREMARE, A.; AMOUROUX, J.-M.; SARDA, R.; GIL, J.; TABOADA, S. Structure and diversity of shallow soft-bottom benthic macrofauna in the Gulf of Lions (NW Mediterranean). *Helgoland Marine Research*, 62(3), 201-214, 2008.
- (3068) LIN, J.; XU, H.; CUDABACK, C.; WANG, D. Inter-annual variability of hypoxic conditions in a shallow estuary. *Journal of Marine Systems*, 73(1/2), 169-184, 2008. [Hypoxia; nutrients; water quality; BOD]
- (3069) LUNDGREEN, K.; KIILLERICH, P.; TIPSMARK, C.K.; MADSEN, S.S.; JENSEN, F.B. Physiological response in the European flounder (*Platichthys flesus*) to variable salinity and oxygen conditions. *Journal of Comparative Physiology B*, 178(7), 909-915, 2008.
- (3070) MARHAVER, K.L.; EDWARDS, R.A.; ROHWER, F. Viral communities associated with healthy and bleaching corals. *Environmental Microbiology*, 10(9), 2277-2286, 2008.

- (3071) MASTROTOTARO, F.; D'ONGHIA, G.; TURSI, A. Spatial and seasonal distribution of ascidians in a semi-enclosed basin of the Mediterranean Sea. *Journal of the Marine Biological Association of the United Kingdom*, 88(5), 1053-1061, 2008.
- (3072) MEIJERINK, S. Explaining continuity and change in international policies issue linkage, venue change, and learning on policies for the river Scheldt estuary 1967 - 2005. *Environment and Planning A*, 40(4), 848-866, 2008.
- (3073) MISTRI, M.; MUNARI, C.; MARCHINI, A. The fuzzy index of ecosystem integrity (FINE): a new index of environmental integrity for transitional ecosystems. *Hydrobiologia*, 611, 81-90, 2008. [Environmental quality]
- (3074) MOORE, J. Survey of the rocky shores in the region of Sullom Voe, Shetland, July/August 2007. v, 28p. Aberdeen: Shetland Oil Terminal Environmental Advisory Group, 2007.
- (3075) MOYA, J.; ITKIN, C.; SELEVAN, S.G.; ROGERS, J.W.; CLICKNER, R.P. Estimates of fish consumption rates for consumers of bought and self-caught fish in Connecticut, Florida, Minnesota, and North Dakota. *Science of the Total Environment*, 403(1-3), 89-98, 2008.
- (3076) NAIK, P.K. Conservation of endangered flora and fauna of Chilika Lake. *Current Science*, 94(4), 428-429, 2008.
- (3077) NIEMIRYCYZ, E.; NICHTHAUSER, J.; STANISZEWSKA, M.; NALECZ-JAWECKI, G.; BOLALEK, J. The Microtox biological test: application in toxicity evaluation of surface waters and sediments in Poland. *Oceanological and Hydrobiological Studies*, 36(4), 151-163, 2007.
- (3078) PARSONS, G.R.; THUR, S.M. Valuing changes in the quality of coral reef ecosystems: a stated preference study of scuba diving in the Bonaire National Marine Park. *Environmental and Resource Economics*, 40(4), 593-608, 2008.
- (3079) PEDERSEN, T.M.; HANSEN, J.L.S.; JOSEFSON, A.B.; HANSEN, B.W. Mortality through ontogeny of soft-bottom marine invertebrates with planktonic larvae. *Journal of Marine Systems*, 73(1/2), 185-207, 2008. [Hypoxia; nutrient load]
- (3080) QUINTANEIRO, C.; QUERIDO, D.; MONTEIRO, M.; GUILHERMINO, L.; MORGADO, F.; SOARES, A.M.V.M. Transport and acclimation conditions for the use of an estuarine fish (*Pomatoschistus microps*) in ecotoxicity bioassays: effects on enzymatic biomarkers. *Chemosphere*, 71(10), 1803-1808, 2008.
- (3081) ROBERTS, J. Marine environment protection and biodiversity conservation. The application and future development of the IMO's Particularly Sensitive Sea Area concept. xxi, 288p. Berlin: Springer, 2007.
- (3082) ROBINSON, C.; LI, L.; BARRY, D.A. Effect of tidal forcing on a subterranean estuary. *Advances in Water Resources*, 30(4), 851-865, 2007. [Pollution dispersion]
- (3083) SARKAR, S.K. Dolphins in Chilika Lake - endangered due to tourist activities. *Journal of Indian Ocean Studies*, 15(2), 283-291, 2007.
- (3084) SARKAR, S.K.; CHATTERJEE, M. Threats to marine mammals - a global perspective. *Journal of Indian Ocean Studies*, 15(3), 412-424, 2007.
- (3085) SHEN, J.; WANG, T.; HERMAN, J.; MASON, P.; ARNOLD, G.L. Hypoxia in a coastal embayment of the Chesapeake Bay: a model diagnostic study of oxygen dynamics. *Estuaries and Coasts*, 31(4), 652-663, 2008.

- (3086) SHOJI, J. Non-size-selective predation on fish larvae by moon jellyfish *Aurelia aurita*. *Plankton and Benthos Research*, 3(Suppl.), 114-117, 2008. [Hypoxia]
- (3087) SINGH, A.; MEE, L. Examination of policies and MEAs commitment by SIDS for sustainable management of the Caribbean Sea. *Marine Policy*, 32(3), 274-282, 2008. [Review]
- (3088) SMITH, J.P.; OKTAY, S.D.; KADA, J.; OLSEN, C.R. Iodine-131: a potential short-lived, wastewater-specific particle tracer in an urbanized estuarine system. *Environmental Science and Technology*, 42(15), 5435-5440, 2008. [Cu; Pb; organic carbon]
- (3089) SOLE, M.; LOBERA, G.; ALJINOVIC, B.; RIOS, J.; GARCIA DE LA PARRA, L.M.; MAYNOU, F.; CARTES, J.E. Cholinesterases activities and lipid peroxidation levels in muscle from shelf and slope dwelling fish from the NW Mediterranean: its potential use in pollution monitoring. *Science of the Total Environment*, 402(2/3), 306-317, 2008.
- (3090) SONG, Y.-H. The potential marine pollution threat from oil and gas development activities in the disputed South China Sea/Spratly Area: a role that Taiwan can play. *Ocean Development and International Law*, 39(2), 150-177, 2008.
- (3091) SPECCHIULLI, A.; FOCARDI, S.; RENZI, M.; SCIROCCO, T.; CILENTI, L.; BREBER, P.; BASTIANONI, S. Environmental heterogeneity patterns and assessment of trophic levels in two Mediterranean lagoons: Orbetello and Varano, Italy. *Science of the Total Environment*, 402(2/3), 285-298, 2008. [Eutrophication; nutrients]
- (3092) SUKUMARAN, S.; GEORGE, R.M.; KASINATHAN, C. Biodiversity and community structure of coral reefs around Krusadai Island, Gulf of Mannar, India. *Indian Journal of Fisheries*, 54(3), 275-282, 2007.
- (3093) TAKADA, Y.; ABE, O.; SHIBUNO, T. Cryptic assemblages in coral-rubble interstices along a terrestrial-sediment gradient. *Coral Reefs*, 27(3), 665-675, 2008. [Environmental gradients; turbidity; sedimentation]
- (3094) THRONSON, A.; QUIGG, A. Fifty-five years of fish kills in coastal Texas. *Estuaries and Coasts*, 31(4), 802-813, 2008. [Hypoxia; eutrophication; nutrients; industrialization; urbanization]
- (3095) TORRES, M.A.; BARROS, M.P.; CAMPOS, S.C.G.; PINTO, E.; RAJAMANI, S.; SAYRE, R.T.; COLEPICCOLO, P. Biochemical biomarkers in algae and marine pollution: a review. *Ecotoxicology and Environmental Safety*, 71(1), 1-15, 2008.
- (3096) TSENG, L.-C.; KUMAR, R.; DAHMS, H.-U.; CHEN, C.-T.; SOUISSI, S.; CHEN, Q.-C.; HWANG, J.-S. Copepod community structure over a marine outfall area in the north-eastern South China Sea. *Journal of the Marine Biological Association of the United Kingdom*, 88(5), 955-966, 2008. [Sewage abatement]
- (3097) UGGLA, Y. Environmental protection and the freedom of the high seas: the Baltic Sea as a PSSA from a Swedish perspective. *Marine Policy*, 31(3), 251-257, 2007. [Oil spills]
- (3098) VAGNER, M.; LEFRANCOIS, C.; FERRARI, R.S.; SATTA, A.; DOMENICI, P. The effect of acute hypoxia on swimming stamina at optimal swimming speed in flathead grey mullet *Mugil cephalus*. *Marine Biology*, 155(2), 183-190, 2008.
- (3099) WELLS, P.G. Navigating new waters in aquatic toxicology: the challenges of assessing and protecting the health of aquatic ecosystems in Canada. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 1-27, 2008.

(3100) WU, J.; WANG, J. Impacts of pollution from different sources on ecological quality of a multiple-use coast. *Water, Air, and Soil Pollution*, 193(1-4), 25-35, 2008.

(3101) YADAV, K. Slow poisoning of Indian waters. *Journal of Indian Ocean Studies*, 15(2), 270-282, 2007.

(3102) YUAN, D.; LIN, B.; FALCONER, R.A.; TAO, J. Development of an integrated model for assessing the impact of diffuse and point source pollution on coastal waters. *Environmental Modelling and Software*, 22(6), 871-879, 2007. [Nutrient loading]

Section 2: Petroleum Hydrocarbons

- (3103) ALMEIDA, C.M.R.; MUCHA, A.P.; DELGADO, M.F.C.; CACADOR, M.I.; BORDALO, A.A.; VASCONCELOS, M.T.S.D. Can PAHs influence Cu accumulation by salt marsh plants? *Marine Environmental Research*, 66(3), 311-318, 2008.
- (3104) BOUFADEL, M.C.; DU, K.; KAKU, V.; WEAVER, J. Lagrangian simulation of oil droplets transport due to regular waves. *Environmental Modelling and Software*, 22(7), 978-986, 2007.
- (3105) CHEESEMAN, K.; HELLOU, J.; DESNOYERS, E.; GRONDLUND, A.; JOHNSTON, D.; LEONARD, J.; MARKLEVITZ, S.; PARSONS, A.; ROBINSON, B.; ROBERTSON, S. Bioavailability helps explain cause-effect relationships between contaminants-behaviour. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 150-156, 2008. [Fluoranthene; phenanthrene; pyrene; PAH]
- (3106) CHRISTENSEN, K.E. Observations of fuel transport on sea ice from two fuel release events, with relevance to site assessment and closure. *Cold Regions Science and Technology*, 53(1), 92-101, 2008. [PAHs]
- (3107) CINCINELLI, A.; MARTELLINI, T.; BITTONI, L.; RUSSO, A.; GAMBARO, A.; LEPRI, L. Natural and anthropogenic hydrocarbons in the water column of the Ross Sea (Antarctica). *Journal of Marine Systems*, 73(1/2), 208-220, 2008. [Aromatic hydrocarbons; n-alkanes; PAH]
- (3108) DING, X.; WANG, X.-M.; XIE, Z.-O.; XIANG, C.-H.; MAI, B.-X.; SUN, L.-G.; ZHENG, M.; SHENG, G.-Y.; FU, J.-M.; POSCHL, U. Atmospheric polycyclic aromatic hydrocarbons observed over the North Pacific Ocean and the Arctic area: spatial distribution and source identification. *Atmospheric Environment*, 41(10), 2061-2072, 2007. [PAH]
- (3109) DUERI, S.; CASTRO-JIMENEZ, J.; COMENGES, J.-M.Z. On the use of the partitioning approach to derive Environmental Quality Standards (EQS) for persistent organic pollutants (POPs) in sediments: a review of existing data. *Science of the Total Environment*, 403(1-3), 23-33, 2008.
- (3110) ELMQUIST, M.; SEMILETOV, I.; GUO, L.; GUSTAFSSON, O. Pan-Arctic patterns in black carbon sources and fluvial discharges deduced from radiocarbon and PAH source apportionment markers in estuarine surface sediments. *Global Biogeochemical Cycles*, 22(2), GB2018, 2008.
- (3111) EZOE, S.; TAKAHASHI, K. Activity in utilizing of clean energy and background of development of fishing boat with hydrogen combustion engine. [In Japanese with English summary]. *Journal of National Fisheries University*, 56(4), 377-388, 2008. [Fossil fuels; alternative fuel]
- (3112) FERNANDES, D.; ANDREU-SANCHEZ, O.; BEBIANNO, M.J.; PORTE, C. Assessment of pollution along the Northern Iberian shelf by the combined use of chemical and biochemical markers in two representative fish species. *Environmental Pollution*, 155(2), 327-335, 2008. [PAHs; DDTs; PCBs; 4-nonylphenol; 4-tert-octylphenol; Prestige oil spill]
- (3113) GOANVEC, C.; THERON, M.; LACQUE-LABARTHE, T.; POIRIER, E.; GUYOMARCH, J.; LE-FLOCH, S.; LAROCHE, J.; NONNOTTE, L.; NONNOTTE, G. Flow cytometry for the evaluation of chromosomal damage in turbot *Psetta maxima* (L.) exposed to the dissolved fraction of heavy fuel oil in sea water: a comparison with classical biomarkers. *Journal of Fish Biology*, 73(2), 395-413, 2008.
- (3114) GUNAWICKRAMA, S.H.N.P.; AARSAETHER, N.; ORBEA, A.; CAJARAVILLE, M.P.; GOKSOYR, A. PCB77 (3,3',4,4'-tetrachlorobiphenyl) co-exposure prolongs CYP1A induction, and sustains oxidative stress in B(a)P-exposed turbot, *Scophthalmus maximus*, in a long-term study. *Aquatic Toxicology*, 89(2), 65-74, 2008. [Benzo(a)pyrene; PAH; PCB]

- (3115) HALLDORSSON, H.P.; DE PIRRO, M.; ROMANO, C.; SVAVARSSON, J.; SARA, G. Immediate biomarker responses to benzo[a]pyrene in polluted and unpolluted populations of the blue mussel (*Mytilus edulis* L.) at high-latitudes. *Environment International*, 34(4), 483-489, 2008.
- (3116) HEUBECK, M.; MELLOR, M. Ornithological monitoring programme. 2007 summary report. 36p. Aberdeen: Shetland Oil Terminal Environmental Advisory Group, 2007. [Bressay Sound; North Bressay; Hascosay; Bluemull; Colgrave Sounds; Southern Yell Sound; South Unst; Whiteness Voe; Skelda Ness]
- (3117) JONES, M.M.; DEVEAUX, S.; DOVE, S.; TOMIE, J. Asymmetries in skeletal elements of mummichogs (*Fundulus heteroclitus*) as indicators of environmental stress. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 234-246, 2008. [Ecosystem health]
- (3118) KANNAN, K.MOON, H.-B.; YUN, S.H.; AGUSA, T.; THOMAS, N.J.; TANABE, S. Chlorinated, brominated, and perfluorinated compounds, polycyclic aromatic hydrocarbons and trace elements in livers of sea otters from California, Washington, and Alaska (USA), and Kamchatka (Russia). *Journal of Environmental Monitoring*, 10(4), 552-558, 2008. [Chlordanes; DDTs; HCHs; PCBs; PBDEs; PAHs; PFCs; heavy metals]
- (3119) LEOTSINIDIS, M.; SAZAKLI, E. Evaluating contamination of dredges and disposal criteria in Greek coastal areas. *Chemosphere*, 72(5), 811-818, 2008. [Cd; Cr; Cu; Hg; Ni; Pb; Zn; PAHs; PCBs; dredging; dumping]
- (3120) LOUIZ, I.; KINANI, S.; GOUZE, M.-E.; BEN-ATTIA, M.; MENIF, D.; BOUCHONNET, S.; PORCHER, J.M.; BEN-HASSINE, O.K.; AIT-AISSA, S. Monitoring of dioxin-like, estrogenic and anti-androgenic activities in sediments of the Bizerta lagoon (Tunisia) by means of in vitro cell-based bioassays: contribution of low concentrations of polynuclear aromatic hydrocarbons (PAHs). *Science of the Total Environment*, 402(2/3), 318-329, 2008. [Benzo(a)pyrene; TCDD]
- (3121) MARTINEZ-GOMEZ, C.; BENEDICTO, J.; CAMPILLO, J.A.; MOORE, M. Application and evaluation of the neutral red retention (NRR) assay for lysosomal stability in mussel populations along the Iberian Mediterranean coast. *Journal of Environmental Monitoring*, 10(4), 490-499, 2008. [PAHs; PCBs; heavy metals]
- (3122) MARTINS, M.; FERREIRA, A.M.; VALE, C. The influence of *Sarcocornia fruticosa* on retention of PAHs in salt marsh sediments (Sado estuary, Portugal). *Chemosphere*, 71(8), 1599-1606, 2008.
- (3123) MOKAREMI ROSTAMI, A.; JAMILI, S.H.; KHOSHBAVAR ROSTAMI, H.A.; VOSOUGHI, G.; OSPOOEI, H. The effects of creosote on mortality rate and blood biochemical factors of stellate sturgeon (*Acipenser stellatus*). [In Farsi with English summary]. *Iranian Scientific Fisheries Journal*, 16(1), 141-150, 2007.
- (3124) MOORE, J. Survey of the rocky shores in the region of Sullom Voe, Shetland, July/August 2007. v, 28p. Aberdeen: Shetland Oil Terminal Environmental Advisory Group, 2007.
- (3125) MORALES-CASELLES, C.; KALMAN, J.; MICAELLO, C.; FERREIRA, A.M.; VALE, C.; RIBA, I.; DELVALLS, T.A. Sediment contamination, bioavailability and toxicity of sediments affected by an acute oil spill: four years after the sinking of the tanker Prestige (2002). *Chemosphere*, 71(7), 1207-1213, 2008. [PAHs]
- (3126) MORALES-CASELLES, C.; MARTIN-DIAZ, M.L.; RIBA, I.; SARASQUETE, C.; DELVALLS, T.A. Sublethal responses in caged organisms exposed to sediments affected by oil spills. *Chemosphere*, 72(5), 819-825, 2008.

(3127) MULLER, B.; BERG, M.; YAO, Z.P.; ZHANG, X.F.; WANG, D.; PFLUGER, A. How polluted is the Yangtze river? Water quality downstream from the Three Gorges Dam. *Science of the Total Environment*, 402(2/3), 232-237, 2008. [Al; arsenic; B; Ba; Ca; Cd; Co; Cr; Cu; Fe; Hg; K; Li; Mg; Mn; Na; Ni; Pb; Sb; Se; Si; Sr; Ti; U; Zn; nutrients; PAHs; aldicarb; 2,4-D; deethylatrazine; diuron; deisopropylatrazine; hexazinon; isoproturon; MCPA]

(3128) RUSSELL, M.; WEBSTER, L.; WALSHAM, P.; PACKER, G.; DALGARNO, E.J.; MCINTOSH, A.D.; FRYER, R.J.; MOFFAT, C.F. Composition and concentration of hydrocarbons in sediment samples from the oil producing area of the East Shetland Basin, Scotland. *Journal of Environmental Monitoring*, 10(4), 559-569, 2008. [PAHs; alkanes; hopanes; steranes]

(3129) SHAHRIARI, M.; FROST, A. Oil spill cleanup cost estimation - developing a mathematical model for marine environment. *Process Safety and Environmental Protection*, 86(3), 189-197, 2008.

(3130) SONG, Y.-H. The potential marine pollution threat from oil and gas development activities in the disputed South China Sea/Spratly Area: a role that Taiwan can play. *Ocean Development and International Law*, 39(2), 150-177, 2008.

(3131) TORRES, M.A.; BARROS, M.P.; CAMPOS, S.C.G.; PINTO, E.; RAJAMANI, S.; SAYRE, R.T.; COLEPICOLO, P. Biochemical biomarkers in algae and marine pollution: a review. *Ecotoxicology and Environmental Safety*, 71(1), 1-15, 2008.

(3132) UGGLA, Y. Environmental protection and the freedom of the high seas: the Baltic Sea as a PSSA from a Swedish perspective. *Marine Policy*, 31(3), 251-257, 2007. [Oil spills]

(3133) VOTIER, S.C.; BIRKHEAD, T.R.; ORO, D.; TRINDER, M.; GRANTHAM, M.J.; CLARK, J.A.; MCCLEERY, R.H.; HATCHWELL, B.J. Recruitment and survival of immature seabirds in relation to oil spills and climate variability. *Journal of Animal Ecology*, 77(5), 974-983, 2008. [Skomer Island]

(3134) WHITE, H.K.; REDDY, C.M.; EGLINTON, T.I. Radiocarbon-based assessment of fossil fuel-derived contaminant associations in sediments. *Environmental Science and Technology*, 42(15), 5428-5434, 2008. [Creosote; DDT]

(3135) WU, J.; WANG, J. Impacts of pollution from different sources on ecological quality of a multiple-use coast. *Water, Air, and Soil Pollution*, 193(1-4), 25-35, 2008.

(3136) XU, G.-P. Chinese compensation legislation on natural resource damage caused by marine oil pollution. [In Chinese with English summary]. *Navigation in China*, 1, 20-23, 2008.

Section 3: Metals

- (3137) ABDALLAH, M.A.M. Trace element levels in some commercially valuable fish species from coastal waters of Mediterranean Sea, Egypt. *Journal of Marine Systems*, 73(1/2), 114-122, 2008. [Cd; Cr; Cu; Pb; Zn]
- (3138) ABTAHI, B.; BAHMANI, M.; SHARIFPOUR, E.; ESMAEILI SARI, A.; KAZEMI, R.; HALLAJIAN, A. Study of histopathological effect of environmental factors of Caspian Sea on sturgeon fishes. [In Farsi with English summary]. 55p. Tehran, Iran: IFRO, 2007. [Cd; Cu; Ni; Pb; V]
- (3139) AGORAMOORTHY, G.; CHEN, F.-A.; HXU, M.J. Threat of heavy metal pollution in halophytic and mangrove plants of Tamil Nadu, India. *Environmental Pollution*, 155(2), 320-326, 2008. [Cu; Fe; Hg; Mg; Mn; Pb; Sn; Zn]
- (3140) ALMEIDA, C.M.R.; MUCHA, A.P.; BORDALO, A.A.; VASCONCELOS, M.T.S.D. Influence of a salt marsh plant (*Halimione portulacoides*) on the concentrations and potential mobility of metals in sediments. *Science of the Total Environment*, 403(1-3), 188-195, 2008. [Cd; Cu; Pb; Zn; Fe]
- (3141) ALMEIDA, C.M.R.; MUCHA, A.P.; DELGADO, M.F.C.; CACADOR, M.I.; BORDALO, A.A.; VASCONCELOS, M.T.S.D. Can PAHs influence Cu accumulation by salt marsh plants? *Marine Environmental Research*, 66(3), 311-318, 2008.
- (3142) ARSLAN, Z.; SECOR, D.H. High resolution micromill sampling for analysis of fish otoliths by ICP-MS: effects of sampling and specimen preparation on trace element fingerprints. *Marine Environmental Research*, 66(3), 364-371, 2008. [Al; Bi; Cd; Co; Cu; Ga; Mn; Ni; Pb; V; Zn]
- (3143) BABAEI, H.; KHODAPARAST, S.H.; ABDINI, A. Contamination of sediments with heavy metals Cd, Cu, Fe, Pb in the east of Anzali Lagoon. [In Farsi with English summary]. *Iranian Scientific Fisheries Journal*, 16(1), 9-16, 2007.
- (3144) BELLAS, J.; FERNANDEZ, N.; LORENZO, I.; BEIRAS, R. Integrative assessment of coastal pollution in a ria coastal system (Galicia, NW Spain): correspondence between sediment chemistry and toxicity. *Chemosphere*, 72(5), 826-835, 2008. [Arsenic; Ba; Cd; Co; Cr; Cu; Mn; Ni; Pb; Rb; Sr; V; Zn]
- (3145) BIANCHI, V.; MASCIANDARO, G.; GIRALDI, D.; CECCANTI, B.; IANNELLI, R. Enhanced heavy metal phytoextraction from marine dredged sediments comparing conventional chelating agents (citric acid and EDTA) with humic substances. *Water, Air, and Soil Pollution*, 193(1-4), 323-333, 2008. [Cu; Zn]
- (3146) BORJA, A.; TUEROS, I.; BELZUNCE, M.J.; GALPARSORO, I.; GARMENDIA, J.M.; REVILLA, M.; SOLAUN, O.; VALENCIA, V. Investigative monitoring within the European Water Framework Directive: a coastal blast furnace slag disposal, as an example. *Journal of Environmental Monitoring*, 10(4), 453-462, 2008.
- (3147) BU-OLAYAN, A.H.; THOMAS, B.V.; HUSAINI, M.S. Trace metals toxicity to the body structures of mullet *Liza klunzingeri* (Mugilidae: Perciformes). *International Journal of Environmental Research*, 2(3), 249-254, 2008. [Arsenic; Cd; Fe; Ni]
- (3148) BUGGY, C.J.; TOBIN, J.M. Seasonal and spatial distribution of metals in surface sediment of an urban estuary. *Environmental Pollution*, 155(2), 308-319, 2008. [Tolka Estuary, Co. Dublin; Cd; Cu; Pb; Zn]

- (3149) CASAS, S.; GONZALEZ, J.-L.; ANDRAL, B.; COSSA, D. Relation between metal concentration in water and metal content of marine mussels *Mytilus galloprovincialis*: impact of physiology. *Environmental Toxicology and Chemistry*, 27(7), 1543-1552, 2008. [Cd; Cu; Hg; Pb]
- (3150) CASTRITSI-CATHARIOS, J.; BOURDANIOTIS, N.; PERSOONE, G. A new simple method with high precision for determining the toxicity of antifouling paints on brine shrimp larvae (*Artemia*): first results. *Chemosphere*, 67(6), 1127-1132, 2007. [Self Polishing (SPC) antifouling coating; Cu; Cu₂O; cuprous thiocyanate; dichlofluarid]
- (3151) CATARINO, A.I.; CABRAL, H.N.; PEETERS, K.; PERNET, P.; PUNJABI, U.; DUBOIS, P. Metal concentrations, sperm motility, and RNA/DNA ratio in two echinoderm species from a highly contaminated fjord (the Soerfjord, Norway). *Environmental Toxicology and Chemistry*, 27(7), 1553-1560, 2008. [Cd; Cu; Pb; Zn]
- (3152) CHUMBIMUNI-TORRES, K.Y.; CALVO-MARZAL, P.; WANG, J.; BAKKER, E. Electrochemical sample matrix elimination for trace-level potentiometric detection with polymeric membrane ion-selective electrodes. *Analytical Chemistry*, 80(15), 6114-6118, 2008. [Cd]
- (3153) COSTA, P.M.; REPOLHO, T.; CAEIRO, S.; DINIZ, M.E.; MOURA, I.; COSTA, M.H. Modelling metallothionein induction in the liver of *Sparus aurata* exposed to metal-contaminated sediments. *Ecotoxicology and Environmental Safety*, 71(1), 117-124, 2008. [Arsenic; Cd; Cu; Pb]
- (3154) CUMBEE, J.C.; GAINES, K.F.; MILLS, G.L.; GARVIN, N.; STEPHENS, W.L.; NOVAK, J.M.; BRISBIN, I.L. Clapper rails as indicators of mercury and PCB bioavailability in a Georgia saltmarsh system. *Ecotoxicology*, 17(6), 485-494, 2008. [Hg]
- (3155) CUNHA, L.; ARMARAL, A.; MEDEIROS, V.; MARTINS, G.M.; WALLENSTEIN, F.F.M.M.; COUTO, R.P.; NETO, A.I.; RODRIGUES, A. Bioavailable metals and cellular effects in the digestive gland of marine limpets living close to shallow water hydrothermal vents. *Chemosphere*, 71(7), 1356-1362, 2008. [Ca; Cd; Cs; Co; Cu; Fe; Hg; Mg; Mn; Pb; Rb; Se; Sr; Zn]
- (3156) DEHGHAN, MADISEH, S.; SAVARI, A.; PARHAM, H.; MARAMMAZY, J.G.; PAPAHN, F.; SABZALIZADEH, S. Heavy metals contaminant evaluation in sediments of Khour-e-Musa creeks, northwest of Persian Gulf. *Iranian Journal of Fisheries Sciences*, 7(2s), 137-156, 2008. [Cd; Co; Cu; Hg; Ni; Pb; Zn]
- (3157) FOROUGHIFARD, R.; ESMAELI SARI, A.; GHASEMPOURI, S.M. The correlation of length and weight of Kutum (*Rutilus frisii kutum*) in the central south of Caspian Sea with copper and zinc concentration in muscle and liver tissues. [In Farsi with English summary]. *Iranian Scientific Fisheries Journal*, 16(4), 121-128, 2008. [Cu; Zn]
- (3158) GONZALEZ, P.M.; ABELE, D.; PUNTARULO, S. Iron and radical content in *Mya arenaria* Possible cources of NO generation. *Aquatic Toxicology*, 89(2), 122-128, 2008. [German Wadden Sea; Fe]
- (3159) GUTIERREZ, T.; SHIMMIELD, T.; HAIDON, C.; BLACK, K.; GREEN, D.H. Emulsifying and metal ion binding activity of a glycoprotein exopolymer produced by *Pseudoalteromonas* sp. Strain TG12. *Applied and Environmental Microbiology*, 74(15), 4867-4876, 2008. [Bacteria isolated from Oban Bay; PE12; Al; Ba; Ca; Cu; Fe; Li; Mg; Mn; Sr; Zn]
- (3160) HRADECKY, K.; KETCHESON, K. Proposed amendments to environmental emergency regulations under section 200 of CEPA 1999. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 156-162, 2008.

- (3161) HUERTA-DIAZ, M.A.; DELGADILLO-HINOJOSA, F.; HERNANDEZ-AYON, M.; SEGOVIA-ZAVALA, J.A.; GARCIA-ESQUIVEL, Z.; LOPEZ-ZARATE, H.; SIQUEIROS-VALENCIA, A.; GALINDO-BECT, S. Diagnosis of trace metal contamination in sediments: the example of Ensenada and El Sauzal, two harbors in Baja California, Mexico. *Marine Environmental Research*, 66(3), 345-358, 2008. [Al; Cd; Co; Cu; Fe; Mn; Ni; Pb; Zn]
- (3162) JONES, M.M.; DEVEAUX, S.; DOVE, S.; TOMIE, J. Asymmetries in skeletal elements of mummichogs (*Fundulus heteroclitus*) as indicators of environmental stress. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 234-246, 2008. [Ecosystem health]
- (3163) KAMALA-KANNAN, S.; PRABHU DASS BATVARI, B.; LEE, K.J.; KANNAN, N.; KRISHNAMOORTHY, R.; SHANTHI, K.; JAYAPRAKASH, M. Assessment of heavy metals (Cd, Cr and Pb) in water, sediment and seaweed (*Ulva lactuca*) in the Pulicat Lake, South East India. *Chemosphere*, 71(7), 1233-1240, 2008.
- (3164) KANNAN, K.MOON, H.-B.; YUN, S.H.; AGUSA, T.; THOMAS, N.J.; TANABE, S. Chlorinated, brominated, and perfluorinated compounds, polycyclic aromatic hydrocarbons and trace elements in livers of sea otters from California, Washington, and Alaska (USA), and Kamchatka (Russia). *Journal of Environmental Monitoring*, 10(4), 552-558, 2008. [Chlordanes; DDTs; HCHs; PCBs; PBDEs; PAHs; PFCs; heavy metals]
- (3165) KARBASSI, A.R.; NOURI, J.; NABI BIDHENDI, G.R.; AYAZ, G.O. Behaviour of Cu, Zn, Pb, Ni and Mn during mixing of freshwater with the Caspian Sea water. *Desalination*, 229(1-3), 118-124, 2008.
- (3166) KHALIL, M.KH.; FARAGALLAH, H.M. The distribution of some leachable and total heavy metals in core sediments of Manzala lagoon, Egypt. *Egyptian Journal of Aquatic Research*, 34(1), 1-11, 2008. [Cd; Cu; Zn]
- (3167) KIM, G.B.; KANG, M.R.; KIM, J.W. Specific accumulation of heavy metals in squid collected from offshore Korean waters: preliminary results for offshore biomonitoring and food safety assessment. *Fisheries Science*, 74(4), 882-888, 2008. [Cd; Cu; Zn]
- (3168) KIM, J.H.; WANG, S.Y.; KIM, I.C.; KI, J.S.; RAISUDDIN, S.; LEE, J.S.; HAN, K.N. Cloning of a river pufferfish (*Takifugu obscurus*) metallothionein cDNA and study of its induction profile in cadmium-exposed fish. *Chemosphere*, 71(7), 1251-1259, 2008. [Cd]
- (3169) KOMAREK, M.; ETTLER, V.; CHRASTNY, V.; MIHALJEVIC, M. Lead isotopes in environmental sciences: a review. *Environment International*, 34(4), 562-577, 2008.
- (3170) LEE, K.W.; RAISUDDIN, S.; HWANG, D.S.; PARK, H.G.; DAHMS, H.U.; AHN, I.Y.; LEE, J.S. Two-generation toxicity study on the copepod model species *Tigriopus japonicus*. *Chemosphere*, 72(9), 1359-1365, 2008. [Arsenic-III; Arsenic-V; Cu;alachlor; endosulfan; molinate; 4-tert-butylphenol; PCB; TBT]
- (3171) LEOTSINIDIS, M.; SAZAKLI, E. Evaluating contamination of dredges and disposal criteria in Greek coastal areas. *Chemosphere*, 72(5), 811-818, 2008. [Cd; Cr; Cu; Hg; Ni; Pb; Zn; PAHs; PCBs; dredging; dumping]
- (3172) LEVY, J.L.; ANGEL, B.M.; STAUBER, J.L.; POON, W.L.; SIMPSON, S.L.; CHENG, S.H.; JOLLEY, D.F. Uptake and internalisation of copper by three marine microalgae: comparison of copper-sensitive and copper-tolerant species. *Aquatic Toxicology*, 89(2), 82-93, 2008. [Cu]
- (3173) LIN, C.W.; YEH, J.F.; KAO, T.C. Source characterization of total suspended particulate matter near a riverbed in Central Taiwan. *Journal of Hazardous Materials*, 157(2/3), 418-422, 2008. [Al; Ba; Ca; Cd; Co; Fe; K; Li; Mn; Na; Sr; Zn]

- (3174) MADKOUR, H.A.; MOHAMED, A.W.; AHAMED, A.E.-H.N. The impact of anthropogenic activities on the physical and chemical characteristics of surface sediments in some coastal lagoons along the Egyptian Red Sea coast. *Egyptian Journal of Aquatic Research*, 34(1), 53-68, 2008. [Cd; Cu; Fe; Pb; Zn]
- (3175) MARTIN-DIAZ, M.L.; JIMENEZ-TENORIO, N.; SALES, D.; DELVALLS, T.A. Accumulation and histopathological damage in the clam *Ruditapes philippinarum* and the crab *Carcinus maenas* to assess sediment toxicity in Spanish ports. *Chemosphere*, 71(10), 1916-1927, 2008. [Arsenic; Cd; Cr; Cu; Fe; Hg; Mn; Ni; Pb; Zn]
- (3176) MARTINEZ-GOMEZ, C.; BENEDICTO, J.; CAMPILLO, J.A.; MOORE, M. Application and evaluation of the neutral red retention (NRR) assay for lysosomal stability in mussel populations along the Iberian Mediterranean coast. *Journal of Environmental Monitoring*, 10(4), 490-499, 2008. [PAHs; PCBs; heavy metals]
- (3177) MENSI, G.S.; MOUKHA, S.; CREPPY, E.E.; MAAROUFI, K. Metals accumulation in marine bivalves and seawater from the Lagoon of Boughrara in Tunisia (North Africa). *International Journal of Environmental Research*, 2(3), 279-284, 2008. [Cd; Cr; Hg; Pb; Cu; Al]
- (3178) MOORE, J.GUBBINS, M.; GREWAR, G.; HARDING, M.; DAVIES, I. Surveys of dogwhelks *Nucella lapillus* in the vicinity of Sullom Voe, Shetland, August 2007. iv, 56p. Aberdeen: Shetland Oil Terminal Environmental Advisory Group, 2007. [Imposex; TBT]
- (3179) MORELLI, E.; FANTOZZI, L. Phytochelatins in the diatom *Phaeodactylum tricoratum* Bohlin: an evaluation of their use as biomarkers of metal exposure in marine waters. *Bulletin of Environmental Contamination and Toxicology*, 81(3), 236-241, 2008. [Cd; Cu; Pb; Zn]
- (3180) MULLER, B.; BERG, M.; YAO, Z.P.; ZHANG, X.F.; WANG, D.; PFLUGER, A. How polluted is the Yangtze river? Water quality downstream from the Three Gorges Dam. *Science of the Total Environment*, 402(2/3), 232-237, 2008. [Al; arsenic; B; Ba; Ca; Cd; Co; Cr; Cu; Fe; Hg; K; Li; Mg; Mn; Na; Ni; Pb; Sb; Se; Si; Sr; Ti; U; Zn; nutrients; PAHs; aldicarb; 2,4-D; deethylatrazine; diuron; deisopropylatrazine; hexazinon; isoproturon; MCPA]
- (3181) MURALIDHAR, M.; GUPTA, B.P. Quality of water discharge from shrimp hatcheries and its impact on the surrounding coastal environment. *Indian Journal of Fisheries*, 54(2), 189-194, 2007. [Arsenic; Cd; Cr; Cu; Fe; Hg; Mn; Ni; Zn; atrazine; carbofuran; DDT; dimethoate; HCH; endosulfan; carbofuran; BOD; COD; heptachlor; nutrients]
- (3182) NEJATKHAH, P.; NEGARESTAN, H.; AKBARY HAMED, N. Effects of zinc and copper exposure on growth and survival of *Artemia urmiana* and *Artemia franciscana*. [In Farsi with English summary]. *Iranian Scientific Fisheries Journal*, 16(3), 123-132, 2007. [Cu; Zn]
- (3183) NORDMYR, L.; OSTERHOLM, P.; ASTROM, M. Estuarine behaviour of metal loads leached from coastal lowland acid sulphate soils. *Marine Environmental Research*, 66(3), 378-393, 2008. [Al; Co; Cr; Cu; Fe; La; Mn; Ni; Ti; U; V; Zn]
- (3184) OLGUNOGLU, M.P.; POLAT, S. Trace metals in marine macroalgae samples from the Iskenderun Bay, Turkey. *Fresenius Environmental Bulletin*, 17(5), 589-595, 2008. [Cd; Cu; Fe; Pb]
- (3185) OLIVERO-VERBEL, J.; JOHNSON-RESTREPO, B.; BALDIRIS-AVILA, R.; GUETTE-FERNANDEZ, J.; MAGALLANES-CARREAZO, E.; VANEGAS-RAMIREZ, L.; KUNIIHIKO, N. Human and crab exposure to mercury in the Caribbean coastal shoreline of Colombia: impact from an abandoned chlor-alkali plant. *Environment International*, 34(4), 476-482, 2008. [Hg]

- (3186) OWESON, C.; SKOLD, H.; PINSINO, A.; MATRANGA, V.; HERNROTH, B. Manganese effects on haematopoietic cells and circulating coelomocytes of *Asterias rubens* (Linnaeus). *Aquatic Toxicology*, 89(2), 75-81, 2008. [Mn]
- (3187) PACYNA, J.M.; KREMER, H.; PIRRONE, N.; BARTHEL, K.-G., (EDITORS). Socioeconomic aspects of fluxes of chemicals into the marine environment: Scientific report of the workshop held at the Norwegian Institute for Air Research (NILU), Kjeller, Norway, 8-10 March, 1999. 246p. Luxembourg: European Communities, 2000.
- (3188) PADMINI, E.; GEETHA, B.V. A comparative seasonal pollution assessment study on the Ennore Estuary (India) with respect to metal accumulation in the grey mullet *Mugil cephalus*. *Oceanological and Hydrobiological Studies*, 36(4), 91-103, 2007. [Cd; Cr; Fe; Hg; Pb; Zn]
- (3189) PADULA, D.J.; DAUGHTRY, B.J.; NOWAK, B.F. Dioxins, PCBs, metals, metalloids, pesticides and antimicrobial residues in wild and farmed Australian southern bluefin tuna (*Thunnus maccoyii*). *Chemosphere*, 72(1), 34-44, 2008. [Cd; Cu; Hg; Pb; Sb; Sn; PCDD; PCDF]
- (3190) PAGLIARANI, A.; BANDIERA, P.; VENTRELLA, V.; TROMBETTI, F.; PIRINI, M.; NESCI, S.; BORGATTI, A.R. Tributyltin (TBT) inhibition of oligomycin-sensitive Mg-ATPase activity in mussel mitochondria. *Toxicology In Vitro*, 22(4), 827-836, 2008.
- (3191) PAN, K.; WANG, W.-X. Validation of biokinetic model of metals in the scallop *Chlamys nobilis* in complex field environments. *Environmental Science and Technology*, 42(16), 6285-6290, 2008. [Cd; Zn]
- (3192) POKROVSKY, O.S.; POKROVSKI, G.S.; FEURTET-MAZEL, A. A structural study of cadmium interaction with aquatic microorganisms. *Environmental Science and Technology*, 42(15), 5527-5533, 2008. [Cd]
- (3193) PUSTELNIKOVAS O.; DEMBSKA, G.; SZEFER, P.; RADKE, B.; BOLALEK, J. Distribution of migration (state) forms of microelements in the sediments of the ports of Klaipeda (Lithuania) and Gdansk (Poland). *Oceanological and Hydrobiological Studies*, 36(4), 129-149, 2007. [Cd; Cr; Cu; Ni; Pb; Zn]
- (3194) RADKE, B.; DEMBSKA, G.; AFTANAS, B.; KOWALCZYK, A.; BOLALEK, J. Spatial distribution of labile and total forms of copper and zinc in sediments from the Port of Gdansk (Poland). *Oceanological and Hydrobiological Studies*, 36(4), 79-89, 2007. [Cu; Zn]
- (3195) ROSEN, G.; RIVERA-DUARTE, I.; CHADWICK, D.B.; RYAN, A.; SANTORE, R.C.; PAQUIN, P.R. Critical tissue copper residues for marine bivalve (*Mytilus galloprovincialis*) and echinoderm (*Strongylocentrotus purpuratus*) embryonic development: conceptual, regulatory and environmental implications. *Marine Environmental Research*, 66(3), 327-336, 2008. [Cu]
- (3196) ROTHENBERG, S.A.; AMBROSE, R.F.; JAY, J.A. Evaluating the potential efficacy of mercury total maximum daily loads on aqueous methylmercury levels in four coastal watersheds. *Environmental Science and Technology*, 42(15), 5400-5406, 2008. [Hg]
- (3197) SAKATA, M.; ASAKURA, K. Evaluating relative contribution of atmospheric mercury species to mercury dry deposition in Japan. *Water, Air, and Soil Pollution*, 193(1-4), 51-63, 2008. [Hg]
- (3198) SELIN, N.E.; JACOB, D.J.; YANTOSCA, R.M.; STRODE, S.; JAEGLE, L.; SUNDERLAND, E.M. Global 3-D land-ocean-atmosphere model for mercury: present-day versus preindustrial cycles and anthropogenic enrichment factors for deposition. *Global Biogeochemical Cycles*, 22(2), GB2011, 2008. [Hg]

- (3199) SHARIFI, H.; LAGZAI, F.; VATANDOOST, M. A survey on lethal concentration of Cu and Pb in Caspian Sea kutum (*Rutilus frisii kutum*). [In Farsi with English summary]. *Iranian Scientific Fisheries Journal*, 16(4), 169-174, 2008.
- (3200) SHIMASAKI, Y.; OSHIMA, Y.; INOUE, Y.; SHIBATA, H.; NAKAYAMA, K.; INOUE, S.; IMOTO, H.; KANG, I.J.; HONJO, T. Distribution of tributyltin in tissues of mature Japanese whiting, *Sillago japonica* and their eggs. *Journal of the Faculty of Agriculture*, 53(1), 67-72, 2008. [TBT]
- (3201) SMITH, J.P.; OKTAY, S.D.; KADA, J.; OLSEN, C.R. Iodine-131: a potential short-lived, wastewater-specific particle tracer in an urbanized estuarine system. *Environmental Science and Technology*, 42(15), 5435-5440, 2008. [Cu; Pb; organic carbon]
- (3202) SOHRIN, Y.; URUSHIHARA, S.; NAKATSUKA, S.; KONO, T.; HIGO, E.; MINAMI, T.; NORISUYE, K.; UMETANI, S. Multielemental determination of GEOTRACES key trace metals in seawater by ICPMS after preconcentration using an ethylenediaminetriacetic acid chelating resin. *Analytical Chemistry*, 80(16), 6267-6273, 2008. [Al; Cd; Co; Cu; Fe; Mn; Ni; Pb; Zn]
- (3203) TORRES, M.A.; BARROS, M.P.; CAMPOS, S.C.G.; PINTO, E.; RAJAMANI, S.; SAYRE, R.T.; COLEPICOLO, P. Biochemical biomarkers in algae and marine pollution: a review. *Ecotoxicology and Environmental Safety*, 71(1), 1-15, 2008.
- (3204) TSUTSUMI, H. Reduction of manganese dioxide in the sediment and its negative impact on the physiology of clams on two sandy tidal flats, Midori River Tidal Flat and Arao Tidal Flat, in Ariake Bay. *Plankton and Benthos Research*, 3(2), 64-71, 2008. [Mn]
- (3205) WANG, W.; BATTERMAN, S.; CHERNYAK, S.; NRIAGU, J. Concentrations and risks of organic and metal contaminants in Eurasian caviar. *Ecotoxicology and Environmental Safety*, 71(1), 138-148, 2008. [PCBs; pesticides; HCB; aldrin; dacthal; hetachlor/heptachlorepoxyde; diedrin; endrin; lindane; mirex; DDTs; HCHs; chlordanes; octachlorostyrene; pentachlorobenzene; pentachlorophenylmethyl ether; brominated flame retardants; tetrabromobisphenol; PBDEs; Na; Mg; Al; K; Ca; Cu; Zn; Se; Mn; Fe; Co; Ni; As; Mo; Cd; Sb; Ba; Ti; Pb; U; V; Cr; Hg]
- (3206) YAN, D.; YANG, L.; WANG, Q. Alternative thermodiffusion interface for simultaneous speciation of organic and inorganic lead and mercury species by capillary GC-ICPMS using tri-n-propyl-lead chloride as an internal standard. *Analytical Chemistry*, 80(15), 6104-6109, 2008. [Hg; Pb]
- (3207) YU, W.; ZOU, X.; ZHU, D.; ZHANG, Y. Accumulation of heavy metals Pb, Zn and Cu in Wanggang tidal flat of Jiangsu Province. [In Chinese with English summary]. *Marine Geology and Quaternary Geology*, 27(3), 17-24, 2007.
- (3208) ZUTSHI, S.; CHOUDHARY, M.; BHARAT, N.; ABDIN, M.Z.; FATMA, T. Evaluation of antioxidant defense responses to lead stress in *Hapalosiphon fontinalis*-339. *Journal of Phycology*, 44(4), 889-896, 2008. [Pb]

Section 4: Radioactivity

(3209) JANKNEGT, P.J.; VAN DE POLL, W.H.; VISSER, R.J.W. Oxidative stress responses in the marine Antarctic diatom *Chaetoceros brevis* (Bacillariophyceae) during photoacclimation. *Journal of Phycology*, 44(4), 957-966, 2008. [UV; UVA; UVB]

(3210) LEE, S.H.; POVINEC, P.P.; WYSE, E.; HOTCHKIS, M.A.C. Ultra-low-level determination of ²³⁶U in IAEA marine reference materials by ICPMS and AMS. *Applied Radiation and Isotopes*, 66(6/7), 823-828, 2008.

(3211) THOMSON, P.G.; DAVIDSON, A.T.; CADMAN, N. Temporal changes in effects of ambient UV radiation on natural communities of Antarctic marine protists. *Aquatic Microbial Ecology*, 52(2), 131-147, 2008. [UVA; UVB]

Section 5: Other Chemicals

(3212) AGATSUMA, Y.; ENDO, H.; TANIGUCHI, K. Inhibitory effect of 2,4-dibromophenol and 2,4,6-tribromophenol on larval survival and metamorphosis of the sea urchin *Strongylocentrotus nudus*. *Fisheries Science*, 74(4), 837-841, 2008.

(3213) ALBRIGHT, R.; MASON, B.; LANGDON, C. Effect of aragonite saturation state on settlement and post-settlement growth of *Porites astreoides* larvae. *Coral Reefs*, 27(3), 485-490, 2008. [Ocean acidification; CO₂]

(3214) ARHONDITSIS, G.B.; PAPANTOU, D.; ZHANG, W.; PERHAR, G.; MASSOS, E.; SHI, M. Bayesian calibration of mechanistic aquatic biogeochemical models and benefits for environmental management. *Journal of Marine Systems*, 73(1/2), 8-30, 2008. [Eutrophication; nutrients]

(3215) BALATA, D.; BERTOCCI, I.; PIAZZI, L.; NESTI, U. Comparison between epiphyte assemblages of leaves and rhizomes of the seagrass *Posidonia oceanica* subjected to different levels of anthropogenic eutrophication. *Estuarine, Coastal and Shelf Science*, 79(3), 533-540, 2008. [Nutrients]

(3216) BOSSI, R.; STRAND, J.; SORTKJAER, O.; LARSEN, M.M. Perfluoroalkyl compounds in Danish wastewater treatment plants and aquatic environments. *Environment International*, 34(4), 443-450, 2008. [PFOS; PFOSA; PFHxS; PFOA; PFNA; PFDA; PFUnA]

(3217) BOUVY, M.; BRIAND, E.; BOUP, M.M.; GOT, P.; LÉBOULANGER, C.; BETTAREL, Y.; ARFI, R. Effects of sewage discharges on microbial components in tropical coastal waters (Senegal, West Africa). *Marine and Freshwater Research*, 59(7), 614-626, 2008. [Faecal indicator bacteria; nutrients]

(3218) BOYNTON, W.R.; HAGY, J.D.; CORNWELL, J.C.; KEMP, W.M.; GREENE, S.M.; OWENS, M.S.; BAKER, J.E.; LARSEN, R.K. Nutrient budgets and management actions in the Patuxent River estuary, Maryland. *Estuaries and Coasts*, 31(4), 623-651, 2008.

(3219) BUCOLO, P.; SULLIVAN, M.J.; ZIMBA, P.V. Effects of nutrient enrichment on primary production and biomass of sediment microalgae in a subtropical seagrass bed. *Journal of Phycology*, 44(4), 874-881, 2008. [Eutrophication]

(3220) BURFORD, M.A.; ALONGI, D.M.; MCKINNON, A.D.; TROTT, L.A. Primary production and nutrients in a tropical macrotidal estuary, Darwin Harbour, Australia. *Estuarine, Coastal and Shelf Science*, 79(3), 440-448, 2008. [No evidence of anthropogenic nutrient input effects]

(3221) CASTRITSI-CATHARIOS, J.; BOURDANIOTIS, N.; PERSOONE, G. A new simple method with high precision for determining the toxicity of antifouling paints on brine shrimp larvae (*Artemia*): first results. *Chemosphere*, 67(6), 1127-1132, 2007. [Self Polishing (SPC) antifouling coating; Cu; Cu₂; cuprous thiocyanate; dichlofluarid]

(3222) CESTONE, A.; DI NATALE, M.; DE ROSA, S. Toxicity and biodegradation of the LAS surfactant 1- (p-sulfophenyl) nonane in presence of the ascidian *Styela plicata*. *Chemosphere*, 71(8), 1440-1445, 2008.

(3223) CHEN, X.; LI, V.W.T.L.; YU, R.M.K.; CHENG, S.H. Choriogenin mRNA as a sensitive molecular biomarker for estrogenic chemicals in developing brackish medaka (*Oryzias melastigma*). *Ecotoxicology and Environmental Safety*, 71(1), 200-208, 2008. [17 beta-estradiol (E₂); 17 alpha-ethinylestradiol (EE₂); 4-nonylphenol; bisphenol A]

- (3224) CHU, F.-L.E.; LUND, E.D.; POBSEK, J.A. Effects of triclosan on the oyster parasite, *Perkinsus marinus* and its host, the eastern oyster, *Crassostrea virginica*. *Journal of Shellfish Research*, 27(4), 769-773, 2008.
- (3225) CINCINELLI, A.; MARTELLINI, T.; BITTONI, L.; RUSSO, A.; GAMBARO, A.; LEPRI, L. Natural and anthropogenic hydrocarbons in the water column of the Ross Sea (Antarctica). *Journal of Marine Systems*, 73(1/2), 208-220, 2008. [Aromatic hydrocarbons; n-alkanes; PAH]
- (3226) CUMBEE, J.C.; GAINES, K.F.; MILLS, G.L.; GARVIN, N.; STEPHENS, W.L.; NOVAK, J.M.; BRISBIN, I.L. Clapper rails as indicators of mercury and PCB bioavailability in a Georgia saltmarsh system. *Ecotoxicology*, 17(6), 485-494, 2008. [Hg]
- (3227) DIETZ, M.E.; CLAUSEN, J.C. Stormwater runoff and export changes with development in a traditional and low impact subdivision. *Journal of Environmental Management*, 87(4), 560-566, 2008. [Nutrients]
- (3228) DUAN, S.; LIANG, T.; ZHANG, S.; WANG, L.; ZHANG, X.; CHEN, X. Seasonal changes in nitrogen and phosphorus transport in the lower Changjiang River before the construction of the Three Gorges Dam. *Estuarine, Coastal and Shelf Science*, 79(2), 239-250, 2008. [Nutrient load]
- (3229) DUARTE, P.; AZEVEDO, B.; GUERREIRO, M.; RIBEIRO, C.; BANDEIRA, R.; PEREIRA, A.; FALCAO, M.; SERPA, D.; REIA, J. Biogeochemical modelling of Ria Formosa (South Portugal). *Hydrobiologia*, 611, 115-132, 2008. [Nutrients]
- (3230) DUERI, S.; CASTRO-JIMENEZ, J.; COMENGES, J.-M.Z. On the use of the partitioning approach to derive Environmental Quality Standards (EQS) for persistent organic pollutants (POPs) in sediments: a review of existing data. *Science of the Total Environment*, 403(1-3), 23-33, 2008.
- (3231) EKICI, P.; FRIESS, A.; PARLAR, H. Permissible level of toxaphene residues in fish from the German market based on in vivo and in vitro effects to tumor promotion. *Food and Chemical Toxicology*, 46(7), 2320-2325, 2008.
- (3232) FABRICUS, K.E. Theme section on "Ocean acidification and coral reefs". *Coral Reefs*, 27(3), 455-457, 2008. [CO₂]
- (3233) FANJUL, E.; GRELA, M.A.; CANEPUCCIA, A.; IRIBARNE, O. The Southwest Atlantic intertidal burrowing crab *Neohelice granulata* modifies nutrient loads of phreatic waters entering coastal area. *Estuarine, Coastal and Shelf Science*, 79(2), 300-306, 2008.
- (3234) FAY, J.A. Spread of large LNG pools on the sea. *Journal of Hazardous Materials*, 140(3), 541-551, 2007.
- (3235) FEELY, R.A.; FABRY, V.J.; GUINOTTE, J.M. Ocean acidification of the North Pacific Ocean. *PICES Press*, 16(1), 22-25, 2008. [CO₂]
- (3236) FERNANDES, D.; ANDREU-SANCHEZ, O.; BEBIANNO, M.J.; PORTE, C. Assessment of pollution along the Northern Iberian shelf by the combined use of chemical and biochemical markers in two representative fish species. *Environmental Pollution*, 155(2), 327-335, 2008. [PAHs; DDTs; PCBs; 4-nonylphenol; 4-tert-octylphenol; Prestige oil spill]
- (3237) FURUSHITA, M.; SHIBA, T. Distribution and horizontal transfer of antibiotic resistance gene in marine environments. *Journal of National Fisheries University*, 56(1), 85-89, 2007.
- (3238) GIORDANI, G.; AZZONI, R.; VIAROLI, P. A rapid assessment of the sedimentary buffering capacity towards free sulphides. *Hydrobiologia*, 611, 55-66, 2008. [Eutrophication]

- (3239) GUERIT, I.; BOCQUENE, G.; JAMES, A.; THYBAUD, E.; MINIER, C. Environmental risk assessment: a critical approach of the European TGD in an in situ application. *Ecotoxicology and Environmental Safety*, 71(1), 291-300, 2008. [Seine estuary; atrazine; diuron]
- (3240) GUNAWICKRAMA, S.H.N.P.; AARSAETHER, N.; ORBEA, A.; CAJARAVILLE, M.P.; GOKSOYR, A. PCB77 (3,3',4,4'-tetrachlorobiphenyl) co-exposure prolongs CYP1A induction, and sustains oxidative stress in B(a)P-exposed turbot, *Scophthalmus maximus*, in a long-term study. *Aquatic Toxicology*, 89(2), 65-74, 2008. [Benzo(a)pyrene; PAH; PCB]
- (3241) GUNDERSEN, D.T.; WEBB, M.A.H.; FINK, A.K.; KUSHNER, L.R.; FEIST, G.W.; FITZPATRICK, M.S.; FOSTER, E.P.; SCHRECK, C.B. Using blood plasma for monitoring organochlorine contaminants in juvenile white sturgeon, *Acipenser transmontanus*, from the lower Columbia River. *Bulletin of Environmental Contamination and Toxicology*, 81(3), 225-229, 2008. [DDTs]
- (3242) HART, K.; KANNAN, K.; TAO, L.; TAKAHASHI, S.; TANABE, S. Skipjack tuna as a bioindicator of contamination by perfluorinated compounds in the oceans. *Science of the Total Environment*, 403(1-3), 215-221, 2008. [PFOA; perfluoroundecanoic acid; PFOS; PFOSA; PFNA;; PFDA; PFUnDA; PFDODA; PFCs]
- (3243) HERNANDEZ, I.; PEREZ-PASTOR, A.; MATEO, J.J.; MEGINA, C.; VERGARA, J.J. Growth dynamics of *Ulva rotundata* (Chlorophyta) in a fish farm: implications for biomitigation at a large scale. *Journal of Phycology*, 44(4), 1080-1089, 2008. [Nutrients]
- (3244) HOLMSTROM, K.E.; BERGER, U. Tissue distribution of perfluorinated surfactants in common guillemot (*Uria aalge*) from the Baltic Sea. *Environmental Science and Technology*, 42(16), 5879-5884, 2008. [PFAS; PFHxA; PFHpA; PFOA; PFNA; PFDA; PFUnDA; PFDODA; PFTriDA; PFTeDA; PFPeDA; PFHxDA; PFBs; PFHxS; PFOS; PFDS; PFOSA]
- (3245) HONG, S.H.; YIM, U.H.; SHIM, W.J.; OH, J.R.; VIET, P.H.; PARK, P.S. Persistent organochlorine residues in estuarine and marine sediments for Ha Long Bay, Hai Phong Bay, and Ba Lat Estuary, Vietnam. *Chemosphere*, 72(8), 1193-1202, 2008. [Adrin; chlordanes; DDTs; dieldrin; endrin; HCHs; mirex; PCBs]
- (3246) HOODA, P.S. Microbial and nutrient contaminants of fresh and coastal waters. *Journal of Environmental Management*, 87(4), 533-534, 2008.
- (3247) HOTARD, S.; ZOU, E. Activity of glutathione S-transferase in the hepatopancreas is not influenced by the molting cycle in the fiddler crab, *Uca pugilator*. *Bulletin of Environmental Contamination and Toxicology*, 81(3), 242-244, 2008. [20-hydroxyecdysone; organic pollution biomarker]
- (3248) HRADECKY, K.; KETCHESON, K. Proposed amendments to environmental emergency regulations under section 200 of CEPA 1999. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 156-162, 2008.
- (3249) HUNT, B.P.V.; PAKHOMOV, E.A.; HOSIE, G.W.; SIEGEL, V.; WARD, P.; BERNARD, K. Pteropods in Southern Ocean ecosystems. *Progress in Oceanography*, 78(3), 193-221, 2008. [Review; ocean acidification; CO2]
- (3250) HUSSEIN, N.R. Phytoplankton community structure and diversity index in Mediterranean Sea lagoon; Lake Manzalah, Egypt. *Egyptian Journal of Aquatic Research*, 34(1), 69-85, 2008. [Nutrient load]

- (3251) HUSSEIN, N.R. Ecological indices as a tool for assessment eutrophication problems in Alexandria's coastal water, Egypt. *Egyptian Journal of Aquatic Research*, 34(1), 86-107, 2008. [Nutrients]
- (3252) IBANEZ, C., (ET AL). Changes in dissolved nutrients in the lower Ebro River: causes and consequences. *Limnetica*, 27(1), 131-142, 2008. [Sewage treatment]
- (3253) ILYINA, T.; LAMMEL, G.; POHLMANN, T. Mass budgets and contribution of individual sources and sinks to the abundance of g-HCH, a-HCH and PCB 153 in the North Sea. *Chemosphere*, 72(8), 1132-1137, 2008.
- (3254) JIN, J.; LIU, W.; WANG, Y.; TAN TANG, X. Levels and distribution of polybrominated diphenyl ethers in plant, shellfish and sediment samples from Laizhou Bay in China. *Chemosphere*, 71(6), 1043-1050, 2008. [PBDEs]
- (3255) JOKIEL, P.L.; RODGERS, K.S.; KUFFNER, I.B.; ANDERSSON, A.J.; COX, E.F.; MACKENZIE, F.T. Ocean acidification and calcifying reef organisms: a mesocosm investigation. *Coral Reefs*, 27(3), 473-483, 2008. [CO₂]
- (3256) JONES, M.M.; DEVEAUX, S.; DOVE, S.; TOMIE, J. Asymmetries in skeletal elements of mummichogs (*Fundulus heteroclitus*) as indicators of environmental stress. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 234-246, 2008. [Ecosystem health]
- (3257) KANNAN, K.MOON, H.-B.; YUN, S.H.; AGUSA, T.; THOMAS, N.J.; TANABE, S. Chlorinated, brominated, and perfluorinated compounds, polycyclic aromatic hydrocarbons and trace elements in livers of sea otters from California, Washington, and Alaska (USA), and Kamchatka (Russia). *Journal of Environmental Monitoring*, 10(4), 552-558, 2008. [Chlordanes; DDTs; HCHs; PCBs; PBDEs; PAHs; PFCs; heavy metals]
- (3258) KEIPERT, N.; WEAVER, D.; SUMMERS, R.; CLARKE, M.; NEVILLE, S. Guiding BMP adoption to improve water quality in various estuarine ecosystems in Western Australia. *Water Science and Technology*, 57(11), 1749-1756, 2008. [Nutrient load]
- (3259) KITADA, Y.; KAWAHATA, H.; SUZUKI, A.; OOMORI, T. Distribution of pesticides and bisphenol A in sediments collected from rivers adjacent to coral reefs. *Chemosphere*, 71(11), 2082-2090, 2008. [Diuron; Irgarol 1051; chlorpyrifos]
- (3260) KNEE, K.L.; LAYTON, B.A.; STREET, J.H.; BOEHM, A.B.; PAYTAN, A. Sources of nutrients and fecal indicator bacteria to nearshore waters on the north shore of Kaua'i (Hawai'i, USA). *Estuaries and Coasts*, 31(4), 607-622, 2008.
- (3261) LAM, J.C.W.; MURPHY, M.B.; WANG, Y.; TANABE, S.; GIESY, J.P.; LAM, P.K.S. Risk assessment of organohalogenated compounds in water bird eggs from South China. *Environmental Science and Technology*, 42(16), 6296-6302, 2008. [Chlordanes; DDTs; PCBs; mirex; toxaphene; aldrin; dieldrin; endrin; HCB]
- (3262) LEE, K.W.; RAISUDDIN, S.; HWANG, D.S.; PARK, H.G.; DAHMS, H.U.; AHN, I.Y.; LEE, J.S. Two-generation toxicity study on the copepod model species *Tigriopus japonicus*. *Chemosphere*, 72(9), 1359-1365, 2008. [Arsenic-III; Arsenic-V; Cu; alachlor; endosulfan; molinate; 4-tert-butylphenol; PCB; TBT]
- (3263) LEOTSINIDIS, M.; SAZAKLI, E. Evaluating contamination of dredges and disposal criteria in Greek coastal areas. *Chemosphere*, 72(5), 811-818, 2008. [Cd; Cr; Cu; Hg; Ni; Pb; Zn; PAHs; PCBs; dredging; dumping]

- (3264) LI, D.; DONG, M.; SHIM, W.J.; YIM, U.H.; HONG, S.H.; KANNAN, N. Distribution characteristics of nonylphenolic chemicals in Masan Bay environments, Korea. *Chemosphere*, 71(6), 1162-1172, 2008. [Nonylphenol (NP); nonylphenol monoethoxylate (NP1EO); nonylphenol diethoxylate (NP2EO); coprostanol; cholestanol]
- (3265) LIN, J.; XU, H.; CUDABACK, C.; WANG, D. Inter-annual variability of hypoxic conditions in a shallow estuary. *Journal of Marine Systems*, 73(1/2), 169-184, 2008. [Hypoxia; nutrients; water quality; BOD]
- (3266) LIU, Z.-J.; WELLER, D.E.; JORDAN, T.E.; CORRELL, D.L.; BOOMER, K.B. Intergrated modular modeling of water and nutrients from point and nonpoint sources in the Patuxent River watershed. *Journal of the American Water Resources Association*, 44(3), 700-723, 2008.
- (3267) LOUIZ, I.; KINANI, S.; GOUZE, M.-E.; BEN-ATTIA, M.; MENIF, D.; BOUCHONNET, S.; PORCHER, J.M.; BEN-HASSINE, O.K.; AIT-AISSA, S. Monitoring of dioxin-like, estrogenic and anti-androgenic activities in sediments of the Bizerta lagoon (Tunisia) by means of in vitro cell-based bioassays: contribution of low concentrations of polynuclear aromatic hydrocarbons (PAHs). *Science of the Total Environment*, 402(2/3), 318-329, 2008. [Benzo(a)pyrene; TCDD]
- (3268) MAEDA, T.; YAMASAKI, T.; YAMASHITA, T.; FURUSHITA, M.; HARADA, K.; SHIBA, T. Degradation of bisphenol A in coastal sediments and isolation of a degrading-bacterum. [In Japanese with English summary]. *Journal of National Fisheries University*, 56(4), 371-376, 2008.
- (3269) MALMVARN, A.; ZEBUHR, Y.; KAUTSKY, L.; BERGMAN, A.; ASPLUND, L. Hydroxylated and methoxylated polybrominated diphenyl ethers and polybrominated dibenzo-p-dioxins in red alga and cyanobacteria living in the Baltic Sea. *Chemosphere*, 72(6), 910-916, 2008. [PBDEs; PBDDs; PCBs]
- (3270) MARINOV, D.; ZALDIVAR, J.M.; NORRO, A.; GIORDANI, G.; VIAROLI, P. Integrated modelling in coastal lagoons: Sacca di Goro case study. *Hydrobiologia*, 611, 147-165, 2008.
- (3271) MARTINEZ-GOMEZ, C.; BENEDICTO, J.; CAMPILLO, J.A.; MOORE, M. Application and evaluation of the neutral red retention (NRR) assay for lysosomal stability in mussel populations along the Iberian Mediterranean coast. *Journal of Environmental Monitoring*, 10(4), 490-499, 2008. [PAHs; PCBs; heavy metals]
- (3272) MARUBINI, F.; FERRIER-PAGES, C.; FURLA, P.; ALLEMAND, D. Coral calcification responds to seawater acidification: a working hypothesis towards a physiological mechanism. *Coral Reefs*, 27(3), 491-499, 2008. [CO₂]
- (3273) MOORE, J.GUBBINS, M.; GREWAR, G.; HARDING, M.; DAVIES, I. Surveys of dogwhelks *Nucella lapillus* in the vicinity of Sullom Voe, Shetland, August 2007. iv, 56p. Aberdeen: Shetland Oil Terminal Environmental Advisory Group, 2007. [Imposex; TBT]
- (3274) MULLER, B.; BERG, M.; YAO, Z.P.; ZHANG, X.F.; WANG, D.; PFLUGER, A. How polluted is the Yangtze river? Water quality downstream from the Three Gorges Dam. *Science of the Total Environment*, 402(2/3), 232-237, 2008. [Al; arsenic; B; Ba; Ca; Cd; Co; Cr; Cu; Fe; Hg; K; Li; Mg; Mn; Na; Ni; Pb; Sb; Se; Si; Sr; Tl; U; Zn; nutrients; PAHs; aldicarb; 2,4-D; deethylatrazine; diuron; deisopropylatrazine; hexazinon; isoproturon; MCPA]
- (3275) MURALIDHAR, M.; GUPTA, B.P. Quality of water discharge from shrimp hatcheries and its impact on the surrounding coastal environment. *Indian Journal of Fisheries*, 54(2), 189-194, 2007. [Arsenic; Cd; Cr; Cu; Fe; Hg; Mn; Ni; Zn; atrazine; carbofuran; DDT; dimethoate; HCH; endosulfan; carbofuran; BOD; COD; heptachlor; nutrients]

- (3276) OKUMURA, Y.; YAMASHITA, Y. Quantification of terrestrial dioxins discharged from four major rivers in Miyagi Prefecture into Sendai Bay, Japan, between 1999 and 2002. *Fresenius Environmental Bulletin*, 17(5), 530-535, 2008. [PCDD]
- (3277) OTTON, S.V.; SURA, S.; BLAIR, J.; IKONOMOU, M.G.; GOBAS, F.A.P.C. Biodegradation of mono-alkyl phthalate esters in natural sediments. *Chemosphere*, 71(11), 2011-2016, 2008. [Mono ethyl phthalate; mono butyl phthalate; mono benzyl phthalate; mono isohexyl phthalate; monoethylhexyl phthalate; mono-n-octyl phthalate; mono-iso-nonyl phthalate; mono-iso-decyl phthalate]
- (3278) OU, L.; WANG, D.; HUANG, B.; HONG, H.; QI, Y.; LU, S. Comparative study of phosphorus strategies of three typical harmful algae in Chinese coastal waters. *Journal of Plankton Research*, 30(9), 1007-1017, 2008. [Eutrophication; nutrients; HAB]
- (3279) PACYNA, J.M.; KREMER, H.; PIRRONE, N.; BARTHEL, K.-G., (EDITORS). Socioeconomic aspects of fluxes of chemicals into the marine environment: Scientific report of the workshop held at the Norwegian Institute for Air Research (NILU), Kjeller, Norway, 8-10 March, 1999. 246p. Luxembourg: European Communities, 2000.
- (3280) PADULA, D.J.; DAUGHTRY, B.J.; NOWAK, B.F. Dioxins, PCBs, metals, metalloids, pesticides and antimicrobial residues in wild and farmed Australian southern bluefin tuna (*Thunnus maccoyii*). *Chemosphere*, 72(1), 34-44, 2008. [Cd; Cu; Hg; Pb; Sb; Sn; PCDD; PCDF]
- (3281) PAGLIARANI, A.; BANDIERA, P.; VENTRELLA, V.; TROMBETTI, F.; PIRINI, M.; NESCI, S.; BORGATTI, A.R. Tributyltin (TBT) inhibition of oligomycin-sensitive Mg-ATPase activity in mussel mitochondria. *Toxicology In Vitro*, 22(4), 827-836, 2008.
- (3282) PANGALLO, K.; NELSON, R.K.; TEUTEN, E.L.; PEDLER, B.E.; REDDY, C.M. Expanding the range of halogenated 1'-methyl-1,2'-bipyrroles (MBPs) using GC/ECNI-MS and GCxGC/TOF-MS. *Chemosphere*, 71(8), 1557-1565, 2008.
- (3283) PANKO, C.; ENCOMIO, V.; BARRETO, J.; VOLETY, A.K. In vitro and in vivo evaluation of quinine as a potential anti-protozoal for the eastern oyster parasite *Perkinsus marinus*. *Journal of Shellfish Research*, 27(4), 789-793, 2008. [Including toxicity to oysters]
- (3284) PEDERSEN, T.M.; HANSEN, J.L.S.; JOSEFSON, A.B.; HANSEN, B.W. Mortality through ontogeny of soft-bottom marine invertebrates with planktonic larvae. *Journal of Marine Systems*, 73(1/2), 185-207, 2008. [Hypoxia; nutrient load]
- (3285) PLANTE, C.J.; COE, K.M.; PLANTE, R.G. Isolation of surfactant-resistant bacteria from natural, surfactant-rich marine habitats. *Applied and Environmental Microbiology*, 74(16), 5093-5099, 2008. [Bioremediation]
- (3286) PODGORSKA, B.; PAZDRO, K.; WEGRZYN, G. The use of the *Vibrio harveyi* luminescence mutagenicity assay as a rapid test for preliminary assessment of mutagenic pollution of marine sediments. *Journal of Applied Genetics*, 48(4), 409-412, 2007.
- (3287) QUINTINO, V.; RODRIGUES, A.M.; FREITAS, R.; RE, A. Experimental biological effects assessment associated with on-shore brine discharge from the creation of gas storage caverns. *Estuarine, Coastal and Shelf Science*, 79(3), 525-532, 2008.
- (3288) RICCIUTO, D.M.; DAVIS, K.J.; KELLER, K. A Bayesian calibration of a simple carbon cycle model: the role of observations in estimating and reducing uncertainty. *Global Biogeochemical Cycles*, 22(2), GB2030, 2008. [CO₂]

(3289) RODGERS, K.B.; SARMIENTO, J.L.; AUMONT, O.; CREVOISIER, C.; DE BOYER MONTEGUT, C.; METZL, N. A wintertime uptake window for anthropogenic CO₂ in the North Pacific. *Global Biogeochemical Cycles*, 22(2), GB2020, 2008.

(3290) RUSSELL, M.; WEBSTER, L.; WALSHAM, P.; PACKER, G.; DALGARNO, E.J.; MCINTOSH, A.D.; FRYER, R.J.; MOFFAT, C.F. Composition and concentration of hydrocarbons in sediment samples from the oil producing area of the East Shetland Basin, Scotland. *Journal of Environmental Monitoring*, 10(4), 559-569, 2008. [PAHs; alkanes; hopanes; steranes]

(3291) SAGERT, S.; RIELING; EGGERT, A.; SCHUBERT, H. Development of a phytoplankton indicator system for the ecological assessment of brackish coastal waters (German Baltic Sea Coast). *Hydrobiologia*, 611, 91-103, 2008. [Eutrophication; nutrients]

(3292) SAKAMOTO, A.; WATANABE, Y.W.; OSAWA, M.; KIDO, K.; NORIKI, S. Time series of carbonate system variables off Otaru coast in Hokkaido, Japan. *Estuarine, Coastal and Shelf Science*, 79(3), 377-386, 2008. [CO₂]

(3293) SANDERSON, H.; FAUSER, P.; THOMSEN, M.; SORENSEN, P.B. Screening level fish community risk assessment of chemical warfare agents in the Baltic Sea. *Journal of Hazardous Materials*, 154(1-3), 846-857, 2008. [Chloroacetophenone (CAP); Adamsite; Clark I; sulphur mustard gas; triphenylarsine; phenyldichloroarsine; trichloroarsine; Zyldon B; monochlorobenzene; yperite;]

(3294) SAPOTA, G.; WISNIEWSKA-WOJTASIK, B. Persistent organic pollutant content in cod (*Gadus morhua* L.) from the Barents Sea region. *Oceanological and Hydrobiological Studies*, 36(3), 65-77, 2007.

(3295) SERRANO, L.DELORENZO, M.E. Water quality and restoration in a coastal subdivision stormwater pond. *Journal of Environmental Management*, 88(1), 43-52, 2008. [Atrazine; 2,4-D; chlorothalonil; chlorpyrifos; faecal coliforms]

(3296) SHAW, S.D.; BERGER, M.L.; BRENNER, D.; CARPENTER, D.O.; TAO, L.; HONG, C.S.; KANNAN, K. Polybrominated diphenyl ethers (PBDEs) in farmed and wild salmon marketed in the Northeastern United States. *Chemosphere*, 71(8), 1422-1431, 2008.

(3297) SHIMASAKI, Y.; OSHIMA, Y.; INOUE, Y.; SHIBATA, H.; NAKAYAMA, K.; INOUE, S.; IMOTO, H.; KANG, I.J.; HONJO, T. Distribution of tributyltin in tissues of mature Japanese whiting, *Sillago japonica* and their eggs. *Journal of the Faculty of Agriculture*, 53(1), 67-72, 2008. [TBT]

(3298) SOLE, M.; LOBERA, G.; ALJINOVIC, B.; RIOS, J.; GARCIA DE LA PARRA, L.M.; MAYNOU, F.; CARTES, J.E. Cholinesterases activities and lipid peroxidation levels in muscle from shelf and slope dwelling fish from the NW Mediterranean: its potential use in pollution monitoring. *Science of the Total Environment*, 402(2/3), 306-317, 2008.

(3299) SOROKIN, Y.I.; DALLOCCHIO, F. Dynamics of phosphorus in the Venice lagoon during a picocyanobacteria bloom. *Journal of Plankton Research*, 30(9), 1019-1026, 2008. [Nutrients]

(3300) SPECCHIULLI, A.; FOCARDI, S.; RENZI, M.; SCIROCCO, T.; CILENTI, L.; BREBER, P.; BASTIANONI, S. Environmental heterogeneity patterns and assessment of trophic levels in two Mediterranean lagoons: Orbetello and Varano, Italy. *Science of the Total Environment*, 402(2/3), 285-298, 2008. [Eutrophication; nutrients]

(3301) THRONSON, A.; QUIGG, A. Fifty-five years of fish kills in coastal Texas. *Estuaries and Coasts*, 31(4), 802-813, 2008. [Hypoxia; eutrophication; nutrients; industrialization; urbanization]

- (3302) TOMASZEWSKI, J.E.; LUTHY, R.G. Field deployment of polyethylene devices to measure PCB concentrations in pore water of contaminated sediment. *Environmental Science and Technology*, 42(16), 6086-6091, 2008.
- (3303) TORRES, M.A.; BARROS, M.P.; CAMPOS, S.C.G.; PINTO, E.; RAJAMANI, S.; SAYRE, R.T.; COLEPICOLO, P. Biochemical biomarkers in algae and marine pollution: a review. *Ecotoxicology and Environmental Safety*, 71(1), 1-15, 2008.
- (3304) UYE, S.-I. Blooms of the giant jellyfish *Nemopilema nomurai*: a threat to the fisheries sustainability of the East Asian Marginal Seas. *Plankton and Benthos Research*, 3(Suppl.), 125-131, 2008. [Possible causes include increased water temperature, eutrophication, coastal modification and overfishing]
- (3305) VERON, J.E.N. Mass extinctions and ocean acidification: biological constraints on geological dilemmas. *Coral Reefs*, 27(3), 459-472, 2008. [CO₂; H₂S; anoxia; pH]
- (3306) VORKAMP, K.; RIGET, F.F.; GLASIUS, M.; MUIR, D.C.G.; DIETZ, R. Levels and trends of persistent organic pollutants in ringed seals (*Phoca hispida*) from Central West Greenland, with particular focus on polybrominated diphenyl ethers (PBDEs). *Environment International*, 34(4), 499-508, 2008. [Chlordanes; DDTs; HCB; HCH; PCB; toxaphene]
- (3307) WALKER, P.; HELLOU, J. Toxic effects of three pesticide formulations on the amphipod *Corophium volutator* P. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 251-255, 2008. [Roundup; Lorsban; Bravo; glyphosate; chlorpyrifos; chlorothalonil]
- (3308) WANG, W.; BATTERMAN, S.; CHERNYAK, S.; NRIAGU, J. Concentrations and risks of organic and metal contaminants in Eurasian caviar. *Ecotoxicology and Environmental Safety*, 71(1), 138-148, 2008. [PCBs; pesticides; HCB; aldrin; dacthal; heptachlor/heptachlorepoxide; dieldrin; endrin; lindane; mirex; DDTs; HCHs; chlordanes; octachlorostyrene; pentachlorobenzene; pentachlorophenylmethyl ether; brominated flame retardants; tetrabromobisphenol; PBDEs; Na; Mg; Al; K; Ca; Cu; Zn; Se; Mn; Fe; Co; Ni; As; Mo; Cd; Sb; Ba; Ti; Pb; U; V; Cr; Hg]
- (3309) WEBSTER, L.; RUSSELL, M.; ADEFEHINTI, F.; DALGARNO, E.J.; MOFFAT, C.F. Preliminary assessment of polybrominated diphenyl ethers (PBDEs) in the Scottish aquatic environment, including the Firth of Clyde. *Journal of Environmental Monitoring*, 10(4), 463-473, 2008.
- (3310) WEIHE, P.; KATO, K.; CALAFAT, A.M.; NIELSEN, F.; WANIGATUNGA, A.A.; NEEDHAM, L.L.; GRANDJEAN, P. Serum concentrations of polyfluoroalkyl compounds in Faroese whale meat consumers. *Environmental Science and Technology*, 42(16), 6291-6295, 2008. [PFOS; PFOA; PFOSA; PFNA; PFHxS]
- (3311) WHITE, H.K.; REDDY, C.M.; EGLINTON, T.I. Radiocarbon-based assessment of fossil fuel-derived contaminant associations in sediments. *Environmental Science and Technology*, 42(15), 5428-5434, 2008. [Creosote; DDT]
- (3312) WU, J.; WANG, J. Impacts of pollution from different sources on ecological quality of a multiple-use coast. *Water, Air, and Soil Pollution*, 193(1-4), 25-35, 2008.
- (3313) YUAN, D.; LIN, B.; FALCONER, R.A.; TAO, J. Development of an integrated model for assessing the impact of diffuse and point source pollution on coastal waters. *Environmental Modelling and Software*, 22(6), 871-879, 2007. [Nutrient loading]
- (3314) ZEMLYS, P.; ERTURK, A.; RAZINKOVAS, A. 2D finite element ecological model for the Curonian lagoon. *Hydrobiologia*, 611, 167-179, 2008. [Eutrophication; nutrients]

Section 6: Biological Wastes

- (3315) ALTUG, G.; CARDAK, M.; CIFTCI, P.S. Indicator and other bacteria in striped Venus (*Chamelea gallina*, L.) and wedge clam (*Donax trunculus*) from the northern coast of the Sea of Marmara, Turkey. *Journal of Shellfish Research*, 27(4), 783-788, 2008. [Escherichia coli; faecal coliforms; Salmonella]
- (3316) BOUVY, M.; BRIAND, E.; BOUP, M.M.; GOT, P.; LEBOULANGER, C.; BETTAREL, Y.; ARFI, R. Effects of sewage discharges on microbial components in tropical coastal waters (Senegal, West Africa). *Marine and Freshwater Research*, 59(7), 614-626, 2008. [Faecal indicator bacteria; nutrients]
- (3317) EJA, M.E.; ABRIBA, C.; ETOK, C.A.; IKPEME, E.M.; ARIKPO, G.E.; ENYI-IDOH, K.H.; OFOR, U.A. Seasonal occurrence of vibrios in water and shellfish obtained from the Great Kwa River Estuary, Calabar, Nigeria. *Bulletin of Environmental Contamination and Toxicology*, 81(3), 245-248, 2008.
- (3318) GARREN, M.; SMRIGA, S.; AZAM, F. Gradients of coastal fish farm effluents and their effect on coral reef microbes. *Environmental Microbiology*, 10(9), 2299-2312, 2008. [Organic enrichment]
- (3319) HERMAND, R.; SALEN-PICARD, C.; ALLIOT, E.; DEGIOVANNI, C. Macrofaunal density, biomass and composition of estuarine sediments and their relationship to the river plume of the Rhone River (NW Mediterranean). *Estuarine, Coastal and Shelf Science*, 79(3), 367-376, 2008. [Terrestrial inputs; organic enrichment]
- (3320) HOODA, P.S. Microbial and nutrient contaminants of fresh and coastal waters. *Journal of Environmental Management*, 87(4), 533-534, 2008.
- (3321) HUNTER, C.L.; KRAUSE, E.; FITZPATRICK, J.; KENNEDY, J. Current and historic distribution and abundance of the inarticulated brachiopod, *Lingula reevii* Davidson (1880), in Kaneohe Bay, Oahu, Hawaii, USA. *Marine Biology*, 155(2), 205-210, 2008. [Decline in abundance; decreased organic enrichment; sewage discharge; alien algae invasion]
- (3322) JONES, M.M.; DEVEAUX, S.; DOVE, S.; TOMIE, J. Asymmetries in skeletal elements of mummichogs (*Fundulus heteroclitus*) as indicators of environmental stress. *Canadian Technical Report of Fisheries and Aquatic Sciences*, (2793), 234-246, 2008. [Ecosystem health]
- (3323) KHATIB HAGHIGHI, S. Coliform pollution in the south Caspian Sea, Guilan Province (Astara to Chabooksar). [In Farsi with English summary]. *Iranian Scientific Fisheries Journal*, 16(1), 29-38, 2007.
- (3324) KNEE, K.L.; LAYTON, B.A.; STREET, J.H.; BOEHM, A.B.; PAYTAN, A. Sources of nutrients and fecal indicator bacteria to nearshore waters on the north shore of Kaua'i (Hawai'i, USA). *Estuaries and Coasts*, 31(4), 607-622, 2008.
- (3325) LESKINEN, S.D.; LIM, D.V. Rapid ultrafiltration concentration and biosensor detection of enterococci from large volumes of Florida recreational water. *Applied and Environmental Microbiology*, 74(15), 4792-4798, 2008.
- (3326) LI, D.; DONG, M.; SHIM, W.J.; YIM, U.H.; HONG, S.H.; KANNAN, N. Distribution characteristics of nonylphenolic chemicals in Masan Bay environments, Korea. *Chemosphere*, 71(6), 1162-1172, 2008. [Nonylphenol (NP); nonylphenol monoethoxylate (NP1EO); nonylphenol diethoxylate (NP2EO); coprostanol; cholestanol]

- (3327) LU, L.; GRANT, J. Recolonization of intertidal infauna in relation to organic deposition at an oyster farm in Atlantic Canada - a field experiment. *Estuaries and Coasts*, 31(4), 767-775, 2008. [Biodeposition]
- (3328) PRIMAKOV, I.M.; IVANOV, M.V.; LEZIN, P.A.; KULAKOWSKI, E.E.; SUKHOTIN, A.A. Influence of aquaculture of mussels on the benthic and planktonic communities in the White Sea. *Russian Academy of Sciences*, 48(2), 228-232, 2008.
- (3329) SERRANO, L.DELORENZO, M.E. Water quality and restoration in a coastal subdivision stormwater pond. *Journal of Environmental Management*, 88(1), 43-52, 2008. [Atrazine; 2,4-D; chlorothalonil; chlorpyrifos; faecal coliforms]
- (3330) SMITH, J.P.; OKTAY, S.D.; KADA, J.; OLSEN, C.R. Iodine-131: a potential short-lived, wastewater-specific particle tracer in an urbanized estuarine system. *Environmental Science and Technology*, 42(15), 5435-5440, 2008. [Cu; Pb; organic carbon]
- (3331) SPILLMAN, C.M.; HAMILTON, D.P.; HIPSEY, M.R.; IMBERGER, J. A spatially resolved model of seasonal variations in phytoplankton and clam (*Tapes philippinarum*) biomass in Barbamarco Lagoon, Italy. *Estuarine, Coastal and Shelf Science*, 79(2), 187-203, 2008. [Nutrients; organic matter]
- (3332) STAPLETON, C.M., (ET AL). Quantitative catchment profiling to apportion faecal indicator organism budgets for the Ribble system, the UK's sentinel drainage basin for Water Framework Directive research. *Journal of Environmental Management*, 87(4), 535-550, 2008. [Sewage]
- (3333) TSENG, L.-C.; KUMAR, R.; DAHMS, H.-U.; CHEN, C.-T.; SOUISSI, S.; CHEN, Q.-C.; HWANG, J.-S. Copepod community structure over a marine outfall area in the north-eastern South China Sea. *Journal of the Marine Biological Association of the United Kingdom*, 88(5), 955-966, 2008. [Sewage abatement]
- (3334) WOLF, S.; HEWITT, J.; RIVERA-ABAN, M.; GREENING, G.E. Detection and characterization of F+ RNA bacteriophages in water and shellfish: application of a multiplex real-time reverse transcription PCR. *Journal of Virological Methods*, 149(1), 123-128, 2008.

Section 7: Heat

(3335) MAYNARD, J.A.; ANTHONY, K.R.N.; MARSHALL, P.A.; MASIRI, I. Major bleaching events can lead to increased thermal tolerance in corals. *Marine Biology*, 155(2), 173-182, 2008.

(3336) OXENFORD, H.A.; ROACH, R.; BRATHWAITE, A.; NURSE, L.; GOODRIDGE, R.; HINDS, F.; BALDWIN, K.; FINNEY, C. Quantitative observations of a major coral bleaching event in Barbados, Southeastern Caribbean. *Climatic Change*, 87(3/4), 435-449, 2008.

(3337) SANDBLOM, E.; AXELSSON, M.; DAVISON, W. Enforced exercise, but not acute temperature elevation, decreases venous capacitance in the stenothermal Antarctic fish *Pagothenia borchgrevinki*. *Journal of Comparative Physiology B*, 178(7), 845-851, 2008.

(3338) SUGGETT, D.J.; WARNER, M.E.; SMITH, D.J.; DAVEY, P.; HENNIGE, S.; BAKER, N.R. Photosynthesis and production of hydrogen peroxide by *Symbiodinium* (Pyrrophyta) phylotypes with different thermal tolerances. *Journal of Phycology*, 44(4), 948-956, 2008.

(3339) VERON, J.E.N. Mass extinctions and ocean acidification: biological constraints on geological dilemmas. *Coral Reefs*, 27(3), 459-472, 2008. [CO₂; H₂S; anoxia; pH]

Section 8: Solids

- (3340) CABACO, S.; SANTOS, R.; DUARTE, C.M. The impact of sediment burial and erosion on seagrasses: a review. *Estuarine, Coastal and Shelf Science*, 79(3), 354-366, 2008.
- (3341) ELMQUIST, M.; SEMILETOV, I.; GUO, L.; GUSTAFSSON, O. Pan-Arctic patterns in black carbon sources and fluvial discharges deduced from radiocarbon and PAH source apportionment markers in estuarine surface sediments. *Global Biogeochemical Cycles*, 22(2), GB2018, 2008.
- (3342) HANDY, R.D.; KRAMER, F.; LEAD, J.R.; HASSELLOEV, M.; OWEN, R.; CRANE, M. The ecotoxicology and chemistry of manufactured nanoparticles. *Ecotoxicology*, 17(4), 287-314, 2008.
- (3343) IMOTO, T.; SAKAI, N.; YABE, M.; YOKOGAWA, H. Towards construction of circular system for agriculture of environmental conservation and tourism. Simulation study of cost in prevention of red clay outflow at Ishigaki Island. [In Japanese with English summary]. *Science Bulletin of the Faculty of Agriculture*, 63(1), 87-98, 2008.
- (3344) SUEDEL, B.C.; KIM, J.; CLARKE, D.G.; LINKOV, I. A risk-informed decision framework for setting environmental windows for dredging projects. *Science of the Total Environment*, 403(1-3), 1-11, 2008.
- (3345) TAKADA, Y.; ABE, O.; SHIBUNO, T. Cryptic assemblages in coral-rubble interstices along a terrestrial-sediment gradient. *Coral Reefs*, 27(3), 665-675, 2008. [Environmental gradients; turbidity; sedimentation]

Section 9: Physical Disturbance

- (3346) ARAUJO, J.P.; SOUTO, A.; GEISE, L. The behavior of *Sotalia guianensis* (Van Beneden) in Pernambuco coastal waters, Brazil, and a further analysis of its reaction to boat traffic. *Revista Brasileira de Zoologia*, 25(1), 1-9, 2008.
- (3347) BARRIO FROJAN, C.R.S.; BOYD, S.E.; COOPER, K.M.; EGGLETON, J.D.; WARE, S. Long-term benthic responses to sustained disturbance by aggregate extraction in an area off the east coast of the United Kingdom. *Estuarine, Coastal and Shelf Science*, 79(2), 204-212, 2008. [Cross Sands]
- (3348) DIAS, M.P.; PESTE, F.; GRANADEIRO, J.P.; PALMEIRIM, J.M. Does traditional shellfishing affect foraging by waders? The case of the Tagus estuary (Portugal). *Acta Oecologica*, 33(2), 188-196, 2008.
- (3349) DUAN, S.; LIANG, T.; ZHANG, S.; WANG, L.; ZHANG, X.; CHEN, X. Seasonal changes in nitrogen and phosphorus transport in the lower Changjiang River before the construction of the Three Gorges Dam. *Estuarine, Coastal and Shelf Science*, 79(2), 239-250, 2008. [Nutrient load]
- (3350) GILING, D.; REINA, R.D.; HOGG, Z. Anthropogenic influence on an urban colony of the little penguin *Eudyptula minor*. *Marine and Freshwater Research*, 59(7), 647-651, 2008.
- (3351) GONZALEZ, A.R.; GUERRA-GARCIA, J.M.; MAESTRE, M.J.; RUIZ-TABARES, A.; ESPINOSA, F.; GORDILLO, I.; SANCHEZ-MOYANO, J.E.; GARCIA-GOMEZ, J.C. Community structure of caprellids (Crustacea: Amphipoda: Caprellidae) on seagrasses from southern Spain. *Helgoland Marine Research*, 62(3), 189-199, 2008. [Illegal bottom trawling]
- (3352) HSU, T.-W.; TSENG, I.-F.; LIN, T.-Y.; SHIN, C.-Y.; OU, S.-H. Review of countermeasures against beach erosion on the Taiwanese coast. *Coastal Management*, 36(3), 274-293, 2008.
- (3353) ISKANDER, M.M.; ABO ZED, A.B.I.; EL SAYED, W.R.; FANOS, A.M. Evaluation of existing marina coastal problems, western Mediterranean coast, Egypt. *Egyptian Journal of Aquatic Research*, 34(1), 12-30, 2008. [Impact of jetty construction]
- (3354) JONES, A.M.; GARDNER, S.; SINCLAIR, W. Losing 'Nemo': bleaching and collection appear to reduce inshore populations of anemonefishes. *Journal of Fish Biology*, 73(3), 753-761, 2008. [Fishing; aquarium collecting]
- (3355) KASTELEIN, R.A.; VERBOOM, W.C.; JENNINGS, N.; DE HAAN, D.; VAN DER HEUL, S. The influence of 70 and 120 kHz tonal signals on the behavior of harbor porpoises (*Phocoena phocoena*) in a floating pen. *Marine Environmental Research*, 66(3), 319-326, 2008.
- (3356) SARKAR, S.K. Dolphins in Chilika Lake - endangered due to tourist activities. *Journal of Indian Ocean Studies*, 15(2), 283-291, 2007.
- (3357) SIMPSON, S.D.; MEEKAN, M.G.; JEFFS, A.; MONTGOMERY, J.C.; MCCAULEY, R.D. Settlement-stage coral reef fish prefer the higher-frequency invertebrate-generated audible component of reef noise. *Animal Behaviour*, 75(6), 1861-1868, 2008.
- (3358) SUEDEL, B.C.; KIM, J.; CLARKE, D.G.; LINKOV, I. A risk-informed decision framework for setting environmental windows for dredging projects. *Science of the Total Environment*, 403(1-3), 1-11, 2008.

Section 10: Non-indigenous Species

- (3359) ALDRIDGE, D.C.; SALAZAR, M.; SERNA, A.; COCK, J. Density-dependent effects of a new invasive false mussel, *Mytilopsis trautwineana* (Tryon 1866), on shrimp, *Litopenaeus vannamei* (Boone 1931), aquaculture in Colombia. *Aquaculture*, 281(1-4), 34-42, 2008.
- (3360) BARORD, G.J.; GRAHAM, W.M.; BAYHA, K.M. First report of the invasive medusa, *Phyllorhiza punctata* von Lenden-feld (1884), in Galveston Bay, Texas. *Gulf of Mexico Science*, 25(2), 166-167, 2007.
- (3361) BREEN, E.; METAXAS, A. A comparison of predation rates by non-indigenous and indigenous crabs (juvenile *Carcinus maenas*, juvenile *Cancer irroratus*, and adult *Dyspanopeus sayi*) in laboratory and field experiments. *Estuaries and Coasts*, 31(4), 728-737, 2008.
- (3362) BURKE, K.; BATALLER, E.; MIRON, G.; OUELLETTE, M.; TREMBLAY, R. Larval quality of a nonnative bivalve species (European oyster, *Ostrea edulis*) off the east Canadian coast. *Journal of Shellfish Research*, 27(4), 701-710, 2008.
- (3363) BUSHAW-NEWTON, K.L.; KREEGER, D.A.; DOATY, S.; VELINSKY, D.J. Utilization of *Spartina*- and *Phragmites*-derived dissolved organic matter by bacteria and ribbed mussels (*Geukensia demissa*) from Delaware Bay salt marshes. *Estuaries and Coasts*, 31(4), 694-703, 2008.
- (3364) FONSECA DE SOUZA ROLIM, M.H.; LEPPAKOSKI, E.; LIBRANDO, G. The international law on ballast water: preventing biopollution. *Publications on Ocean Development*, 63, 424p., 2008.
- (3365) GONZALEZ, A.; LAMBERT, A.; RICCIARDI, A. When does ecosystem engineering cause invasion and species replacement? *Oikos*, 117(8), 1247-1257, 2008.
- (3366) HUNTER, C.L.; KRAUSE, E.; FITZPATRICK, J.; KENNEDY, J. Current and historic distribution and abundance of the inarticulated brachiopod, *Lingula reevii* Davidson (1880), in Kaneohe Bay, Oahu, Hawaii, USA. *Marine Biology*, 155(2), 205-210, 2008. [Decline in abundance; decreased organic enrichment; sewage discharge; alien algae invasion]
- (3367) JOHNSON, C.R., (EDITOR). *Seaweed invasions: a synthesis of ecological, economic and legal imperatives*. [147p.]. Berlin: Walter de Gruyter, 2007. (Reprinted from *Botanica Marina* 50(5/6) 2007)
- (3368) KOJIMA, S.; OZEKI, S.; IJIMA, A.; OKOSHI, K.; SUZUKI, T.; HAYASHI, I.; FUROTA, T. Genetic characteristics of three recently discovered populations of the tideland snail *Cerithidea djadjariensis* (Martin) (Mollusca, Gastropoda) from the Pacific coast of the eastern Japan. *Plankton and Benthos Research*, 3(2), 96-100, 2008.
- (3369) LELLI, S.; COLLOCA, F.; CARPENTIERI, P.; RUSSELL, B.C. The threadfin bream *Nemipterus randalli* (Perciformes: Nemipteridae) in the eastern Mediterranean Sea. *Journal of Fish Biology*, 73(3), 740-745, 2008. [Lessepsian migration]
- (3370) LYNCH, S.A.; MULCAHY, M.F.; CULLOTY, S.C. Efficiency of diagnostic techniques for the parasite, *Bonamia ostreae*, in the flat oyster, *Ostra edulis*. *Aquaculture*, 281(1-4), 17-21, 2008. [Oysters from Cork Harbour]
- (3371) MALJKOVIC, A.; VAN LEEUWEN, T.E.; COVE, S.N. Predation on the invasive red lionfish, *Pterois volitans* (Pisces: Scorpaenidae), by native groupers in the Bahamas. *Coral Reefs*, 27(3), p.501, 2008.

- (3372) MASTROTOTARO, F.; D'ONGHIA, G.; TURSI, A. Spatial and seasonal distribution of ascidians in a semi-enclosed basin of the Mediterranean Sea. *Journal of the Marine Biological Association of the United Kingdom*, 88(5), 1053-1061, 2008.
- (3373) MUNARI, C. Effects of the exotic invader *Musculista senhousia* on benthic communities of two Mediterranean lagoons. *Hydrobiologia*, 611, 29-43, 2008.
- (3374) RUEBHART, D.R.; COCK, I.E.; SHAW, G.R. Invasive character of the brine shrimp *Artemia franciscana* Kellogg 1906 (Branchiopoda: Anostraca) and its potential impact on Australian inland hypersaline waters. *Marine and Freshwater Research*, 59(7), 587-595, 2008.
- (3375) SECILLA, A.; SANTOLARIA, A.; DIEZ, I.; BERICIBAR, E.; DIAZ, P.; BARBARA, I.; GOROSTIAGA, J.M. *Scageliopsis patens* (Ceramiales, Rhodophyta), a new introduced species along the European coast. *Cryptogamie Algologie*, 29(3), 191-199, 2008.
- (3376) SELIM, S.A. New records of sabellid species (Polychaeta: Sabellinae) from the coastal Egyptian waters. *Egyptian Journal of Aquatic Research*, 34(1), 108-125, 2008.
- (3377) SIAPATIS, A.; GIANNOULAKI, M.; VALAVANIS, V.D.; PALIALEXIS, A.; SCHISMENOU, E.; MACHIAS, A.; SOMARAKIS, S. Modelling potential habitat of the invasive ctenophore *Mnemiopsis leidyi* in Aegean Sea. *Hydrobiologia*, 612, 281-295, 2008.
- (3378) STEINBERG, M.K.; KRIMSKY, L.S.; EPIFANIO, C.E. Induction of metamorphosis in the Asian shore crab *Hemigrapsus sanguineus*: effects of biofilms and substratum texture. *Estuaries and Coasts*, 31(4), 738-744, 2008.
- (3379) SUREDA, A.; BOX, A.; TERRADOS, J.; DEUDERO, S.; PONS, A. Antioxidant response of the seagrass *Posidonia oceanica* when epiphytized by the invasive macroalgae *Lophocladia lallemandii*. *Marine Environmental Research*, 66(3), 359-363, 2008.
- (3380) WEST, J.A.; ZUCCARELLO, G.C.; WEST, K.A.; LOISEAUX-DE GOER, S. New records of algae from Efate, Vanuatu. *Cryptogamie Algologie*, 29(3), 235-254, 2008.
- (3381) WORKMAN, M.L.; MERZ, J.E. Introduced yellowfin goby, *Acanthogobius flavimanus* diet and habitat use in the Lower Mokelumne River, California. *San Francisco Estuary and Watershed Science*, 5(1), [np.], 2007.