

ISSN 1742-7614 (online)

Marine Pollution Research Titles

Vol. 34 No. 11 November 2007

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Volume 34: January - December 2007:
£120 (US \$230) 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

- (7647) AGUADO-GINMENEZ, F.; MARIN, A.; MONTOYA, S.; MARIN-GUIRAO, L.; PIEDECAUSA, A.; GARCIA-GARCIA, B. Comparison between some procedures for monitoring offshore cage culture in western Mediterranean Sea: sampling methods and impact indicators in soft substrata. *Aquaculture*, 271(1-4), 357-370, 2007. [Nutrients; acid volatile sulphide; organic enrichment]
- (7648) ANDERSON, J.T., (EDITOR). Acoustic seabed classification of marine physical and biological landscapes. ICES Cooperative Research Report, 286, iii, 185p., 2007.
- (7649) ATAIE-ASHTIANI, B. MODSharp: regional-scale numerical model for quantifying groundwater flux and contaminant discharge into the coastal zone. *Environmental Modelling and Software*, 22(9), 1307-1315, 2007.
- (7650) BORJA, A.; ELLIOTT, M. What does 'good ecological potential' mean, within the European Water Framework Directive? *Marine Pollution Bulletin*, 54(10), 1559-1564, 2007.
- (7651) BRACKE, S. GIS on indicators of sustainable development for the SAIL coastal region. Description and preliminary results. 49p. Flanders Marine Institute (VLIZ), 2004.
- (7652) BUTT, N. The impact of cruise ship generated waste on home ports and ports of call: a study of Southampton. *Marine Policy*, 31(5), 591-598, 2007. [Southampton]
- (7653) CHAINHO, P.; COSTA, J.L.; CHAVES, M.L.; DAUER, D.M.; COSTA, M.J. Influence of seasonal variability in benthic invertebrate community structure on the use of biotic indices to assess the ecological status of a Portuguese estuary. *Marine Pollution Bulletin*, 54(10), 1586-1597, 2007.
- (7654) CHEN, X. A laterally averaged two-dimensional trajectory model for estimating transport time scales in the Alafia River estuary, Florida. *Estuarine, Coastal and Shelf Science*, 75(3), 358-370, 2007.
- (7655) COULLIETTE, C.; LEKIEN, F.; PADUAN, J.D.; HALLER, G.; MARSDEN, J.E. Optimal pollution mitigation in Monterey Bay based on coastal radar data and nonlinear dynamics. *Environmental Science and Technology*, 41(18), 6562-6572, 2007.
- (7656) CRANFORD, P.J. Scallops and marine contaminants. In: Shumway, S.E.; Parsons, G.J., (editors). *Scallop ecology: distributions and behaviour*. Second edition. p.745-764. Amsterdam: Elsevier, 2006. (Develops in *Aquaculture and Fisheries Science* 35)
- (7657) CUNHA LANA, P. DA; BIANCHINI, A.; OLIVEIRA RIBEIRO, C.A. DE; NIENCHESKI, L.F.H.; FILLMANN, G.; SANTOS, C.S.G. Avaliacao Ambiental de Estuarios Brasileiros: diretrizes metodologicas. 156p. Rio de Janeiro: Museu Nacional, 2006. (Serie Livros 22) [Projeto RECOs. Uso e Apropriacao de Recursos Costeiros. Grupo Tematico. Biodiversidade e Qualidade Ambiental]
- (7658) DANOVARO, R.; PUSCEDDU, A. Ecomanagement of biodiversity and ecosystem functioning in the Mediterranean Sea: concerns and strategies. *Chemistry and Ecology*, 23(5), 347-360, 2007.
- (7659) DOMINGUEZ, L.M.; MARTIN, J.M.V. Impacto ambiental de jaulas flotantes: estado actual de conocimientos y conclusiones practicas. *Boletin. Instituto Espanol de Oceanografia*, 21(1-4), 75-81, 2005. [Aquaculture; floating cages; environmental impact]

- (7660) DUARTE, C.M.; MARBA, N.; KRAUSE-JENSEN, D.; SANCHEZ-CAMACHO, M. Testing the predictive power of seagrass depth limit models. *Estuaries and Coasts*, 30(4), 652-656, 2007. [Water quality; turbidity]
- (7661) ELAHEE, K.B.; BHAGWANT, S. Hematological and gill histopathological parameters of three tropical fish species from a polluted lagoon on the west coast of Mauritius. *Ecotoxicology and Environmental Safety*, 68(3), 361-371, 2007. [Cd; Cu; Fe; Hg; Pb; Zn; BOD; DO; TDS]
- (7662) ESCOFET, A.; BRAVO-PENA, L.C. Overcoming environmental deterioration through defensive expenditures: field evidence from Bahia del Tobari (Sonora, Mexico) and implications for coastal impact assessment. *Journal of Environmental Management*, 84(3), 266-273, 2007. [Water quality; land-use patterns; siltation]
- (7663) FERWERDA, J.G.; DE LEEUW, J.; ATZBERGER, C.; VEKERDY, Z. Satellite-based monitoring of tropical seagrass vegetation: current techniques and future developments. *Hydrobiologia*, 591, 59-71, 2007. [Review]
- (7664) FLEISCHER, D.; GREMARE, A.; LABRUNE, C.; RUMOHR, H.; BERGHE, E.V.; ZETTLER, M.L. Performance comparison of two biotic indices measuring the ecological status of water bodies in the Southern Baltic and Gulf of Lions. *Marine Pollution Bulletin*, 54(10), 1598-1606, 2007. [AMBI; BQI; Water Framework Directive; Kiel Bay; Baltic Sea]
- (7665) GARMENDIA, J.M.; PARADA, J.M.; MURILLO, J.; MORA, J. Profundización mínima necesaria para la evaluación de impactos de cultivos marinos sobre la fauna bentónica. *Boletín. Instituto Español de Oceanografía*, 21(1-4), 19-28, 2005.
- (7666) GILMAN, E.; ELLISON, J. Efficacy of alternative low-cost approaches to mangrove restoration, American Samoa. *Estuaries and Coasts*, 30(4), 641-651, 2007.
- (7667) GOMEZ-DIAZ, E.; GONZALEZ-SOLIS, J. Geographic assignment of seabirds to their origin: combining morphologic, genetic, and biogeochemical analyses. *Ecological Applications*, 17(5), 757-773, 2007.
- (7668) HEISE, K.; ESTEVEZ, M.S.; PUNTARULO, S.; GALLEANO, M.; NIKINMAA, M.; PORTNER, H.O.; ABELE, D. Effects of seasonal and latitudinal cold on oxidative stress parameters and activation of hypoxia inducible factor (HIF-1) in zoarcid fish. *Journal of Comparative Physiology B*, 177(7), 765-777, 2007. [North Sea eelpout; Antarctic eelpout; oxidative stress]
- (7669) KANKARA, R.S.; SUBRAMANIAN, B.R.; SAMPATH, V. Validation of a deterministic hydrodynamic model in the ICZM framework for Gulf of Kachchh, India. *Journal of Coastal Research*, 23(5), 1324-1331, 2007.
- (7670) LIN, I.-I.; CHEN, J.-P.; WONG, G.T.F.; HUANG, C.-W.; LIEN, C.-C. Aerosol input to the South China Sea: results from the MODerate Resolution Imaging Spectroradiometer, the Quick Scatterometer, and the Measurements of Pollution in the Troposphere Sensor. *Deep-Sea Research II*, 54(14/15), 1589-1601, 2007. [MODIS]
- (7671) LOPEZ, M.A.; GAZQUEZ, N.; OLMO-VIDAL, J.M.; APRAHAMIAN, M.W.; GISBERT, E. The presence of anadromous twaite shad (*Alosa fallax*) in the Ebro River (western Mediterranean, Spain): an indicator of the population's recovery? *Journal of Applied Ichthyology*, 23(2), 163-166, 2007. [Improved water quality]
- (7672) MACIAS, J.C.; COLLADO, J.; ALAMO, C.; ESCALONA, M.; GARCIA, E. Seguimiento ambiental para instalaciones de acuicultura marina. *Boletín. Instituto Español de Oceanografía*, 21(1-4), 57-66, 2005.

- (7673) MARIN, A.; MONTOYA, S.; VITA, R.; MARIN-GUIRAO, L.; LLORET, J.; AGUADO, F. Utility of sea urchin embryo-larval bioassays for assessing the environmental impact of marine fishcage farming. *Aquaculture*, 271(1-4), 286-297, 2007. [Sulphides; nutrients; sediment quality; organic matter]
- (7674) MARTI, E.; MARTI, C.M.; MARTINEZ, R.; PACHES, M.; FALCO, S. El programa de vigilancia ambiental de piscifactorias en jaulas flotantes. *Boletín. Instituto Español de Oceanografía*, 21(1-4), 67-73, 2005. [Eutrophication]
- (7675) MARTI, X.; LESCRAUWAET, A.-K.; BORG, M.; VALLS, M., (EDITORS). Indicators guidelines. To adopt an indicators-based approach to evaluate coastal sustainable development. 97p. Barcelona: Government of Catalonia, 2007. [Coastal zone management]
Available at: <http://www.vliz.be/imisdocs/publications/121281.pdf>.
- (7676) MENZA, C.; KENDALL, M.; ROGERS, C.; MILLER, J. A deep reef in deep trouble. *Continental Shelf Research*, 27(17), 2224-2230, 2007.
- (7677) MEYERS, S.D.; LUTHER, M.E.; WILSON, M.; HAVENS, H.; LINVILLE, A.; SOPKIN, K. A numerical simulation of residual circulation in Tampa Bay. Part 1: low-frequency temporal variations. *Estuaries and Coasts*, 30(4), 679-697, 2007.
- (7678) MUNARI, C.; MISTRI, M. Structure and secondary production of the macrobenthic community in an aquatic transition environment of the Gulf of Olbia, Mediterranean Sea. *Indian Journal of Marine Sciences*, 36(3), 216-226, 2007.
- (7679) NESATYY, V.J.; SUTER, M.J.-F. Proteomics for the analysis of environmental stress responses in organisms. *Environmental Science and Technology*, 41(20), 6891-6900, 2007. [Critical review]
- (7680) NG, S.M.Y.; WAI, O.W.H.; XU, Z.H.; LI, Y.S.; CHEN, H.L.; LI, Z.L. Development of a GIS for managing dynamic, 3D coastal information of Pearl River Estuary. *Journal of Hydroinformatics*, 9(3), 215-232, 2007. [Water quality]
- (7681) O'CONNELL, M.T.; SHEPHERD, T.D.; O'CONNELL, A.M.U.; MYERS, R.A. Long-term declines in two apex predators, bull sharks (*Carcharhinus leucas*) and alligator gar (*Atractosteus spatula*), in Lake Pontchartrain, an oligohaline estuary in southeastern Louisiana. *Estuaries and Coasts*, 30(4), 567-574, 2007.
- (7682) PETTINE, M.; CASENTINI, B.; FAZI, S.; GIOVANARDI, F.; PAGNOTTA, R. A revisitación of TRIx for trophic status assessment in the light of the European Water Framework Directive: application to Italian coastal waters. *Marine Pollution Bulletin*, 54(9), 1413-1426, 2007.
- (7683) PRANOVI, P.; DA PONTE, F.; TORRICELLI, P. Application of biotic indices and relationship with structural and functional features of macrobenthic community in the lagoon of Venice: an example over a long time series of data. *Marine Pollution Bulletin*, 54(10), 1607-1618, 2007. [AMBI; Bentix; BOPA]
- (7684) RACHOR, E.; REISS, H.; DEGRAER, S.; DUINEVELD, G.C.A.; VAN HOEY, G.; LAVALEYE, M.; WILLEMS, W.; REES, H.L. Patterns and changes in the macro-zoobenthos (1986-2000). Structure, distribution, and characterizing species of North Sea macro-zoobenthos communities in 2000. *ICES Cooperative Research Report*, 288, 46-59, 2007. [Including eastern English Channel]
- (7685) REES, H.L.; EGGLETON, J.D.; RACHOR, E.; VANDEN BERGHE, E., (EDITORS). Structure and dynamics of the North Sea benthos. *ICES Cooperative Research Report*, 288, 259p., 2007.

- (7686) REES, H.L.; RACHOR, E.; ALDRIDGE, J.N. The North Sea environment. Synopsis and human influences. ICES Cooperative Research Report, 288, 21-27, 2007.
- (7687) RETZEL, A.; HANSEN, A.D.; GRONKJAER, P. Otolith growth of Springer's demoiselle, *Chrysiptera springeri* (Pomacentridae, Allen & Lubbock), on a protected and non-protected coral reef. *Journal of Applied Ichthyology*, 23(5), 568-572, 2007. [Habitat degradation]
- (7688) RODRIGUES, L.J.; GROTTOLI, A.G. Energy reserves and metabolism as indicators of coral recovery from bleaching. *Limnology and Oceanography*, 52(5), 1874-1882, 2007.
- (7689) ROSAS, C.; COOPER, E.L.; PASCUAL, C.; BRITO, R.; GELABERT, R.; MORENO, T.; SANCHEZ, A. Physiological and immunological conditions of wild populations of *Farfantepenaeus duorarum* from the campeche sound (Crustacea, Penaeidae). *Marine Biology*, 152(4), 929-938, 2007. [Ecosystem health; anthropogenic stress]
- (7690) SCHRATZBERGER, M. Ecosystem interactions: faunal components, fishing practices, and parallel studies. Patterns of nematode populations in the southwestern North Sea and their link to other components of the benthic fauna. ICES Cooperative Research Report, 288, 172-176, 2007.
- (7691) SONNE, C.; DIETZ, R.; BORN, E.W.; RIGET, F.F.; LEIFSSON, P.S.; BECHSHOFT, T.O.; KIRKEGAARD, M. Spatial and temporal variation in size of polar bear (*Ursus maritimus*) sexual organs and its use in pollution and climate change studies. *Science of the Total Environment*, 387(1-3), 237-246, 2007.
- (7692) TAYLOR, J.C.; RAND, P.S.; JENKINS, J. Swimming behavior of juvenile anchovies (*Anchoa* spp.) in an episodically hypoxic estuary: implications for individual energetics and trophic dynamics. *Marine Biology*, 152(4), 939-957, 2007. [Hypoxia; water quality]
- (7693) VALDEZ DOMINGOS, F.X.; AZEVEDO, M.; SILVA, M.D.; RANDI, M.A.F.; FREIRE, C.A.; SILVA DE ASSIS, H.C.; OLIVEIRA RIBEIRO, C.A. Multibiomarker assessment of three Brazilian estuaries using oysters as bioindicators. *Environmental Research*, 105(3), 350-363, 2007. [ATPase; cholinesterase; condition index; histopathology]
- (7694) VAN HOEY, G.; REES, H.L.; VANDEN BERGHE, E. Patterns and changes in the macro-zoobenthos (1986-2000). A comparison of indicators reflecting the status of the North Sea benthos. ICES Cooperative Research Report, 288, 116-127, 2007.
- (7695) VAN LANGEVELDE, F.; PRINS, H., (EDITORS). Theme. Resilience and restoration of soft-bottom near-shore ecosystems. *Hydrobiologia*, 591, 1-98, 2007.
- (7696) WANG, Y.; RIDD, P.V.; HERON, M.L.; STIEGLITZ, T.; ORPIN, A.R. Flushing time of solutes and pollutants in the central Great Barrier Reef lagoon, Australia. *Marine and Freshwater Research*, 58(8), 778-791, 2007.
- (7697) WEI, H.; HE, Y.; LI, Q.; LIU, Z.; WANG, H. Summer hypoxia adjacent to the Changjiang Estuary. *Journal of Marine Systems*, 67(3/4), 292-303, 2007. [Nutrient load]
- (7698) WINFIELD, I.; ABARCA-ARENAS, L.G.; CHAZARO-OLVEREA, S. Crustacean macrofoulers in the Veracruz coral reef system, SW Gulf of Mexico: checklist, spatial distribution and diversity. *Cahiers de Biologie Marine*, 48(3), 287-295, 2007. [Sewage discharge; anthropogenic impact]

(7699) ZAKER, N.H.; IMBERGER, J.; PATTIARATCHI, C. Dynamics of the coastal boundary layer off Perth, Western Australia. *Journal of Coastal Research*, 23(5), 1112-1130, 2007. [Effluent outfall]

(7700) ZHOU, H.; ZHANG, Z.N.; LIU, X.S.; TU, L.H.; YU, Z.S. Changes in the shelf macrobenthic community over large temporal and spatial scales in the Bohai Sea, China. *Journal of Marine Systems*, 67(3/4), 312-321, 2007. [Over-fishing; pollution]

Section 2: Petroleum Hydrocarbons

(7701) AHMED, A.S.; WEBSTER, L.; POLLARD P.; DAVIES, I.M.; MOFFAT, C.F. Description and evaluation of a sampling system for monitoring hydrocarbons in sediments. *Journal of Environmental Monitoring*, 9(7), 730-739, 2007. [Firth of Clyde; Firth of Forth; PAHs; n-alkanes]

(7702) ALONSO-ALVAREZ, C.; MUNILLA, I.; LOPEZ-ALONSO, M.; VELANDO, A. Sublethal toxicity of the Prestige oil spill on yellow-legged gulls. *Environment International*, 33(6), 773-781, 2007. [PAHs]

(7703) BELLAS, J.; THOR, P. Effects of selected PAHs on reproduction and survival of the calanoid copepod *Acartia tonsa*. *Ecotoxicology*, 16(6), 465-474, 2007.

(7704) BEYREM, H.; MAHMOUDI, E.; ESSID, N.; HEDFI, A.; BOUFAHJA, F.; AISSA, P. Individual and combined effects of cadmium and diesel on a nematode community in a laboratory microcosm experiment. *Ecotoxicology and Environmental Safety*, 68(3), 412-418, 2007. [Cd]

(7705) BOEHM, P.D.; PAGE, D.S.; NEFF, J.M.; JOHNSON, C.B. Potential for sea otter exposure to remnants of buried oil from the Exxon Valdez oil spill. *Environmental Science and Technology*, 41(19), 6860-6867, 2007.

(7706) BORDENAVE, S.; GONI-URRIZA, M.S.; CAUMETTE, P.; DURAN, R. Effects of heavy fuel oil on the bacterial community structure of a pristine microbial mat. *Applied and Environmental Microbiology*, 73(19), 6089-6097, 2007.

(7707) CRANFORD, P.J. Scallops and marine contaminants. In: Shumway, S.E.; Parsons, G.J., (editors). *Scallop ecology: distributions and behaviour*. Second edition. p.745-764. Amsterdam: Elsevier, 2006. (Develops in Aquaculture and Fisheries Science 35)

(7708) CUNHA LANA, P. DA; BIANCHINI, A.; OLIVEIRA RIBEIRO, C.A. DE; NIENCHESKI, L.F.H.; FILLMANN, G.; SANTOS, C.S.G. Avaliacao Ambiental de Estuarios Brasileiros: diretrizes metodologicas. 156p. Rio de Janeiro: Museu Nacional, 2006. (Serie Livros 22) [Projeto RECOS. Uso e Apropriacao de Recursos Costeiros. Grupo Tematico. Biodiversidade e Qualidade Ambiental]

(7709) DEL SONTRO, T.S.; LEIFER, I.; LUYENDYK, B.P.; BROITMAN, B.R. Beach tar accumulation, transport mechanisms, and sources of variability at Coal Oil Point, California. *Marine Pollution Bulletin*, 54(9), 1461-1471, 2007. [Oil slicks; tar balls]

(7710) EIDE, M.S.; ENDRESEN, O.; BREIVIK, O.; BRUDE, O.W.; ELLINGSEN, I.H.; ROANG, K.; HAUGE, J.; BRETT, P.O. Prevention of oil spill from shipping by modelling of dynamic risk. *Marine Pollution Bulletin*, 54(10), 1619-1633, 2007.

(7711) ELHAKHEEM, A.A.; ELSHORBAGY, W.; CHEBBI, R. Oil spill simulation and validation in the Arabian (Persian) Gulf with special reference to the UAE coast. *Water, Air, and Soil Pollution*, 184(1-4), 243-254, 2007.

(7712) EVANS, A.D.; NIPPER, M. Toxicity of phenanthrene and lindane mixtures to marine invertebrates. *Environmental Toxicology*, 22(5), 495-501, 2007. [PAH]

(7713) GOANVEC, C.; THERON, M. Approche des effets des pollutions accidentelles par les hydrocarbures sur les poissons. *Oceanis*, 30(3), 411-439, 2004. [Oil spills; biomarkers; PAHs]

- (7714) GUO, Z.; LIN, T.; ZHANG, G.; ZHENG, M.; ZHANG, Z.; HAO, Y.; FANG, M. The sedimentary fluxes of polycyclic aromatic hydrocarbons in the Yangtze River Estuary coastal sea for the past century. *Science of the Total Environment*, 386(1-3), 33-41, 2007. [PAHs]
- (7715) HOUTMAN, C.J.; LEONARDS, P.E.G.; KAPITEIJN, W.; BAKKER, J.F.; BROUWER, A.; LAMOREE, M.H.; LEGLER, J.; KLAMER, H.J.C. Sample preparation method for the ER-CALUX bioassay screening of (xeno-)estrogenic activity in sediment extracts. *Science of the Total Environment*, 386(1-3), 134-144, 2007. [Bisphenol A; alpha-chlordane; DDTs; dieldrin; beta-endosulfan; 4-nonylphenol; 4-octylphenol; PCB 29; TCBPA; benz(g,h,i)perylene; lindane; tetrachlorobisphenol; PBB; polybromobiphenyl; BDE; bromodiphenylether; E2; 17 beta-estradiol]
- (7716) HUMPHREY, C.A.; KING, S.C.; KLUMPP, D.W. A multibiomarker approach in barramundi (*Lates calcarifer*) to measure exposure to contaminants in estuaries of tropical North Queensland. *Marine Pollution Bulletin*, 54(10), 1569-1581, 2007. [Arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn; pollution gradient; EROD; cytochrome P450; FACs; DNA integrity; ChE; diuron; PAHs]
- (7717) KANKARA, R.S.; SUBRAMANIAN, B.R. Oil spill sensitivity analysis and risk assessment for Gulf of Kachchh, India, using integrated modeling. *Journal of Coastal Research*, 23(5), 1251-1258, 2007. [GIS]
- (7718) KRANG, A.-S. Naphthalene disrupts pheromone induced mate search in the amphipod *Corophium volutator* (Pallas). *Aquatic Toxicology*, 85(1), 9-18, 2007.
- (7719) LARSEN, J.L.; DURINCK, J.; SKOV, H. Trends in chronic marine oil pollution in Danish waters assessed using 22 years of beached bird surveys. *Marine Pollution Bulletin*, 54(9), 1333-1340, 2007.
- (7720) LEIFER, I.; WILSON, K. The tidal influence on oil and gas emissions from an abandoned oil well: nearshore Summerland, California. *Marine Pollution Bulletin*, 54(9), 1495-1506, 2007. [Methane; seepage; natural and anthropogenic sources]
- (7721) LIEBENS, J.; MOHRHERR, C.J.; RAO, K.R. Sediment pollution pathways of trace metals and petroleum hydrocarbons in a small industrialized estuary: Bayou Chico, Pensacola, FL. *Marine Pollution Bulletin*, 54(9), 1529-1539, 2007. [PAHs; arsenic; Cd; Cr; Cu; Hg; Pb; Sb; Tl; Zn]
- (7722) LIN, B.; LIN, C.-Y.; JONG, T.-C. Investigation of strategies to improve the recycling effectiveness of waste oil from fishing vessels. *Marine Policy*, 31(4), 415-420, 2007.
- (7723) NORENA-BARROSO, E.; GOLD-BOUCHOT, G.; CEJA-MORENO, V. Temporal variation of persistent organic pollutant (POP) residue concentrations in sediments from the Bay of Chetumal, Mexico. *Bulletin of Environmental Contamination and Toxicology*, 79(2), 141-146, 2007. [Chlordanes; DDTs; HCHs; PCBs; drins; TCBs; PAHs]
- (7724) OKUS, E.; GUVEN, K.C.; UYSAL, A.; UNLU, S.; GEZGIN, T.; NESIMIGIL, F.; CUMAH, S.; YALCIN, A. Petroleum pollution by Volgoneft-248 tanker accident occurred on 29.12.1999 in Istanbul, Florya-Kucukcekmece area. *Journal of the Black Sea/Mediterranean Environment*, 13(2), 119-138, 2007. [Oil spill; PAHs; aliphatic hydrocarbons]
- (7725) PERIANEZ, R. Chemical and oil spill rapid response modelling in the Strait of Gibraltar-Alboran Sea. *Ecological Modelling*, 207(2-4), 210-222, 2007.

(7726) SABORIDO-REY, F.; DOMINGUEZ-PETIT, R.; TOMAS, J.; MORALES-NIN, B.; ALONSO-FERNANDEZ, A. Growth of juvenile turbot in response to food pellets contaminated by fuel oil from the tanker 'Prestige'. Marine Ecology Progress Series, 345, 271-279, 2007. [PAHs]

(7727) THAVASI, R.; JAYALAKSHMI, S.; RADHAKRISHNAN, R.; BALASUBRAMANIAN, T. Plasmid incidence in four species of hydrocarbonoclastic bacteria isolated from oil polluted marine environment. Biotechnology, 6(3), 349-352, 2007.

(7728) TROISI, G.; BORJESSON, L.; BEXTON, S.; ROBINSON, I. Biomarkers of polycyclic aromatic hydrocarbon (PAH)-associated hemolytic anemia in oiled wildlife. Environmental Research, 105(3), 324-329, 2007. [The Wash]

(7729) WESSEL, N.; ROUSSEAU, S.; CAISEY, X.; QUINIOU, F.; AKCHA, F. Investigating the relationship between embryotoxic and genotoxic effects of benzo[a]pyrene, 17alpha-ethinylestradiol and endosulfan on Crassostrea gigas embryos. Aquatic Toxicology, 85(2), 133-142, 2007.

Section 3: Metals

- (7730) AL-REASI, H.A.; ABABNEH, F.A.; LEAN, D.R. Evaluating mercury biomagnification in fish from a tropical marine environment using stable isotopes (delta super (13)C and delta super (15)N). *Environmental Toxicology and Chemistry*, 26(8), 1572-1581, 2007. [Hg]
- (7731) BALKIS, N.; TOPCUOGLU, S.; GUVEN, K.C.; OZTURK, B.; TOPALOGLU, B.; KIRBASOGLU, C.; AKSU, A. Heavy metals in shallow sediments from the Black Sea, Marmara Sea and Aegean Sea regions of Turkey. *Journal of the Black Sea/Mediterranean Environment*, 13(2), 147-153, 2007. [Cd; Co; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (7732) BEYREM, H.; MAHMOUDI, E.; ESSID, N.; HEDFI, A.; BOUFAHJA, F.; AISSA, P. Individual and combined effects of cadmium and diesel on a nematode community in a laboratory microcosm experiment. *Ecotoxicology and Environmental Safety*, 68(3), 412-418, 2007. [Cd]
- (7733) BLANVILLAIN, G.; SCHWENTER, J.A.; DAY, R.D.; POINT, D.; CHRISTOPHER, S.J.; ROUMILLAT, W.A.; OWENS, D.W. Diamondback terrapins, *Malaclemys terrapin*, as a sentinel species for monitoring mercury pollution of estuarine systems in South Carolina and Georgia, USA. *Environmental Toxicology and Chemistry*, 26(7), 1441-1450, 2007. [Hg; methyl mercury]
- (7734) BROOKS, S.J.; BOLAM, T.; TOLHURST, L.; BASSETT, J.; LA ROCHE, J.; WALDOCK, M.; BARRY, J.; THOMAS, K.V. Effects of dissolved organic carbon on the toxicity of copper to the developing embryos of the Pacific oyster (*Crassostrea gigas*). *Environmental Toxicology and Chemistry*, 26(8), 1756-1763, 2007. [Cu]
- (7735) BURGER, J.; GOCHFELD, M. Risk to consumers from mercury in Pacific cod (*Gadus macrocephalus*) from the Aleutians: fish age and size effects. *Environmental Research*, 105(2), 276-284, 2007. [Hg; Se]
- (7736) BURGER, J.; GOCHFELD, M.; SULLIVAN, K.; IRONS, D. Mercury, arsenic, cadmium, chromium lead, and selenium in feathers of pigeon guillemots (*Cephus columba*) from Prince William Sound and the Aleutian Islands of Alaska. *Science of the Total Environment*, 387(1-3), 175-184, 2007. [Arsenic; Cd; Cr; Hg; Pb; Se]
- (7737) CASTRO, L.F.C.; LIMA, D.; MACHADO, A.; MELO, C.; HIROMORI, Y.; NISHIKAWA, J.; NAKANISHI, T.; REIS-HENRIQUES, M.A.; SANTOS, M.M. Imposex induction is mediated through the Retinoid X Receptor signalling pathway in the neogastropod *Nucella lapillus*. *Aquatic Toxicology*, 85(1), 57-66, 2007. [TBT; 9-cis-retinoic acid; methoprene acid; testosterone]
- (7738) CRANFORD, P.J. Scallops and marine contaminants. In: Shumway, S.E.; Parsons, G.J., (editors). *Scallop ecology: distributions and behaviour*. Second edition. p.745-764. Amsterdam: Elsevier, 2006. (Develops in Aquaculture and Fisheries Science 35)
- (7739) CUNHA LANA, P. DA; BIANCHINI, A.; OLIVEIRA RIBEIRO, C.A. DE; NIENCHESKI, L.F.H.; FILLMANN, G.; SANTOS, C.S.G. Avaliacao Ambiental de Estuarios Brasileiros: diretrizes metodologicas. 156p. Rio de Janeiro: Museu Nacional, 2006. (Serie Livros 22) [Projeto RECOS. Uso e Apropriacao de Recursos Costeiros. Grupo Tematico. Biodiversidade e Qualidade Ambiental]
- (7740) DEUDERO, S.; BOX, A.; MARCH, D.; VALENCIA, J.M.; GRAU, A.M.; TINTORE, J.; BENEDICTO, J. Temporal trends of metals in benthic invertebrate species from the Balearic Islands, Western Mediterranean. *Marine Pollution Bulletin*, 54(9), 1545-1558, 2007. [Ag; arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn]

- (7741) ELAHEE, K.B.; BHAGWANT, S. Hematological and gill histopathological parameters of three tropical fish species from a polluted lagoon on the west coast of Mauritius. *Ecotoxicology and Environmental Safety*, 68(3), 361-371, 2007. [Cd; Cu; Fe; Hg; Pb; Zn; BOD; DO; TDS]
- (7742) FAIRBROTHER, A.; WENSTEL, R.; SAPPINGTON, K.; WOOD, W. Framework for Metals Risk Assessment. *Ecotoxicology and Environmental Safety*, 68(2), 145-227, 2007.
- (7743) FAN, L.J.; QU, D.; JIA, L.-Z.; LI, Y.-D.; ZHAO, Y.-L.; WANG, Q. Protective effects of 3 kinds of antioxidants on CdCl₂-induced *Eriocheir sinensis* sperm DNA damage. [In Chinese with English summary]. *Journal of Fisheries of China*, 31(5), 561-567, 2007. [Cd]
- (7744) FANTOZZI, L.; FERRARA, R.; FRONTINI, F.P.; DINI, F. Factors influencing the daily behaviour of dissolved gaseous mercury concentration in the Mediterranean Sea. *Marine Chemistry*, 107(1), 4-12, 2007. [Hg]
- (7745) FERNANDES, C.; FONTAINHAS-FERNANDES, A.; MONTEIRO, S.M.; SALGADO, M.A. Changes in plasma electrolytes and gill histopathology in wild *Liza saliens* from the Esmoriz-Paramos coastal lagoon, Portugal. *Bulletin of Environmental Contamination and Toxicology*, 79(3), 301-305, 2007. [Cu; Pb; Zn]
- (7746) FRIAS-ESPERICUETA, M.G.; IZAGUIRRE-FIERRO, G.; VALENZUELA-QUINONEZ, F.; OSUNA-LOPEZ, J.I.; VOLTOLINA, D.; LOPEZ-LOPEZ, G.; MUY-RANGEL, M.D.; RUBIO-CASTRO, W. Metal content of the Gulf of California blue shrimp *Litopenaeus stylirostris* (Stimpson). *Bulletin of Environmental Contamination and Toxicology*, 79(2), 214-217, 2007. [Cd; Cu; Pb; Zn]
- (7747) GAO, Y., (ET AL). Prenatal exposure to mercury and neurobehavioral development of neonates in Zhoushan City, China. *Environmental Research*, 105(3), 390-399, 2007. [Maternal fish consumption; Hg]
- (7748) GEFFARD, A.; GEFFARD, O.; AMIARD, J.C.; HIS, E.; AMIARD-TRIQUET, C. Bioaccumulation of metals in sediment elutriates and their effects on growth, condition index, and metallothionein contents in oyster larvae. *Archives of Environmental Contamination and Toxicology*, 53(1), 57-65, 2007. [Cd; Cu; Zn; Pb; Bidassoa; Dunkerque]
- (7749) GIARRATANO, E.; COMOGLIO, L.; AMIN, O. Heavy metal toxicity in *Exosphaeroma gigas* (Crustacea, Isopoda) from the coastal zone of Beagle Channel. *Ecotoxicology and Environmental Safety*, 68(3), 451-462, 2007. [Cd; Cu; Zn]
- (7750) GREENFIELD, B.K.; SIEMERING, G.S.; ANDREWS, J.C.; RAJAN, M.; ANDREWS, S.P., JR.; SPENCER, D.F. Mechanical shredding of water hyacinth (*Eichhornia crassipes*): effects on water quality in the Sacramento-San Joaquin River Delta, California. *Estuaries and Coasts*, 30(4), 627-640, 2007. [Hg; nutrients]
- (7751) GUNDAKER, C.; KOMARNICKI, G.; JAGIELLO, P.; GENCIKOVA, A.; DAHMEN, N.; WITTMANN, K.J.; GENCIK, M. Glutathione-S-transferase polymorphism, metallothionein expression, and mercury levels among students in Austria. *Science of the Total Environment*, 385(1-3), 37-47, 2007. [Hg; including seafood consumption]
- (7752) HARFORD, A.J.; O'HALLORAN, K.; WRIGHT, P.F.A. Effect of in vitro and in vivo organotin exposures on the immune functions of Murray cod (*Maccullochella peelii peelii*). *Environmental Toxicology and Chemistry*, 26(8), 1649-1656, 2007. [Dibutyltin; TBT]

(7753) HARINO, H.; OHJI, M.; WATTAYAKORN, G.; ADULYANUKOSOL, K.; ARAI, T.; MIYAZAKI, N. Accumulation of organotin compounds in tissues and organs of stranded whales along the coasts of Thailand. *Archives of Environmental Contamination and Toxicology*, 53(1), 119-125, 2007.

(7754) HEDFI, A.; MAHMOUDI, E.; BOUFAHJA, F.; BEYREM, H.; AISSA, P. Effects of increasing levels of nickel contamination on structure of offshore nematode communities in experimental microcosms. *Bulletin of Environmental Contamination and Toxicology*, 79(3), 345-349, 2007. [Ni]

(7755) HERNANDO, M.D.; MARTINEZ-BUENO, M.J.; FERNANDEZ-ALBA, A.R. Seawater quality control of microcontaminants in fish farm cage systems: application of passive sampling devices. *Boletin. Instituto Espanol de Oceanografia*, 21(1-4), 37-46, 2005. [Dichlorvos; carbaryl; simazine; atrazine; terbutryn; irgarol; TCMTB; estrone; permethryn; 17 alpha-ethinylestradiol; cypermethrin; malachite green; deltamethrin; arsenic; Cd; Cr; Cu; Ni; Pb; Zn]

(7756) HO, T.-Y.; WEN, L.-S.; YOU, C.-F.; LEE, D.-C. The trace-metal composition of size-fractionated plankton in the South China Sea: biotic versus abiotic sources. *Limnology and Oceanography*, 52(5), 1776-1788, 2007. [Al; Co; Cr; Cu; Fe; Mn; Ni; P; Si; V; Zn]

(7757) HUMPHREY, C.A.; KING, S.C.; KLUMPP, D.W. A multibiomarker approach in barramundi (*Lates calcarifer*) to measure exposure to contaminants in estuaries of tropical North Queensland. *Marine Pollution Bulletin*, 54(10), 1569-1581, 2007. [Arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn; pollution gradient; EROD; cytochrome P450; FACs; DNA integrity; ChE; diuron; PAHs]

(7758) HUNG, G.A.; CHMURA, G.L. Metal accumulation in surface salt marsh sediments of the Bay of Fundy, Canada. *Estuaries and Coasts*, 30(4), 725-734, 2007. [Arsenic; Cr; Cu; Ni; Pb; V; Zn]

(7759) JEWETT, S.C.; DUFFY, L.K. Mercury in fishes of Alaska, with emphasis on subsistence species. *Science of the Total Environment*, 387(1-3), 3-27, 2007. [Review; Hg]

(7760) KARAYAKAR, F.; ERDEM, C.; CICIK, B. Seasonal variation in copper, zinc, chromium, lead and cadmium levels in hepatopancreas, gill and muscle tissues of the mussel *Brachidontes pharaonis* Fischer, collected along the Mersin Coast, Turkey. *Bulletin of Environmental Contamination and Toxicology*, 79(3), 350-355, 2007. [Cd; Cr; Cu; Pb; Zn]

(7761) KERSHAW, P.J.; MASON, C.; IRION, G.; BOLAM, T.; SMITH, R. The North Sea environment. Trace metal concentrations in sediments. ICES Cooperative Research Report, 288, 33-45, 2007. [Arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn]

(7762) KINGTONG, S.; CHITRAMVONG, Y.; JANVILISRI, T. ATP-binding cassette multidrug transporters in Indian-rock oyster *Saccostrea forskali* and their role in the export of an environmental organic pollutant tributyltin. *Aquatic Toxicology*, 85(2), 124-132, 2007. [TBT]

(7763) KOTNIK, J., (ET AL). Mercury speciation in surface and deep waters of the Mediterranean Sea. *Marine Chemistry*, 107(1), 13-30, 2007. [Hg; monomethyl mercury; dimethyl mercury]

(7764) KRISHNAN, K.P.; FERNANDES, S.O.; CHANDAN, G.S.; BHARATHI, P.A. Bacterial contribution to mitigation of iron and manganese in mangrove sediments. *Marine Pollution Bulletin*, 54(9), 1427-1433, 2007. [Ferromanganese ore mining ; iron ore processing; Fe; Mn]

- (7765) KULAKSIZ, S.; BAU, M. Contrasting behaviour of anthropogenic gadolinium and natural rare earth elements in estuaries and the gadolinium input into the North Sea. *Earth and Planetary Science Letters*, 260(1/2), 361-371, 2007. [Cd; Weser Estuary]
- (7766) KUMAR, K.A.; ACHYUTHAN, H. Heavy metal accumulation in certain marine animals along the east coast of Chennai, Tamil Nadu, India. *Journal of Environmental Biology*, 28(3), 637-643, 2007. [Zn; Pb; Cu; Co; Cr; Ni; Cd]
- (7767) LAFABRIE, C.; PERGENT, G.; KANTIN, R.; PERGENT-MARTINI, C.; GONZALEZ, J.L. Trace metals assessment in water, sediment, mussel and seagrass species - validation of the use of *Posidonia oceanica* as a metal biomonitor. *Chemosphere*, 68(11), 2033-2039, 2007. [Cd; Co; Cr; Hg; Ni; Pb]
- (7768) LEE, K.-W.; RAISUDDIN, S.; HWANG, D.-S.; PARK, H.G.; LEE, J.-S. Acute toxicities of trace metals and common xenobiotics to the marine copepod *Tigriopus japonicus*: evaluation of its use as a benchmark species for routine ecotoxicity tests in Western Pacific coastal regions. *Environmental Toxicology*, 22(5), 532-538, 2007.
- (7769) LEVY, J.L.; STAUBER, J.L.; JOLLEY, D.F. Sensitivity of marine microalgae to copper: the effect of biotic factors on copper adsorption and toxicity. *Science of the Total Environment*, 387(1-3), 141-154, 2007. [Cu]
- (7770) LIEBENS, J.; MOHRHERR, C.J.; RAO, K.R. Sediment pollution pathways of trace metals and petroleum hydrocarbons in a small industrialized estuary: Bayou Chico, Pensacola, FL. *Marine Pollution Bulletin*, 54(9), 1529-1539, 2007. [PAHs; arsenic; Cd; Cr; Cu; Hg; Pb; Sb; Tl; Zn]
- (7771) LIN, C.-C.; JAY, J.A. Mercury methylation by planktonic and biofilm cultures of *Desulfovibrio desulfuricans*. *Environmental Science and Technology*, 41(19), 6691-6697, 2007. [Hg]
- (7772) MAGALHAES, M.C.; COSTA, V.; MENEZES, G.M.; PINHO, M.R.; SANTOS, R.S.; MONTEIRO, L.R. Intra- and inter-specific variability in total and methylmercury bioaccumulation by eight marine fish species from the Azores. *Marine Pollution Bulletin*, 54(10), 1654-1662, 2007. [Hg]
- (7773) MELVILLE, F.; PULKOWNIK, A. Investigation of mangrove macroalgae as biomonitors of estuarine metal contamination. *Science of the Total Environment*, 387(1-3), 301-309, 2007. [Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (7774) MIEIRO, C.L.; PATO, P.; PEREIRA, E.; MIRANTE, F.; COUTINHO, J.A.P.; PINHEIRO, L.M.; MAGALHAES, V.H.; DUARTE, A.C. Total mercury in sediments from mud volcanoes in Gulf of Cadiz. *Marine Pollution Bulletin*, 54(9), 1539-1544, 2007. [Hg]
- (7775) MITCHELMORE, C.L.; VERDE, E.A.; WEIS, V.M. Uptake and partitioning of copper and cadmium in the coral *Pocillopora damicornis*. *Aquatic Toxicology*, 85(1), 48-56, 2007. [Cd; Cu]
- (7776) MONPERRUS, M.; TESSIER, E.; AMOUROUX, D.; LEYNAERT, A.; HUONNIC, P.; DONARD, O.F.X. Mercury methylation, demethylation and reduction rates in coastal and marine surface waters of the Mediterranean Sea. *Marine Chemistry*, 107(1), 49-63, 2007. [Hg; methylmercury]
- (7777) NG, J.S.S.; LUI, K.K.Y.; LAI, C.-H.; LEUNG, K.M.Y. *Harpisquilla harpax* (Crustacea, Stomatopoda) as a biomonitor of trace metal contamination in benthic sediments in Hong Kong waters. *Marine Pollution Bulletin*, 54(9), 1523-1529, 2007. [Cd; Cr; Cu; Ni; Pb; Zn]

- (7778) NG, T.Y.-T.; WANG, W.-X. Interactions of silver, cadmium, and copper accumulation in green mussels (*Perna viridis*). *Environmental Toxicology and Chemistry*, 26(8), 1764-1769, 2007. [Ag; Cd; Cu]
- (7779) OGRINC, N.; MONPERRUS, M.; KOTNIK, J.; FAJON, V.; VIDIMOVA, K.; AMOUROUX, D.; KOCMAN, D.; TESSIER, E.; ZIZEK, S.; HORVAT, M. Distribution of mercury and methylmercury in deep-sea surficial sediments of the Mediterranean Sea. *Marine Chemistry*, 107(1), 31-48, 2007. [Hg]
- (7780) PEDROSO, M.S.; BERSANO, J.G.F.; BIANCHINI, A. Acute silver toxicity in the euryhaline copepod *Acartia tonsa*: influence of salinity and food. *Environmental Toxicology and Chemistry*, 26(10), 2158-2165, 2007. [Ag]
- (7781) PIRRONE, N.; BARTH, H., (EDITORS). Special issue: Mercury cycling in surface and deep waters of the Mediterranean Sea. *Marine Chemistry*, 107(1), 1-116, 2007.
- (7782) POHL, C.; HENNINGS, U.; LEIPE, T. Die Schwermetall-Situation in der Ostsee im Jahre 2006. *Meereswissenschaftliche Berichte*, 70, 95-126, 2007. [Arsenic; Cd; Cu; Hg; Mn; Pb; Zn]
- (7783) RAJAR, R.; CETINA, M.; HORVAT, M.; ZAGAR, D. Mass balance of mercury in the Mediterranean Sea. *Marine Chemistry*, 107(1), 89-102, 2007. [Total Hg]
- (7784) RIGET, F.; MOELLER, P.; DIETZ, R.; NIELSEN, T.G.; ASMUND, G.; STRAND, J.; LARSEN, M.M.; HOBSON, K.A. Transfer of mercury in the marine food web of West Greenland. *Journal of Environmental Monitoring*, 9(8), 877-883, 2007. [Hg; methylmercury]
- (7785) RINGENARY, M.J.; MOLOF, A.H.; TANACREDI, J.T.; SCHREIBMAN, M.P.; KOSTARELOS, K. Long-term sediment bioassay of lead toxicity in two generations of the marine amphipod *Elasmopus laevis*, S.I. Smith, 1873. *Environmental Toxicology and Chemistry*, 26(8), 1700-1710, 2007. [Pb]
- (7786) RODRIGUEZ, R. Potencial acuicola de las salinas del Astur (Punta Umbria, Huelva, suroeste de la peninsula Iberica). *Boletin. Instituto Espanol de Oceanografia*, 21(1-4), 395-406, 2005. [Cd; Cu; Hg; Pb; dioxins; coliforms]
- (7787) RODUSHKIN, I.; ENGSTROM, E.; SORLIN, D.; PONTER, C.; BAXTER, D.C. Osmium in environmental samples from Northeast Sweden Part I. Evaluation of background status. *Science of the Total Environment*, 386(1-3), 145-158, 2007. [Os; 187Os/188Os]
- (7788) SEIXAS, T.G.; KEHRIG, H.D.A.; FILLMANN, G.; DI BENEDITTO, A.P.M.; SOUZA, C.M.M.; SECCHI, E.R.; MOREIRA, I.; MALM, O. Ecological and biological determinants of trace elements accumulation in liver and kidney of *Pontoporia blainvillei*. *Science of the Total Environment*, 385(1-3), 208-220, 2007. [Arsenic; Cd; Hg; Se]
- (7789) SEN, A.; SEMIZ, A. Effects of metals and detergents on biotransformation and detoxification enzymes of leaping mullet (*Liza saliens*). *Ecotoxicology and Environmental Safety*, 68(3), 405-411, 2007. [SDS; cholate; deoxycholate; Triton X-100; Tween 20; Brij 35; Emulgen 913; Lubrol; CHAPS; Hg; Ni; Cd; Cu; Zn; Sb; Fe; Co; Al; Mn; Li; K; Ba; Na]
- (7790) SNELLING, D.; BOOT, K. HMS Scylla - a new role for a redundant ship. *Ocean Challenge*, 15(2), 18-25, 2005 (publ. 2007). [Whitsand Bay; TBT]

- (7791) SOUSA, A.; MATSUDAIRA, C.; TAKAHASHI, S.; TANABE, S.; BARROSO, C. Integrative assessment of organotin contamination in a southern European estuarine system (Ria de Aveiro, NW Portugal): tracking temporal trends in order to evaluate the effectiveness of the EU ban. *Marine Pollution Bulletin*, 54(10), 1645-1653, 2007. [Monobutyltin; dibutyltin; TBT; monophenyltin; diphenyltin; triphenyltin; mono-octyltin; dioctyltin; trioctyltin; imposex]
- (7792) ST. LOUIS, V.L.; HINTELMANN, H.; GRAYDON, J.A.; KIRK, J.L.; BARKER, J.; DIMOCK, B.; SHARP, M.J.; LEHNHERR, I. Methylated mercury species in Canadian high Arctic marine surface waters and snowpacks. *Environmental Science and Technology*, 41(18), 6433-6441, 2007. [Hg; monomethylmercury]
- (7793) STERLING, K.M.; MANDAL, P.K.; ROGGENBECK, B.A.; AHEARN, S.E.; GERENCSEK, G.A.; AHEARN, G.A. Heavy metal detoxification in crustacean epithelial lysosomes: role of anions in the compartmentalization process. *Journal of Experimental Biology*, 210(19), 3484-3493, 2007. [Zn]
- (7794) STOCKIN, K.A.; LAW, R.J.; DUIGNAN, P.J.; JONES, G.W.; PORTER, L.; MIRIMIN, L.; MEYNIER, L.; ORAMS, M.B. Trace elements, PCBs and organochlorine pesticides in New Zealand common dolphins (*Delphinus* sp.). *Science of the Total Environment*, 387(1-3), 333-345, 2007. [Ag; arsenic; Cd; Co; Cr; Cu; Fe; Hg; Mn; Ni; Pb; Se; Sn; Zn; chlordanes; DDTs; dieldrin; HCB; HCHs; heptachlor; heptachlor epoxide; PCB congeners]
- (7795) SUTHERLAND, T.F.; PETERSEN, S.A.; LEVINGS, C.D.; MARTIN, A.J. Distinguishing between natural and aquaculture-derived sediment concentrations of heavy metals in the Broughton Archipelago, British Columbia. *Marine Pollution Bulletin*, 54(9), 1451-1460, 2007. [Cu; Li; Zn]
- (7796) VALDEZ DOMINGOS, F.X.; AZEVEDO, M.; SILVA, M.D.; RANDI, M.A.F.; FREIRE, C.A.; SILVA DE ASSIS, H.C.; OLIVEIRA RIBEIRO, C.A. Multibiomarker assessment of three Brazilian estuaries using oysters as bioindicators. *Environmental Research*, 105(3), 350-363, 2007. [ATPase; cholinesterase; condition index; histopathology]
- (7797) VAZQUEZ, N.N.; GIL, M.A.; ESTEVES, J.L.; NARVARTE, M.A. Monitoring heavy metal pollution in San Antonio Bay, Rio Negro, Argentina. *Bulletin of Environmental Contamination and Toxicology*, 79(2), 121-125, 2007. [Cd; Cu; Pb; Zn]
- (7798) VERGER, P.; HOUDART, S.; MARETTE, S.; ROOSEN, J.; BLANCHEMANCHE, S. Impact of a risk-benefit advisory on fish consumption and dietary exposure to methylmercury in France. *Regulatory Toxicology and Pharmacology*, 48(3), 259-269, 2007.
- (7799) VLAHOGIANNI, T.; DASSENAKIS, M.; SCOULLOS, M.J.; VALAVANIDIS, A. Integrated use of biomarkers (superoxide dismutase, catalase and lipid peroxidation) in mussels *Mytilus galloprovincialis* for assessing heavy metals' pollution in coastal areas from the Saronikos Gulf of Greece. *Marine Pollution Bulletin*, 54(9), 1361-1371, 2007. [Cd; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (7800) VLAHOGIANNI, T.H.; VALAVANIDIS, A. Heavy-metal effects on lipid peroxidation and antioxidant defence enzymes in mussels *Mytilus galloprovincialis*. *Chemistry and Ecology*, 23(5), 361-371, 2007. [Cd; Cu; Fe; Pb; catalase; lipid peroxidation; SOD]
- (7801) WILSON, H.M.; FLINT, P.L.; POWELL, A.N. Coupling contaminants with demography: effects of lead and selenium in Pacific common eiders. *Environmental Toxicology and Chemistry*, 26(7), 1410-1417, 2007. [Pb; Se]

- (7802) XU, Y.; TANG, D.; SHAKED, Y.; MOREL, F.M.M. Zinc, cadmium, and cobalt interreplacement and relative use efficiencies in the coccolithophore *Emiliana huxleyi*. *Limnology and Oceanography*, 52(5), 2294-2305, 2007. [Cd; Co; Zn]
- (7803) YAP, C.K.; TAN, S.G. Iron (Fe) concentrations in the byssus and soft tissues of the green-lipped mussel *Perna viridis* (L.): byssus as an excretion route of Fe and Fe bioavailability in the coastal waters. *Indian Journal of Marine Sciences*, 36(3), 227-234, 2007.
- (7804) YARSAN, E.; BASKAYA, R.; YILDIZ, A.; ALTINTAS, L.; YESILOT, S. Copper, lead, cadmium and mercury concentrations in the mussel *Elliptio*. *Bulletin of Environmental Contamination and Toxicology*, 79(2), 218-220, 2007. [Cd; Cu; Hg; Pb]
- (7805) YOO, Y.H.; SIDHARTHAN, M.; SHIN, H.W. Effects of tributyl-tin on a marine microalga, *Tetraselimis suecica*. *Journal of Environmental Biology*, 28(3), 571-575, 2007. [TBT]
- (7806) ZAGAR, D.; PETKOVSEK, G.; RAJAR, R.; SIRNIK, N.; HORVAT, M.; VOUDOURI, A.; KALLOS, G.; CETINA, M. Modelling of mercury transport and transformations in the water compartment of the Mediterranean Sea. *Marine Chemistry*, 107(1), 64-88, 2007. [Hg; monomethyl mercury; dimethyl mercury]
- (7807) ZAPATA-VIVENES, E.; NUSSETTI, O. Protection of glycolytic enzymes by metallothioneins from oxidative damage in the digestive gland of green lipped mussel *Perna viridis*. *Journal of Shellfish Research*, 26(2), 335-344, 2007. [Cd]
- (7808) ZBIKOWSKI, R.; SZEFER, P.; LATALA, A. Comparison of green algae *Cladophora* sp. and *Enteromorpha* sp. as potential biomonitors of chemical elements in the southern Baltic. *Science of the Total Environment*, 387(1-3), 320-332, 2007. [Ca; Cd; Cu; K; Mg; Mn; Na; Ni; Pb; Zn]
- (7809) ZHANG, L.; WANG, W.-X. Gastrointestinal uptake of cadmium and zinc by a marine teleost *Acanthopagrus schlegeli*. *Aquatic Toxicology*, 85(2), 143-153, 2007. [Cd; Zn]
- (7810) ZHENG, N.; WANG, Q.; ZHANG, X.; ZHENG, D.; ZHANG, Z.; ZHANG, S. Population health risk due to dietary intake of heavy metals in the industrial area of Huludao city, China. *Science of the Total Environment*, 387(1-3), 96-104, 2007. [Including seafood]
- (7811) ZHOU, F.; GUO, H.; HAO, Z. Spatial distribution of heavy metals in Hong Kong's marine sediments and their human impacts: a GIS-based chemometric approach. *Marine Pollution Bulletin*, 54(9), 1372-1384, 2007. [Al; Ba; Cd; Cr; Cu; Fe; Hg; Mn; Ni; Pb; V; Zn]
- (7812) ZURITA, J.L.; JOS, A.; DEL PESO, A.; SALGUERO, M.; CAMEAN, A.M.; LOPEZ-ARTIGUEZ, M.; REPETTO, G. Toxicological assessment of indium nitrate on aquatic organisms and investigation of the effects on the PLHC-1 fish cell line. *Science of the Total Environment*, 387(1-3), 155-165, 2007. [*Vibrio fischeri*; *Chlorella vulgaris*; *Daphnia magna*]

Section 4: Radioactivity

(7813) BURGER, J. A model for selecting bioindicators to monitor radionuclide concentrations using Amchitka Island in the Aleutians as a case study. *Environmental Research*, 105(3), 316-323, 2007.

(7814) 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.

(7815) FENG, L.; LI, X.; WANG, J.; HAN, H.; TANG, X.; CHEN, X. Effect of UV-B radiation on the feeding behavior of the rotifer *Brachionus plicatilis*. *Acta Oceanologica Sinica*, 26(4), 82-92, 2007.

(7816) KIM, Y.; KIM, K.; KANG, H.-D.; KIM, W.; DOH, S.-H.; KIM, D.-S.; KIM, B.-K. The accumulation of radiocesium in coarse marine sediment: effects of mineralogy and organic matter. *Marine Pollution Bulletin*, 54(9), 1341-1350, 2007. [137Cs]

(7817) LIU, J.; JIAO N.; CAI, H.; HONG, H. Effects of UVB on the expression of proliferating cell nuclear antigen (PCNA) in dinoflagellate *Prorocentrum donghaiense* Lu. *Acta Oceanologica Sinica*, 26(4), 123-131, 2007. [UV]

(7818) PRZESLAWSKI, R.; DAVIS, A.R. Does spawning behavior minimize exposure to environmental stressors for encapsulated gastropod embryos on rocky shores? *Marine Biology*, 152(4), 991-1002, 2007. [Temperature; UV]

(7819) RODUSHKIN, I.; ENGSTROM, E.; SORLIN, D.; PONTER, C.; BAXTER, D.C. Osmium in environmental samples from Northeast Sweden Part I. Evaluation of background status. *Science of the Total Environment*, 386(1-3), 145-158, 2007. [Os; 187Os/188Os]

(7820) TREASURER, J.W.; COX, D.I.; WALL, T. Epidemiology of blindness and cataracts in cage reared ongrown Atlantic halibut *Hippoglossus hippoglossus*. *Aquaculture*, 271(1-4), 77-84, 2007. [Loch Sunart; UV; nutritional deficiencies]

(7821) WYFFELS, J.T.; LUER, C.A.; WALSH, C.J.; BODINE, A.B. In vivo exposure of clearnose skates, *Raja eglanteria*, to ionising X-radiation: acute effects on the peripheral blood, spleen, and epigonal and Leydig organs. *Fish and Shellfish Immunology*, 23, 401-418, 2007.

Section 5: Other Chemicals

- (7822) AGUADO-GINMENEZ, F.; MARIN, A.; MONTOYA, S.; MARIN-GUIRAO, L.; PIEDECAUSA, A.; GARCIA-GARCIA, B. Comparison between some procedures for monitoring offshore cage culture in western Mediterranean Sea: sampling methods and impact indicators in soft substrata. *Aquaculture*, 271(1-4), 357-370, 2007. [Nutrients; acid volatile sulphide; organic enrichment]
- (7823) AHMED, A.S.; WEBSTER, L.; POLLARD P.; DAVIES, I.M.; MOFFAT, C.F. Description and evaluation of a sampling system for monitoring hydrocarbons in sediments. *Journal of Environmental Monitoring*, 9(7), 730-739, 2007. [Firth of Clyde; Firth of Forth; PAHs; n-alkanes]
- (7824) ANGUIANO-BELTRAN, C.; SEARCY-BERNAL, R. Effects of antibiotics on the concentration of bacteria in biofilms and on the growth of *Haliotis rufescens* postlarvae. *Journal of Shellfish Research*, 26(3), 795-799, 2007. [Chloramphenicol; streptomycin/penicillin]
- (7825) ASHLEY, J.T.F.; LIBERO, D.; HALSCHEID, E.; ZAOUDEH, L.; STAPLETON, H.M. Polybrominated diphenyl ethers in American eels (*Anguilla rostrata*) from the Delaware River, USA. *Bulletin of Environmental Contamination and Toxicology*, 79(1), 99-103, 2007. [PBDEs; PCBs; flame retardants]
- (7826) BARBINI, D.A.; STEFANELLI, P.; GIROLIMETTI, S.; DI MUCCIO, A.; DOMMARCO, R. Determination of toxaphene residues in fish foodstuff by GC-MS. *Bulletin of Environmental Contamination and Toxicology*, 79(2), 226-230, 2007.
- (7827) BELL, P.R.F.; ELMETRI, I. Some chemical factors regulating the growth of *Lyngbya majuscula* in Moreton Bay, Australia: importance of sewage discharges. *Hydrobiologia*, 592, 359-371, 2007. [Fe; phosphorus; EDTA]
- (7828) BORRELL, A.; AGUILAR, A.; ZELIJKOVIC, S.; BROUWER, A.; BESSELINK, H.T.; KOOPMAN, H.; READ, A.; REIJNDERS, P.J.H. Post-mortem stability of blubber DLCs, PCB and tDDT in by-caught harbour porpoises (*Phocoena phocoena*). *Marine Pollution Bulletin*, 54(10), 1663-1666, 2007.
- (7829) CAMBRIDGE, M.L.; HOW, J.R.; LAVERY, P.S.; VANDERKLIFT, M.A. Retrospective analysis of epiphyte assemblages in relation to seagrass loss in a eutrophic coastal embayment. *Marine Ecology Progress Series*, 346, 97-107, 2007. [Eutrophication; nutrient loading]
- (7830) CARUBELLI, G.; FANELLI, R.; MARIANI, G.; NICHETTI, S.; CROSA G.; CALAMARI, D.; FATTORE, E. PCB contamination in farmed and wild sea bass (*Dicentrarchus labrax* L.) from a coastal wetland area in central Italy. *Chemosphere*, 68(9), 1630-1635, 2007.
- (7831) CASTRO, L.F.C.; LIMA, D.; MACHADO, A.; MELO, C.; HIROMORI, Y.; NISHIKAWA, J.; NAKANISHI, T.; REIS-HENRIQUES, M.A.; SANTOS, M.M. Imposed induction is mediated through the Retinoid X Receptor signalling pathway in the neogastropod *Nucella lapillus*. *Aquatic Toxicology*, 85(1), 57-66, 2007. [TBT; 9-cis-retinoic acid; methoprene acid; testosterone]
- (7832) CHOU, W.C.; SHEU, D.D.; LEE, B.S.; TSENG, C.M.; CHEN, C.T.A.; WANG, S.L.; WONG, G.T.F. Depth distributions of alkalinity, TCO₂ and delta 13 C_{TCO₂} at SEATS time-series site in the northern South China Sea. *Deep-Sea Research II*, 54(14/15), 1469-1485, 2007. [CO₂; carbon dioxide]

- (7833) CRANFORD, P.J. Scallops and marine contaminants. In: Shumway, S.E.; Parsons, G.J., (editors). *Scallop ecology: distributions and behaviour*. Second edition. p.745-764. Amsterdam: Elsevier, 2006. (Develops in Aquaculture and Fisheries Science 35)
- (7834) CUMAH, S.; GUVEN, K.C. Air pollution of hydrocarbons exhausted from vehicle in tunnels, bridges of Istanbul and detection of 3-nitrophthalic in seawater near the side of boat. *Journal of the Black Sea/Mediterranean Environment*, 13(2), 161-180, 2007.
- (7835) CUNHA LANA, P. DA; BIANCHINI, A.; OLIVEIRA RIBEIRO, C.A. DE; NIENCHESKI, L.F.H.; FILLMANN, G.; SANTOS, C.S.G. *Avaliacao Ambiental de Estuarios Brasileiros: diretrizes metodologicas*. 156p. Rio de Janeiro: Museu Nacional, 2006. (Serie Livros 22) [Projeto RECOS. Uso e Apropriacao de Recursos Costeiros. Grupo Tematico. Biodiversidade e Qualidade Ambiental]
- (7836) CZUB, G.; MCLACHLAN, M.S. Influence of the temperature gradient in blubber on the bioaccumulation of persistent lipophilic organic chemicals in seals. *Environmental Toxicology and Chemistry*, 26(8), 1600-1605, 2007. [POPs]
- (7837) DAI, J.; SONG, J.; LI, X.; YUAN, H.; ZHENG, G.; LI, N. Geochemical records of phosphorus in Jiaozhou Bay sediments - implications for environmental changes in recent hundred years. *Acta Oceanologica Sinica*, 26(4), 132-147, 2007.
- (7838) DANOVARO, R.; PUSCEDDU, A. Ecomanagement of biodiversity and ecosystem functioning in the Mediterranean Sea: concerns and strategies. *Chemistry and Ecology*, 23(5), 347-360, 2007.
- (7839) DEEGAN, L.A., (ET AL). Susceptibility of salt marshes to nutrient enrichment and predator removal. *Ecological Applications*, 17(5), Supplement, S42-S63, 2007.
- (7840) DOVE, M.C.; O'CONNOR, W.A. Ecotoxicological evaluations of common hatchery substances and procedures used in the production of Sydney rock oysters *Saccostrea glomerata* (Gould 1850). *Journal of Shellfish Research*, 26(2), 501-508, 2007. [Chlorine; Virkon S]
- (7841) DOVE, M.C.; SAMMUT, J. Impacts of estuarine acidification on survival and growth of Sydney rock oysters *Saccostrea glomerata*. *Journal of Shellfish Research*, 26(2), 519-527, 2007. [Acid sulphate soil; land use]
- (7842) ELAHEE, K.B.; BHAGWANT, S. Hematological and gill histopathological parameters of three tropical fish species from a polluted lagoon on the west coast of Mauritius. *Ecotoxicology and Environmental Safety*, 68(3), 361-371, 2007. [Cd; Cu; Fe; Hg; Pb; Zn; BOD; DO; TDS]
- (7843) EVANS, A.D.; NIPPER, M. Toxicity of phenanthrene and lindane mixtures to marine invertebrates. *Environmental Toxicology*, 22(5), 495-501, 2007. [PAH]
- (7844) EZEMONYE, L.I.N.; OGELEKA, D.F.; OKIEMEN, F.E. Biological alterations in fish fingerlings (*Tilapia guineensis*) exposed to industrial detergents and corrosion inhibitors. *Chemistry and Ecology*, 23(5), 373-382, 2007. [Neatex; Norust CR 486]
- (7845) FERNANDES, M.; LAUER, P.; CHESHIRE, A.; ANGOVE, M. Preliminary model of nitrogen loads from southern bluefin tuna aquaculture. *Marine Pollution Bulletin*, 54(9), 1321-1332, 2007. [Nutrient discharges; organic waste]
- (7846) FREDERIKSEN, M.S.; HOLMER, M.; DIAZ-ALMELA, E.; MARBA, N.; DUARTE, C.M. Sulfide invasion in the seagrass *Posidonia oceanica* at Mediterranean fish farms: assessment using stable sulfur isotopes. *Marine Ecology Progress Series*, 345, 93-104, 2007. [Fish farms; organic enrichment]

- (7847) GONG, X.; QI, S.; WANG, Y.; JULIA, E.B.; LV, C. Historical contamination and sources of organochlorine pesticides in sediment cores from Quanzhou Bay, Southeast China. *Marine Pollution Bulletin*, 54(9), 1434-1440, 2007. [DDTs; HCHs]
- (7848) GORDON, I.J. Linking land to ocean: feedbacks in the management of socio-ecological systems in the Great Barrier Reef catchments. *Hydrobiologia*, 591, 25-33, 2007. [Grazing land; nutrient loads; sediments; erosion]
- (7849) GREENFIELD, B.K.; SIEMERING, G.S.; ANDREWS, J.C.; RAJAN, M.; ANDREWS, S.P., JR.; SPENCER, D.F. Mechanical shredding of water hyacinth (*Eichhornia crassipes*): effects on water quality in the Sacramento-San Joaquin River Delta, California. *Estuaries and Coasts*, 30(4), 627-640, 2007. [Hg; nutrients]
- (7850) GREGG, M.D.; HALLEGRAEFF, G.M. Efficacy of three commercially available ballast water biocides against vegetative microalgae, dinoflagellate cysts and bacteria. *Harmful Algae*, 6(4), 567-584, 2007. [SeaKleen(R); Peraclean(R); Vibrex(R)]
- (7851) GURUGE, K.S.; TANIYASU, S.; YAMASHITA, N.; MANAGE, P.M. Occurrence of perfluorinated acids and fluorotelomers in waters from Sri Lanka. *Marine Pollution Bulletin*, 54(10), 1667-1672, 2007. [PFASs; FTCAs; FOSAs; PFOS; PFHS; PFBS; PFPrS; PFEtS; PFOSA]
- (7852) HARFORD, A.J.; O'HALLORAN, K.; WRIGHT, P.F.A. Effect of in vitro and in vivo organotin exposures on the immune functions of Murray cod (*Maccullochella peelii peelii*). *Environmental Toxicology and Chemistry*, 26(8), 1649-1656, 2007. [Dibutyltin; TBT]
- (7853) HARINO, H.; OHJI, M.; WATTAYAKORN, G.; ADULYANUKOSOL, K.; ARAI, T.; MIYAZAKI, N. Accumulation of organotin compounds in tissues and organs of stranded whales along the coasts of Thailand. *Archives of Environmental Contamination and Toxicology*, 53(1), 119-125, 2007.
- (7854) HERMOSILLA, Z.; JORGE, C.; ROMERO, I.; MARTI, E.; CABANERO, D. Diferencias espaciales y estacionales en el contenido de nutrientes, demanda de oxígeno y potencial redox en sedimentos bajo una instalación de producción acuícola en jaulas. *Boletín. Instituto Español de Oceanografía*, 21(1-4), 29-35, 2005. [BOD; organic matter; nutrients]
- (7855) HERNANDO, M.D.; MARTINEZ-BUENO, M.J.; FERNANDEZ-ALBA, A.R. Seawater quality control of microcontaminants in fish farm cage systems: application of passive sampling devices. *Boletín. Instituto Español de Oceanografía*, 21(1-4), 37-46, 2005. [Dichlorvos; carbaryl; simazine; atrazine; terbutryn; irgarol; TCMTB; estrone; permethrin; 17 alpha-ethinylestradiol; cypermethrin; malachite green; deltamethrin; arsenic; Cd; Cr; Cu; Ni; Pb; Zn]
- (7856) HICKIE, B.E.; ROSS, P.S.; MACDONALD, R.W.; FORD, J.K.B. Killer whales (*Orcinus orca*) face protracted health risks associated with lifetime exposure to PCBs. *Environmental Science and Technology*, 41(18), 6613-6619, 2007.
- (7857) HIRAKAWA, S.; IWATA, H.; TAKESHITA, Y.; KIM, E.-Y.; SAKAMOTO, T.; OKAJIMA, Y.; AMANO, M.; MIYAZAKI, N.; PETROV, E.A.; TANABE, S. Molecular characterization of cytochrome P450 1A1, 1A2, and 1B1, and effects of polychlorinated dibenzo-p-dioxin, dibenzofuran and biphenyl congeners on their hepatic expression in Baikal Seal (*Pusa sibirica*). *Toxicological Sciences*, 97(2), 318-335, 2007. [PCDDs; PCDEs; PCBs]

- (7858) HOUTMAN, C.J.; LEONARDS, P.E.G.; KAPITEIJN, W.; BAKKER, J.F.; BROUWER, A.; LAMOREE, M.H.; LEGLER, J.; KLAMER, H.J.C. Sample preparation method for the ER-CALUX bioassay screening of (xeno-)estrogenic activity in sediment extracts. *Science of the Total Environment*, 386(1-3), 134-144, 2007. [Bisphenol A; alpha-chlordane; DDTs; dieldrin; beta-endosulfan; 4-nonylphenol; 4-octylphenol; PCB 29; TCBPA; benz(g,h,i)perylene; lindane; tetrachlorobisphenol; PBB; polybromobiphenyl; BDE; bromodiphenylether; E2; 17 beta-estradiol]
- (7859) HSU, S.-W.; CHEN, J.-C. The immune response of white shrimp *Penaeus vannamei* and its susceptibility to *Vibrio alginolyticus* under sulfide stress. *Aquaculture*, 271(1-4), 61-69, 2007.
- (7860) HUMPHREY, C.A.; KING, S.C.; KLUMPP, D.W. A multibiomarker approach in barramundi (*Lates calcarifer*) to measure exposure to contaminants in estuaries of tropical North Queensland. *Marine Pollution Bulletin*, 54(10), 1569-1581, 2007. [Arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn; pollution gradient; EROD; cytochrome P450; FACs; DNA integrity; ChE; diuron; PAHs]
- (7861) KEY, P.; CHUNG, K.; SIEWICKI, T.; FULTON, M. Toxicity of three pesticides individually and in mixture to larval grass shrimp (*Palaemonetes pugio*). *Ecotoxicology and Environmental Safety*, 68(2), 272-277, 2007. [Atrazane; fipronil; imidacloprid]
- (7862) KINGTONG, S.; CHITRAMVONG, Y.; JANVILISRI, T. ATP-binding cassette multidrug transporters in Indian-rock oyster *Saccostrea forskali* and their role in the export of an environmental organic pollutant tributyltin. *Aquatic Toxicology*, 85(2), 124-132, 2007. [TBT]
- (7863) KOLAR, A.B.; HRSAK, D.; FINGLER S.; CETKOVIC, H.; PETRIC, I.; KOLIC, N.U. PCB-degrading potential of aerobic bacteria enriched from marine sediments. *International Biodeterioration and Biodegradation*, 60(1), 16-24, 2007.
- (7864) KOUTSAFTIS, A.; AOYAMA, I. Toxicity of four antifouling biocides and their mixtures on the brine shrimp *Artemia salina*. *Science of the Total Environment*, 387(1-3), 166-174, 2007. [Chlorothalonil; copper pyrithione (CPT); diuron; zinc pyrithione (ZPT)]
- (7865) KUIVIKKO, M.; KOTIAHO, T.; HARTONEN, K.; TANSKANEN, A.; VAHATALO, A.V. Modeled direct photolytic decomposition of polybrominated diphenyl ethers in the Baltic Sea and the Atlantic Ocean. *Environmental Science and Technology*, 41(20), 7016-7021, 2007. [PBDEs; PBDE 47; PBDE 99; PBDE 209]
- (7866) KURIHARA, R.; WATANABE, E.; UEDA, Y.; KAKUNO, A.; FUJII, K.; SHIRAIISHI, F.; HASHIMOTO, S. Estrogenic activity in sediments contaminated by nonylphenol in Tokyo Bay (Japan) evaluated by vitellogenin induction in male mummichogs (*Fundulus heteroclitus*). *Marine Pollution Bulletin*, 54(9), 1315-1320, 2007.
- (7867) LALLIER, F.H. Oxygene et sulfure d'hydrogene: deux freres ennemis? *Oceanis*, 30(3), 293-310, 2004. [Hydrogen sulphide; detoxification]
- (7868) LEE, K.-W.; RAISUDDIN, S.; HWANG, D.-S.; PARK, H.G.; LEE, J.-S. Acute toxicities of trace metals and common xenobiotics to the marine copepod *Tigriopus japonicus*: evaluation of its use as a benchmark species for routine ecotoxicity tests in Western Pacific coastal regions. *Environmental Toxicology*, 22(5), 532-538, 2007.
- (7869) LERNER, D.T.; BJOERNSSON, B.T.; MCCORMICK, S.D. Aqueous exposure to 4-nonylphenol and 17B -estradiol increases stress sensitivity and disrupts ion regulatory ability of juvenile Atlantic salmon. *Environmental Toxicology and Chemistry*, 26(7), 1433-1440, 2007. [NP; E2]

- (7870) LI, B.; CHI, J.; WU, W.-X.; WANG, Z.-K. Effect of nutrients and light on biodegradation of dibutyl phthalate and di-2-ethylhexyl phthalate in Haihe Estuary. *Bulletin of Environmental Contamination and Toxicology*, 79(1), 80-83, 2007. [DBP; DEHP]
- (7871) LIANG, C.; JIN, R.; GUI, W.; ZHU, G. Enzyme-linked immunosorbent assay based on a monoclonal antibody for the detection of the insecticide triazophos: assay optimization and application to environmental samples. *Environmental Science and Technology*, 41(19), 6783-6788, 2007. [Including coastal saline soil]
- (7872) LIU, Y.-L.; WANG, X.-L.; YANG, X.-L.; YANG, Y. Pharmacokinetics and residues of norfloxacin in *Pseudosciaena polyactis*. [In Chinese with English summary]. *Journal of Fisheries of China*, 31(5), 655-660, 2007.
- (7873) MACIAS, J.C.; COLLADO, J.; ALAMO, C.; ESCALONA, M.; GARCIA, E. Seguimiento ambiental para instalaciones de acuicultura marina. *Boletín. Instituto Español de Oceanografía*, 21(1-4), 57-66, 2005.
- (7874) MANODORI, L.; GAMBARO, A.; MORET, I.; CAPODAGLIO, G.; CESCÓN, P. Air-sea gaseous exchange of PCB at the Venice lagoon (Italy). *Marine Pollution Bulletin*, 54(10), 1634-1644, 2007.
- (7875) MARIN, A.; MONTOYA, S.; VITA, R.; MARIN-GUIRAO, L.; LLORET, J.; AGUADO, F. Utility of sea urchin embryo-larval bioassays for assessing the environmental impact of marine fishcage farming. *Aquaculture*, 271(1-4), 286-297, 2007. [Sulphides; nutrients; sediment quality; organic matter]
- (7876) MARTI, E.; MARTI, C.M.; MARTINEZ, R.; PACHES, M.; FALCO, S. El programa de vigilancia ambiental de piscifactorias en jaulas flotantes. *Boletín. Instituto Español de Oceanografía*, 21(1-4), 67-73, 2005. [Eutrophication]
- (7877) MOON, H.-B.; KANNAN, K.; CHOI, M.; CHOI, H.-G. Polybrominated diphenyl ethers (PBDEs) in marine sediments from industrialized bays of Korea. *Marine Pollution Bulletin*, 54(9), 1402-1412, 2007. [Brominated flame-retardants]
- (7878) MORTENSEN, A.S.; ARUKWE, A. Effects of 17 α -ethynylestradiol on hormonal responses and xenobiotic biotransformation system of Atlantic salmon (*Salmo salar*). *Aquatic Toxicology*, 85(2), 113-123, 2007.
- (7879) MORTENSEN, A.S.; BRAATHEN, M.; SANDVIK, M.; ARUKWE, A. Effects of hydroxy-polychlorinated biphenyl (OH-PCB) congeners on the xenobiotic biotransformation gene expression patterns in primary culture of Atlantic salmon (*Salmo salar*) hepatocytes. *Ecotoxicology and Environmental Safety*, 68(3), 351-360, 2007.
- (7880) NIXON, S.W.; BUCKLEY, B.A.; GRANGER, S.L.; ENTSA-MENSAH, M.; ANSA-ASARE, O.; WHITE, M.J.; MCKINNEY, R.A.; MENSAH, E. Anthropogenic enrichment and nutrients in some tropical lagoons of Ghana, West Africa. *Ecological Applications*, 17(5), Supplement, S144-S164, 2007.
- (7881) NORENA-BARROSO, E.; GOLD-BOUCHOT, G.; CEJA-MORENO, V. Temporal variation of persistent organic pollutant (POP) residue concentrations in sediments from the Bay of Chetumal, Mexico. *Bulletin of Environmental Contamination and Toxicology*, 79(2), 141-146, 2007. [Chlordanes; DDTs; HCHs; PCBs; drins; TCBs; PAHs]
- (7882) PERIANEZ, R. Chemical and oil spill rapid response modelling in the Strait of Gibraltar-Alboran Sea. *Ecological Modelling*, 207(2-4), 210-222, 2007.

- (7883) PETERS, R.E.M.; COURTENAY, S.C.; CAGAMPAN, S.; HEWITT, M.L.; MACLATCHY, D.L. Effects on reproductive potential and endocrine status in the mummichog (*Fundulus heteroclitus*) after exposure to 17alpha-ethynylestradiol in a short-term reproductive bioassay. *Aquatic Toxicology*, 85(2), 154-166, 2007.
- (7884) ROCHA, A.J.S.; GOMES, V.; NGAN, P.V.; PASSOS, M.J.A.C.R.; FURIA, R.R. Effects of anionic surfactant and salinity on the bioenergetics of juveniles of *Centropomus parallelus* (Poey). *Ecotoxicology and Environmental Safety*, 68(3), 397-404, 2007. [SDS]
- (7885) RODRIGUES, R.V.; SCHWARZ, M.H.; DELBOS, B.C.; SAMPAIO, L.A. Acute toxicity and sublethal effects of ammonia and nitrite for juvenile cobia *Rachycentron canadum*. *Aquaculture*, 271(1-4), 553-557, 2007.
- (7886) RODRIGUEZ, R. Potencial acuicola de las salinas del Astur (Punta Umbria, Huelva, suroeste de la peninsula Iberica). *Boletin. Instituto Espanol de Oceanografia*, 21(1-4), 395-406, 2005. [Cd; Cu; Hg; Pb; dioxins; coliforms]
- (7887) ROSEN, G.; LOTUFO, G.R. Toxicity of explosive compounds to the marine mussel, *Mytilus galloprovincialis*, in aqueous exposures. *Ecotoxicology and Environmental Safety*, 68(2), 228-236, 2007. [2,4,6-trinitrotoluene (TNT); RDX; HMX]
- (7888) ROSEN, G.; LOTUFO, G.R. Bioaccumulation of explosive compounds in the marine mussel, *Mytilus galloprovincialis*. *Ecotoxicology and Environmental Safety*, 68(2), 237-245, 2007. [2,4,6-trinitrotoluene (TNT); RDX; HMX]
- (7889) SEN, A.; SEMIZ, A. Effects of metals and detergents on biotransformation and detoxification enzymes of leaping mullet (*Liza saliens*). *Ecotoxicology and Environmental Safety*, 68(3), 405-411, 2007. [SDS; cholate; deoxycholate; Triton X-100; Tween 20; Brij 35; Emulgen 913; Lubrol; CHAPS; Hg; Ni; Cd; Cu; Zn; Sb; Fe; Co; Al; Mn; Li; K; Ba; Na]
- (7890) SIMAS, T.C.; FERREIRA, J.G. Nutrient enrichment and the role of salt marshes in the Tagus estuary (Portugal). *Estuarine, Coastal and Shelf Science*, 75(3), 393-407, 2007. [Eutrophication]
- (7891) SMITH, P. Antimicrobial use in shrimp farming in Ecuador and emerging multi-resistance during the cholera epidemic of 1991: a re-examination of the data. *Aquaculture*, 271(1-4), 1-7, 2007.
- (7892) SNELLING, D.; BOOT, K. HMS Scylla - a new role for a redundant ship. *Ocean Challenge*, 15(2), 18-25, 2005 (publ. 2007). [Whitsand Bay; TBT]
- (7893) SONNE, C.; DIETZ, R.; BORN, E.W.; RIGET, F.F.; LEIFSSON, P.S.; BECHSHOFT, T.O.; KIRKEGAARD, M. Spatial and temporal variation in size of polar bear (*Ursus maritimus*) sexual organs and its use in pollution and climate change studies. *Science of the Total Environment*, 387(1-3), 237-246, 2007.
- (7894) SOUSA, A.; MATSUDAIRA, C.; TAKAHASHI, S.; TANABE, S.; BARROSO, C. Integrative assessment of organotin contamination in a southern European estuarine system (Ria de Aveiro, NW Portugal): tracking temporal trends in order to evaluate the effectiveness of the EU ban. *Marine Pollution Bulletin*, 54(10), 1645-1653, 2007. [Monobutyltin; dibutyltin; TBT; monophenyltin; diphenyltin; triphenyltin; mono-octyltin; dioctyltin; trioctyltin; imposex]
- (7895) STEWARD, J.S.; GREEN, W.C. Setting load limits for nutrients and suspended solids based upon seagrass depth-limit targets. *Estuaries and Coasts*, 30(4), 657-670, 2007.

- (7896) STOCKIN, K.A.; LAW, R.J.; DUIGNAN, P.J.; JONES, G.W.; PORTER, L.; MIRIMIN, L.; MEYNIER, L.; ORAMS, M.B. Trace elements, PCBs and organochlorine pesticides in New Zealand common dolphins (*Delphinus* sp.). *Science of the Total Environment*, 387(1-3), 333-345, 2007. [Ag; arsenic; Cd; Co; Cr; Cu; Fe; Hg; Mn; Ni; Pb; Se; Sn; Zn; chlordanes; DDTs; dieldrin; HCB; HCHs; heptachlor; heptachlor epoxide; PCB congeners]
- (7897) STRID, A.; JORUNSDOTTIR, H.; PAPKE, O.; SVAVARSSON, J.; BERGMAN, A. Dioxins and PCBs in Greenland shark (*Somniosus microcephalus*) from the North-East Atlantic. *Marine Pollution Bulletin*, 54(9), 1514-1522, 2007. [PCDDs; PCDFs]
- (7898) SWARZENSKI, P.W.; SIMONDS, F.W.; PAULSON, A.J.; KRUSE, S.; REICH, C. Geochemical and geophysical examination of submarine groundwater discharge and associated nutrient loading estimates into Lynch Cove, Hood Canal, WA. *Environmental Science and Technology*, 41(20), 7022-7029, 2007.
- (7899) TOGOLA, A.; BUDZINSKI, H. Development of polar organic integrative samplers of analysis of pharmaceuticals in aquatic systems. *Analytical Chemistry*, 79(17), 6734-6741, 2007. [Seine estuary; caffeine; carbamazepine; diazepam; amitriptyline]
- (7900) TOUZET, N.; FRANCO, J.M.; RAINE, R. Influence of inorganic nutrition on growth and PSP toxin production of *Alexandrium minutum* (Dinophyceae) from Cork Harbour, Ireland. *Toxicon*, 50(1), 106-119, 2007.
- (7901) TSENG, C.-M.; WONG, G.T.F.; CHOU, W.-C.; LEE, B.-S.; SHEU, D.-D.; LIU, K.-K. Temporal variations in the carbonate system in the upper layer at the SEATS station. *Deep-Sea Research II*, 54(14/15), 1448-1468, 2007. [CO₂; carbon dioxide]
- (7902) TULARAM, G.A.; ILAHEE, M. Environmental concerns of desalinating seawater using reverse osmosis. *Journal of Environmental Monitoring*, 9(8), 805-813, 2007. [Critical review]
- (7903) VAGI, M.C.; PETSAS, A.S.; KOSTOPOULOU, M.N.; KARAMANOLI, M.K.; LEKKAS, T.D. Determination of organochlorine pesticides in marine sediments samples using ultrasonic solvent extraction followed by GC/ECD. *Desalination*, 210(1-3), 146-156, 2007. [17 compounds: alpha-HCH; gamma-HCH; beta-HCH; delta-HCH; aldrin; heptachlor epoxide; endosulfan I, 4,4-DDE; dieldrin; endrin; 4,4-DDD; endosulfan II; 4,4-DDT; endrin aldehyde; endosulfan sulfate; methoxychlor; endrin ketone]
- (7904) VALDEZ DOMINGOS, F.X.; AZEVEDO, M.; SILVA, M.D.; RANDI, M.A.F.; FREIRE, C.A.; SILVA DE ASSIS, H.C.; OLIVEIRA RIBEIRO, C.A. Multibiomarker assessment of three Brazilian estuaries using oysters as bioindicators. *Environmental Research*, 105(3), 350-363, 2007. [ATPase; cholinesterase; condition index; histopathology]
- (7905) VERREAULT, J.; BERGER, U.; GABRIELSEN, G.W. Trends of perfluorinated alkyl substances in herring gull eggs from two coastal colonies in northern Norway: 1983 - 2003. *Environmental Science and Technology*, 41(19), 6671-6677, 2007. [PFAS; PFOS; PFCAs; PFDcS]
- (7906) WATKINSON, A.J.; MICALIZZI, G.B.; GRAHAM, G.M.; BATES, J.B.; COSTANZO, S.D. Antibiotic-resistant *Escherichia coli* in wastewaters, surface waters, and oysters from an urban riverine system. *Applied and Environmental Microbiology*, 73(17), 5667-5670, 2007.

- (7907) WESSEL, N.; ROUSSEAU, S.; CAISEY, X.; QUINIOU, F.; AKCHA, F. Investigating the relationship between embryotoxic and genotoxic effects of benzo[a]pyrene, 17alpha-ethinylestradiol and endosulfan on *Crassostrea gigas* embryos. *Aquatic Toxicology*, 85(2), 133-142, 2007.
- (7908) WOLKERS, H.; CORKERON, P.J.; VAN PARIJS, S.M.; SIMILAE, T.; VAN BAVEL, B. Accumulation and transfer of contaminants in killer whales (*Orcinus orca*) from Norway: indications for contaminant metabolism. *Environmental Toxicology and Chemistry*, 26(8), 1582-1590, 2007. [PCBs; pesticides; PBDEs; toxaphenes; DDE]
- (7909) WURL, O.; OBBARD, J.P. A modified technique for field measurements of dry deposition fluxes of polychlorinated biphenyls in tropical regions. *Science of the Total Environment*, 387(1-3), 283-288, 2007. [Coastal and offshore; PCBs]
- (7910) XU, X.-R.; LI, H.-B.; GU, J.-D. Metabolism and biochemical pathway of n-butyl benzyl phthalate by *Pseudomonas fluorescens* B-1 isolated from a mangrove sediment. *Ecotoxicology and Environmental Safety*, 68(3), 379-385, 2007.
- (7911) YOO, Y.H.; SIDHARTHAN, M.; SHIN, H.W. Effects of tributyl-tin on a marine microalga, *Tetraselimis suecica*. *Journal of Environmental Biology*, 28(3), 571-575, 2007. [TBT]

Section 6: Biological Wastes

- (7912) AGUADO-GINMENEZ, F.; MARIN, A.; MONTOYA, S.; MARIN-GUIRAO, L.; PIEDECAUSA, A.; GARCIA-GARCIA, B. Comparison between some procedures for monitoring offshore cage culture in western Mediterranean Sea: sampling methods and impact indicators in soft substrata. *Aquaculture*, 271(1-4), 357-370, 2007. [Nutrients; acid volatile sulphide; organic enrichment]
- (7913) APOSTOLAKI, E.T.; TSAGARAKI, T.; TSAPAKIS, M.; KARAKASSIS, I. Fish farming impact on sediments and macrofauna associated with seagrass meadows in the Mediterranean. *Estuarine, Coastal and Shelf Science*, 75(3), 408-416, 2007.
- (7914) BELL, P.R.F.; ELMETRI, I. Some chemical factors regulating the growth of *Lyngbya majuscula* in Moreton Bay, Australia: importance of sewage discharges. *Hydrobiologia*, 592, 359-371, 2007. [Fe; phosphorus; EDTA]
- (7915) BONILLA, T.D.; NOWOSIELSKI, K.; CUVELIER, M.; HARTZ, A.; GREEN, M.; ESIÖBU, N.; MCCORQUODALE, D.S.; FLEISHER, J.M.; ROGERSON, A. Prevalence and distribution of fecal indicator organisms in South Florida beach sand and preliminary assessment of health effects associated with beach sand exposure. *Marine Pollution Bulletin*, 54(9), 1472-1482, 2007. [Enterococci; faecal coliforms; *E. coli*; coliphage]
- (7916) CLARK, C.D.; O'CONNOR, A.P.; FOLEY, D.M.; DE BRUYN, W.J. A study of fecal coliform sources at a coastal site using colored dissolved organic matter (CDOM) as a water source tracer. *Marine Pollution Bulletin*, 54(9), 1507-1513, 2007.
- (7917) DUBOIS, S.; MARIN-LEAL, J.C.; ROPERT, M.; LEFEBVRE, S. Effects of oyster farming on macrofaunal assemblages associated with *Lanice conchilega* tubeworm populations: a trophic analysis using natural stable isotopes. *Aquaculture*, 271(1-4), 336-349, 2007. [Bay of Veys]
- (7918) FERNANDES, M.; LAUER, P.; CHESHIRE, A.; ANGOVE, M. Preliminary model of nitrogen loads from southern bluefin tuna aquaculture. *Marine Pollution Bulletin*, 54(9), 1321-1332, 2007. [Nutrient discharges; organic waste]
- (7919) FREDERIKSEN, M.S.; HOLMER, M.; DIAZ-ALMELA, E.; MARBA, N.; DUARTE, C.M. Sulfide invasion in the seagrass *Posidonia oceanica* at Mediterranean fish farms: assessment using stable sulfur isotopes. *Marine Ecology Progress Series*, 345, 93-104, 2007. [Fish farms; organic enrichment]
- (7920) HERMOSILLA, Z.; JORGE, C.; ROMERO, I.; MARTI, E.; CABANERO, D. Diferencias espaciales y estacionales en el contenido de nutrientes, demanda de oxígeno y potencial redox en sedimentos bajo una instalación de producción acuícola en jaulas. *Boletín. Instituto Español de Oceanografía*, 21(1-4), 29-35, 2005. [BOD; organic matter; nutrients]
- (7921) MAEKAWA, F.; MIURA, Y.; KATO, A.; TAKAHASHI, K.G.; MUROGA, K. Norovirus contamination in wild oysters and mussels in Shiogama Bay, northeastern Japan. *Journal of Shellfish Research*, 26(2), 365-370, 2007.
- (7922) MARIN, A.; MONTOYA, S.; VITA, R.; MARIN-GUIRAO, L.; LLORET, J.; AGUADO, F. Utility of sea urchin embryo-larval bioassays for assessing the environmental impact of marine fishcage farming. *Aquaculture*, 271(1-4), 286-297, 2007. [Sulphides; nutrients; sediment quality; organic matter]
- (7923) MARTI, E.; MARTI, C.M.; MARTINEZ, R.; PACHES, M.; FALCO, S. El programa de vigilancia ambiental de piscifactorias en jaulas flotantes. *Boletín. Instituto Español de Oceanografía*, 21(1-4), 67-73, 2005. [Eutrophication]

(7924) MIRONOVA, T.O.; MURAVJOVA, I.P. The organic matter of silt aggregates on the breakwaters in the Bays of Sevastopol, Black Sea. *Journal of the Black Sea/Mediterranean Environment*, 13(2), 139-146, 2007.

(7925) NIXON, S.W.; BUCKLEY, B.A.; GRANGER, S.L.; ENTSUA-MENSAH, M.; ANSA-ASARE, O.; WHITE, M.J.; MCKINNEY, R.A.; MENSAH, E. Anthropogenic enrichment and nutrients in some tropical lagoons of Ghana, West Africa. *Ecological Applications*, 17(5), Supplement, S144-S164, 2007.

(7926) POLYMENAKOU, P.N.; FRAGKIOUDAKI, G.; TSELEPIDES, A. Bacterial and organic matter distribution in the sediments of the Thracian Sea (NE Aegean Sea). *Continental Shelf Research*, 27(17), 2187-2197, 2007. [Black carbon]

(7927) RODRIGUEZ, R. Potencial acuicola de las salinas del Astur (Punta Umbria, Huelva, suroeste de la peninsula Iberica). *Boletin. Instituto Espanol de Oceanografia*, 21(1-4), 395-406, 2005. [Cd; Cu; Hg; Pb; dioxins; coliforms]

(7928) TEWFIK, A.; RASMUSSEN, J.B.; MCCANN, K.S. Simplification of seagrass food webs across a gradient of nutrient enrichment. *Canadian Journal of Fisheries and Aquatic Sciences*, 64(7), 956-967, 2007. [Sewage]

(7929) TOURON, A.; BERTHE, T.; GARGALA, G.; FOURNIER, M.; RATAJCZAK, M.; SERVAIS, P.; PETIT, F. Assessment of faecal contamination and the relationship between pathogens and faecal bacterial indicators in an estuarine environment (Seine, France). *Marine Pollution Bulletin*, 54(9), 1441-1450, 2007.

(7930) UEKI, Y.; SHOJI, M.; SUTO, A.; TANABE, T.; OKIMURA, Y.; KIKUCHI, Y.; SAITO, N.; SANO, D.; OMURA, T. Persistence of caliciviruses in artificially contaminated oysters during depuration. *Applied and Environmental Microbiology*, 73(17), 5695-5701, 2007.

(7931) WATKINSON, A.J.; MICALIZZI, G.B.; GRAHAM, G.M.; BATES, J.B.; COSTANZO, S.D. Antibiotic-resistant *Escherichia coli* in wastewaters, surface waters, and oysters from an urban riverine system. *Applied and Environmental Microbiology*, 73(17), 5667-5670, 2007.

(7932) WINFIELD, I.; ABARCA-ARENAS, L.G.; CHAZARO-OLVEREA, S. Crustacean macrofoulers in the Veracruz coral reef system, SW Gulf of Mexico: checklist, spatial distribution and diversity. *Cahiers de Biologie Marine*, 48(3), 287-295, 2007. [Sewage discharge; anthropogenic impact]

Section 7: Heat

(7933) NOZAWA Y.; HARRISON, P.L. Effects of elevated temperature on larval settlement and post-settlement survival in scleractinian corals, *Acropora solitaryensis* and *Favites chinensis*. *Marine Biology*, 152(5), 1181-1185, 2007.

(7934) PRZESLAWSKI, R.; DAVIS, A.R. Does spawning behavior minimize exposure to environmental stressors for encapsulated gastropod embryos on rocky shores? *Marine Biology*, 152(4), 991-1002, 2007. [Temperature; UV]

(7935) WORUM, F. P.; CARRICART-GANIVET, J.P. Simulation and observations of annual density banding in skeletons of *Montastraea* (Cnidaria: Scleractinia) growing under thermal stress associated with ocean warming. *Limnology and Oceanography*, 52(5), 2317-2323, 2007.

Section 8: Solids

- (7936) BROWN, J.; MACFADYEN, G. Ghost fishing in European waters: impacts and management responses. *Marine Policy*, 31(4), 488-504, 2007. [Review]
- (7937) DEL SONTRO, T.S.; LEIFER, I.; LUYENDYK, B.P.; BROITMAN, B.R. Beach tar accumulation, transport mechanisms, and sources of variability at Coal Oil Point, California. *Marine Pollution Bulletin*, 54(9), 1461-1471, 2007. [Oil slicks; tar balls]
- (7938) ESCOFET, A.; BRAVO-PENA, L.C. Overcoming environmental deterioration through defensive expenditures: field evidence from Bahia del Tobari (Sonora, Mexico) and implications for coastal impact assessment. *Journal of Environmental Management*, 84(3), 266-273, 2007. [Water quality; land-use patterns; siltation]
- (7939) GORDON, I.J. Linking land to ocean: feedbacks in the management of socio-ecological systems in the Great Barrier Reef catchments. *Hydrobiologia*, 591, 25-33, 2007. [Grazing land; nutrient loads; sediments; erosion]
- (7940) NEUMEIER, U.; FRIEND, P.L.; GANGELHOF, U.; LUNDING, J.; LUNDKVIST, M.; BERGAMASCO, A.; AMOS, C.L.; FLINDT, M. The influence of fish feed pellets on the stability of seabed sediment: a laboratory flume investigation. *Estuarine, Coastal and Shelf Science*, 75(3), 347-357, 2007.
- (7941) STEWARD, J.S.; GREEN, W.C. Setting load limits for nutrients and suspended solids based upon seagrass depth-limit targets. *Estuaries and Coasts*, 30(4), 657-670, 2007.
- (7942) VAIPHASA, C.; DE BOER, W.F.; SKIDMORE, A.K.; PANITCHART, S.; VAIPHASA, T.; BAMRONGRUGSA, N.; SANTITAMNONT, P. Impact of solid shrimp pond waste materials on mangrove growth and mortality: a case study from Pak Phanang, Thailand. *Hydrobiologia*, 591, 47-57, 2007. [Solid sediments]

Section 9: Physical Disturbance

- (7943) BURGER, J.; CARLUCCI, S.A.; JEITNER, C.W.; NILES, L. Habitat choice, disturbance, and management of foraging shorebirds and gulls at a migratory stopover. *Journal of Coastal Research*, 23(5), 1159-1166, 2007.
- (7944) CALLAWAY, R.; ENGELHARD, G.H.; DANN, J.; COTTER, J.; RUMOHR, H. A century of North Sea epibenthos and trawling: comparison between 1902-1912, 1982-1985 and 2000. *Marine Ecology Progress Series*, 346, 27-43, 2007.
- (7945) CRAEYMEERSCH, J.A.; BERGMAN, M.J.N.; DUINEVELD, G.C.A.; KRONCKE, I.; REISS, H. Ecosystem interactions: faunal components, fishing practices, and parallel studies. Fishing practices. ICES Cooperative Research Report, 288, 156-171, 2007. [Impact on benthic communities; North Sea; species composition; comparison between 1986 and 2000]
- (7946) DAI, J.; SONG, J.; LI, X.; YUAN, H.; ZHENG, G.; LI, N. Geochemical records of phosphorus in Jiaozhou Bay sediments - implications for environmental changes in recent hundred years. *Acta Oceanologica Sinica*, 26(4), 132-147, 2007.
- (7947) DOUNAS, C.; DAVIES, I.; TRIANTAFYLLOU, G.; KOULOURI, P.; PETIHAKIS, G.; ARVANITIDIS, C.; SOURLATZIS, G.; ELEFThERIOU, A. Large-scale impacts of bottom trawling on shelf primary productivity. *Continental Shelf Research*, 27(17), 2198-2210, 2007. [Nutrient release; resuspension]
- (7948) DOVE, M.C.; SAMMUT, J. Impacts of estuarine acidification on survival and growth of Sydney rock oysters *Saccostrea glomerata*. *Journal of Shellfish Research*, 26(2), 519-527, 2007. [Acid sulphate soil; land use]
- (7949) DUINEVELD, G.C.A. Ecosystem interactions: faunal components, fishing practices, and parallel studies. Benthic foodweb studies. ICES Cooperative Research Report, 288, 153-155, 2007. [North Sea]
- (7950) ESCOFET, A.; BRAVO-PENA, L.C. Overcoming environmental deterioration through defensive expenditures: field evidence from Bahia del Tobari (Sonora, Mexico) and implications for coastal impact assessment. *Journal of Environmental Management*, 84(3), 266-273, 2007. [Water quality; land-use patterns; siltation]
- (7951) FANINI, L.; MARCHETTI, G.M.; SCAPINI, F.; DEFEO, O. Abundance and orientation responses of the sandhopper *Talitrus saltator* to beach nourishment and groynes building at San Rossore natural park, Tuscany, Italy. *Marine Biology*, 152(5), 1169-1179, 2007.
- (7952) FERWERDA, J.G.; KETNER, P.; MCGUINNESS, K.A. Differences in regeneration between hurricane damaged and clear-cut mangrove stands 25 years after clearing. *Hydrobiologia*, 591, 35-45, 2007.
- (7953) GRIPPO, M.A.; COOPER, S.; MASSEY, A.G. Effect of beach replenishment projects on waterbird and shorebird communities. *Journal of Coastal Research*, 23(5), 1088-1096, 2007. [Dredging; pipeline movement]
- (7954) HAMMERSTROM, K.K.; KENWORTHY, W.J.; WHITFIELD, P.E.; MERELLO, M.F. Response and recovery dynamics of seagrasses *Thalassia testudinum* and *Syringodium filiforme* and macroalgae in experimental motor vessel disturbances. *Marine Ecology Progress Series*, 345, 83-92, 2007.
- (7955) HARRINGTON, J.J.; SEMMENS, J.M.; HADDON, M. Spatial distribution of commercial dredge fishing effort: application to survey design and the spatial management of a patchily distributed benthic bivalve species. *Marine and Freshwater Research*, 58(8), 756-764, 2007.

- (7956) HUFF, T.M.; JARETT, J.K. Sand addition alters the invertebrate community of intertidal coralline turf. *Marine Ecology Progress Series*, 345, 75-82, 2007.
- (7957) KARP, W.A., (EDITOR). Collection of acoustic data from fishing vessels. ICES Cooperative Research Report, 287, iv, 84p, 2007.
- (7958) KENCHINGTON, E.L.; KENCHINGTON, T.J.; HENRY, L.-A.; FULLER, S.; GONZALEZ, P. Multi-decadal changes in the megabenthos of the Bay of Fundy: the effects of fishing. *Journal of Sea Research*, 58(3), 220-240, 2007.
- (7959) MAGUIRE, J.A., (ET AL). Management recommendations for the sustainable exploitation of mussel seed in the Irish Sea. *Marine Environment and Health Series*, 31, iii, 83p., 2007. [Including impact of dredging]
- (7960) MARCUS, J.E.; SAMOILYS, M.A.; MEEUWIG, J.J.; VILLONGCO, Z.A.D.; VINCENT, A.C.J. Benthic status of near-shore fishing grounds in the central Philippines and associated seahorse densities. *Marine Pollution Bulletin*, 54(9), 1483-1494, 2007.
- (7961) MIRONOVA, T.O.; MURAVJOVA, I.P. The organic matter of silt aggregates on the breakwaters in the Bays of Sevastopol, Black Sea. *Journal of the Black Sea/Mediterranean Environment*, 13(2), 139-146, 2007.
- (7962) RAUTIAINEN, P.; AIKIO, S.; HYVARINEN, M. Growth and disturbance in the spatial dynamics of an endangered seashore grass *Arctophila fulva* var. *pendulina*. *Ecological Modelling*, 207(2-4), 145-154, 2007.
- (7963) TULARAM, G.A.; ILAHEE, M. Environmental concerns of desalinating seawater using reverse osmosis. *Journal of Environmental Monitoring*, 9(8), 805-813, 2007. [Critical review]
- (7964) VAN DE WERFHORST, L.C.; PEARSE, J.S. Trampling in the rocky intertidal of central California: a follow-up study. *Bulletin of Marine Science*, 81(2), 245-254, 2007.
- (7965) VANAVERBEKE, J.; DEPREZ, T.; VINCX, M. Changes in nematode communities at the long-term sand extraction site of the Kwintebank (Southern Bight of the North Sea). *Marine Pollution Bulletin*, 54(9), 1351-1360, 2007.
- (7966) ZHOU, H.; ZHANG, Z.N.; LIU, X.S.; TU, L.H.; YU, Z.S. Changes in the shelf macrobenthic community over large temporal and spatial scales in the Bohai Sea, China. *Journal of Marine Systems*, 67(3/4), 312-321, 2007. [Over-fishing; pollution]

Section 10: Non-indigenous Species

- (7967) BAKER, P.; FAJANS, J.S.; ARNOLD, W.S.; INGRAO, D.A.; MARELLI, D.C.; BAKER, S.M. Range and dispersal of a tropical marine invader, the Asian green mussel, *Perna viridis*, in subtropical waters of the southeastern United States. *Journal of Shellfish Research*, 26(2), 345-355, 2007.
- (7968) BOLCH, C.J.S.; DE SALAS, M.F. A review of the molecular evidence for ballast water introduction of the toxic dinoflagellates *Gymnodinium catenatum* and the *Alexandrium* "tamarensis complex" to Australasia. *Harmful Algae*, 6(4), 465-485, 2007.
- (7969) DANOVARO, R.; PUSCEDDU, A. Ecomanagement of biodiversity and ecosystem functioning in the Mediterranean Sea: concerns and strategies. *Chemistry and Ecology*, 23(5), 347-360, 2007.
- (7970) FLAGELLA, M.M.; VERLAQUE, M.; SORIA, A.; BUIA, M.C. Macroalgal survival in ballast water tanks. *Marine Pollution Bulletin*, 54(9), 1395-1401, 2007.
- (7971) GISBERT, E.; LOPEZ, M.A. First record of a population of the exotic mummichog *Fundulus heteroclitus* (L., 1766) in the Mediterranean Sea basin (Ebro River delta). *Journal of Fish Biology*, 71(4), 1220-1224, 2007.
- (7972) GOLLASCH, S.; DAVID, M.; VOIGT, M.; DRAGSUND, E.; HEWITT, C.; FUKUYO, Y. Critical review of the IMO international convention on the management of ships' ballast water and sediments. *Harmful Algae*, 6(4), 585-600, 2007.
- (7973) GOMES, J.R. Levantamento da ictiofauna do macico da pedra branca e arredores, Rio de Janeiro, estado do Rio de Janeiro. *Arquivos do Museu Nacional*, 64(4), 309-320, 2006. [Fish; checklist]
- (7974) GREENFIELD, B.K.; SIEMERING, G.S.; ANDREWS, J.C.; RAJAN, M.; ANDREWS, S.P., JR.; SPENCER, D.F. Mechanical shredding of water hyacinth (*Eichhornia crassipes*): effects on water quality in the Sacramento-San Joaquin River Delta, California. *Estuaries and Coasts*, 30(4), 627-640, 2007. [Hg; nutrients]
- (7975) GREGG, M.D.; HALLEGRAEFF, G.M. Efficacy of three commercially available ballast water biocides against vegetative microalgae, dinoflagellate cysts and bacteria. *Harmful Algae*, 6(4), 567-584, 2007. [SeaKleen(R); Peraclean(R); Vibrex(R)]
- (7976) HAMNER, R.M.; FRESHWATER, D.W.; WHITFIELD, P.E. Mitochondrial cytochrome b analysis reveals two invasive lionfish species with strong founder effects in the western Atlantic. *Journal of Fish Biology*, 71(Supplement B), 214-222, 2007.
- (7977) KARAYAKAR, F.; ERDEM, C.; CICIK, B. Seasonal variation in copper, zinc, chromium, lead and cadmium levels in hepatopancreas, gill and muscle tissues of the mussel *Brachidontes pharaonis* Fischer, collected along the Mersin Coast, Turkey. *Bulletin of Environmental Contamination and Toxicology*, 79(3), 350-355, 2007. [Cd; Cr; Cu; Pb; Zn]
- (7978) L'AVRINCIKOVA, M.L.; KOVAC, V. Invasive round goby *Neogobius melanostomus* from the Danube mature at small size. *Journal of Applied Ichthyology*, 23(3), 276-278, 2007.
- (7979) MCCOLLIN, T.; SHANKS, A.M.; DUNN, J. The efficiency of regional ballast water exchange: changes in phytoplankton abundance and diversity. *Harmful Algae*, 6(4), 531-546, 2007.

- (7980) MCKINDSEY, C.W.; LANDRY, T.; O'BEIRN, F.X.; DAVIES, I.M. Bivalve aquaculture and exotic species: a review of ecological considerations and management issues. *Journal of Shellfish Research*, 26(2), 281-294, 2007.
- (7981) MOORE, J.D.; JUHASZ, C.I.; ROBBINS, T.T.; GROSHOLZ, E.D. The introduced sabellid polychaete *Terebrasabella heterouncinata* in California: transmission, methods of control and survey for presence in native gastropod populations. *Journal of Shellfish Research*, 26(3), 869-876, 2007.
- (7982) MUNARI, C.; MISTRI, M. Structure and secondary production of the macrobenthic community in an aquatic transition environment of the Gulf of Olbia, Mediterranean Sea. *Indian Journal of Marine Sciences*, 36(3), 216-226, 2007.
- (7983) NAISH, K.A.; TAYLOR, J.E., III.; LEVIN, P.S.; QUINN, T.P.; WINTON, J.R.; HUPPERT, D.; HILBORN, R. An evaluation of the effects of conservation and fishery enhancement hatcheries on wild populations of salmon. *Advances in Marine Biology*, 53, 61-194, 2007.
- (7984) SMAYDA, T.J. Reflections on the ballast water dispersal-harmful algal bloom paradigm. *Harmful Algae*, 6(4), 601-622, 2007.
- (7985) TANNER, J.E. The influence of introduced European green crabs (*Carcinus maenas*) on habitat selection by juvenile native blue crabs (*Portunus pelagicus*). *Estuaries and Coasts*, 30(4), 601-606, 2007.
- (7986) VENERUS, L.A.; GALVAN, D.E.; IRIGOYEN, A.J.; GOSZTONYI, A.E. First record of the namorado sandperch, *Pseudoperca numida* Miranda-Ribeiro, 1903 (Pinguipedidae; Osteichthyes), in Argentine waters. *Journal of Applied Ichthyology*, 23(1), 110-112, 2007. [Possibly introduced in ballast water]
- (7987) WANG, L.; ZHANG, H.; SONG, L.; GUO, X. Loss of allele diversity in introduced populations of the hermaphroditic bay scallop *Argopecten irradians*. *Aquaculture*, 271(1-4), 252-259, 2007.