

ISSN 1742-7614 (online)

Marine Pollution Research Titles

Vol. 34 No. 1 January 2007

Marine Pollution Research Titles

CONTENTS

| | |
|-------------------------------|-----------|
| General | 1 |
| Petroleum Hydrocarbons | 5 |
| Metals | 7 |
| Radioactivity | - |
| Other Chemicals | 10 |
| Biological Wastes | 16 |
| Heat | 18 |
| Solids | 19 |
| Physical Disturbance | 20 |
| Non-indigenous Species | 22 |

Please note that this publication is for users within your institution only and should not be made available to anyone outside the authorised site. Anyone interested in subscribing to Marine Pollution Research Titles can visit our web pages for more information or contact us at the address on page IV.

Subscription

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

National Marine Biological Library
Marine Biological Association
Citadel Hill Laboratory
Plymouth PL1 2PB,
Devon,
United Kingdom.

Telephone: 01752 633266
Fax: 01752 633102
Email nmbi@mba.ac.uk
Web <http://www.mba.ac.uk/nmbi/>

Section 1: General

- (4057) ALLA, A.A.; GILLET, P.; DEUTSCH, B.; MOUKRIM, A.; BERGAYOU, H. Response of *Nereis diversicolor* (Polychaeta, Nereidae) populations to reduced wastewater discharge in the polluted estuary of Oued Souss, Bay of Agadir, Morocco. *Estuarine, Coastal and Shelf Science*, 70(4), 633-642, 2006.
- (4058) ALTIERI, A.H. Inducible variation in hypoxia tolerance across the intertidal-subtidal distribution of the blue mussel *Mytilus edulis*. *Marine Ecology Progress Series*, 325, 295-300, 2006.
- (4059) ARDIZZONE, G.; BELLUSCIO, A.; MAIORANO, L. Long-term change in the structure of a *Posidonia oceanica* landscape and its reference for a monitoring plan. *Marine Ecology*, 27(4), 299-309, 2006. [Eutrophication; turbidity; suspended sediment; anchor damage; dredging]
- (4060) BORG, J.A.; MICALLEF, M.A.; SCHEMBRI, P.J. Spatio-temporal variation in the structure of a deep water *Posidonia oceanica* meadow assessed using non-destructive techniques. *Marine Ecology*, 27(4), 320-327, 2006. [Including possible impact from aquaculture]
- (4061) BOSIRE, J.O.; DAHDOUH-GUEBAS, F.; KAIRO, J.G.; WARTEL, S.; KAZUNGU, J.; KOEDAM, N. Success rates of recruited tree species and their contribution to the structural development of reforested mangrove stands. *Marine Ecology Progress Series*, 325, 85-91, 2006.
- (4062) BOUFAHJA, F.; BEYREM, H.; AISSA, P. Relative pharyngeal volume (RPV): new index for stress monitoring using meiobenthic nematodes. *Meiofauna Marina*, 15, 43-50, 2006. [Cu; Fe; Mn; Ni; Pb; Zn]
- (4063) BOWEN, R.E.; DEPLEDGE, M.H. Rapid Assessment of Marine Pollution (RAMP). *Marine Pollution Bulletin*, 53(10-12), 631-639, 2006.
- (4064) BOWEN, R.E.; HALVORSON, H.; DEPLEDGE, M.H. The oceans and human health. *Marine Pollution Bulletin*, 53(10-12), 541-544, 2006.
- (4065) BOWEN, R.E.; HALVORSON, H.; DEPLEDGE, M.H., (EDITORS). The oceans and human health. *Marine Pollution Bulletin*, 53(10-12), 539-656, 2006.
- (4066) BUIA, M.C.; PROCACCINI, G.; GAMBI, M.C., (EDITORS). Special issue: Advances in seagrass research. A tribute to Lucia Mazzella. *Marine Ecology*, 27(4), 273-433, 2006.
- (4067) BUZOLEVA, L.S.; BEZVERBNAYA, I.P.; ZHURAVEL', E.V.; KALITINA, E.G. Microbiological analysis of the contamination of marginal seas in the northwestern part of the Pacific Ocean. *Russian Academy of Sciences. Oceanology*, 46(1), 50-56, 2006.
- (4068) COURTENAY, G.C.; GLADSTONE, W.; SCHREIDER, M. Assessing the response of estuarine intertidal assemblages to urbanised catchment discharge. *Environmental Monitoring and Assessment*, 107(1-3), 375-398, 2005.
- (4069) DAVIERO, G.J.; ROBERTS, P.J.W. Marine wastewater discharges from multiport diffusers. III: stratified stationary water. *Journal of Hydraulic Engineering*, 132(40), 404-410, 2005.
- (4070) GONLUGUR-DEMIRCI, G. Crustacea fauna of the Turkish Black Sea coasts: a checklist. *Crustaceana*, 79(9), 1129-1139, 2006.
- (4071) GUERRIERO, G.; CIARCIA, G. Stress biomarkers and reproduction in fish. In: Reinecke, M.; Zaccone, G.; Kapoor, B.G., (editors). *Fish endocrinology*. p.665-692. Enfield, New Hampshire: Science Publishers, 2006.

- (4072) HAJKOWICZ, S. Multi-attributed environmental index construction. *Ecological Economics*, 57(1), 122-139, 2006.
- (4073) HANNA, S.R.; MACDONALD, C.P.; LILLY, M.; KNODERER, C.; HUANG, C.H. Analysis of three years of boundary layer observations over the Gulf of Mexico and its shores. *Estuarine, Coastal and Shelf Science*, 70(4), 541-550, 2006. [Transport and dispersion of pollutants; COARE]
- (4074) HELLAND, A.; SEVERINSEN, G.; GREEN, N.; RYGG, B. Polluted sediments in relation to ship yards. [In Norwegian with English summary]. *Norsk Institutt for Vannforskning Rapport*, (5137), 38p., 2006.
- (4075) HODIN, J. Expanding networks: signalling components in and a hypothesis for the evolution of metamorphosis. *Integrative and Comparative Biology*, 46(6), 719-742, 2006. [Including impact of pollution]
- (4076) HOFMANN, J.; BEHRENDT, H.; GILBERT, A.; JANSSEN, R.; KANNEN, A.; KAPPENBERG, J.; LENHART, H.; LISE, W.; NUNNERI, C.; WINDHORST, W. Catchment-coastal zone interaction based upon scenario and model analysis: Elbe and the German Bight case study. *Regional Environmental Change*, 5(2/3), 54-81, 2005. [Eutrophication; nutrients]
- (4077) JOHNSON, S.R.; NOEL, L.E.; GAZEY, W.J.; HAWKES, V.C. Aerial monitoring of marine waterfowl in the Alaskan Beaufort Sea. *Environmental Monitoring and Assessment*, 108(1-3), 1-43, 2005.
- (4078) KARAGEORGIS, A.P., (ET AL). An integrated approach to watershed management within the SPSIR framework; Azios River catchment and Thermaikos Gulf. *Regional Environmental Change*, 5(2/3), 138-160, 2005. [Eutrophication; hypoxia; nutrients; HAB]
- (4079) KELLEY, K.M.; PRICE, T.D.; GALIMA, M.M.; SAK, K.; REYES, J.A.; ZEPEDA, O.; HAGSTROM, R.; TRUONG, T.A.; LOWE, C.G. Insulin-like growth factor-binding proteins (IGFBPs) in fish: beacons for (disrupted) growth endocrine physiology. In: Reinecke, M.; Zaccane, G.; Kapoor, B.G., (editors). *Fish endocrinology*. Volume 1. p.167-195. Enfield, New Hampshire: Science Publishers, 2006.
- (4080) KROGER, K.; GARDNER, J.P.A.; ROWDEN, A.A.; WEAR, R.G. Recovery of a subtidal soft-sediment macroinvertebrate assemblage following experimentally induced effects of a harmful algal bloom. *Marine Ecology Progress Series*, 326, 85-98, 2006. [Defaunation; recovery]
- (4081) KUO, J.; KANAMOTO, Z.; IIZUMI, H.; AIOI, K.; MUKAI, H. Seagrasses from the Nansei Islands, Southern Japanese Archipelago: species composition, distribution and biogeography. *Marine Ecology*, 27(4), 290-298, 2006. [Including anthropogenic impact]
- (4082) LAING, I.; WALKER, P.; AREAL, F. Return of the native - is European oyster (*Ostrea edulis*) stock restoration in the UK feasible? *Aquatic Living Resources*, 19(3), 283-287, 2006. [Review]
- (4083) LEDOUX, L.; BEAUMONT, N.; CAVE, R.; TURNER, R.K. Scenarios for integrated river catchment and coastal zone management. *Regional Environmental Change*, 5(2/3), 82-96, 2005. [Humber; nutrients; contaminants]
- (4084) MARTYNIUK, C.J.; GALLANT, N.S.; MARLATT, V.L.; WIENS, S.C.; WOODHOUSE, A.J.; TRUDEAU, V.L. Current perspectives on 17 beta-estradiol (E2) action and nuclear estrogen receptors (ER) in teleost fish. In: Reinecke, M.; Zaccane, G.; Kapoor, B.G., (editors). *Fish endocrinology*. p.625-663. Enfield, New Hampshire: Science Publishers, 2006. [Endocrine disruption; xenoestrogens]

- (4085) MCDUGALL, K.E.; GIBB, S.W.; BOYD, K.G.; BROWN, B.E. 'Chlorophyll-like' compounds as novel biomarkers of stress in corals. *Marine Ecology Progress Series*, 325, 137-144, 2006.
- (4086) MCKEE, L.J.; GANJU, N.K.; SCHOELLHAMER, D.H. Estimates of suspended sediment entering San Francisco Bay from the Sacramento and San Joaquin Delta, San Francisco Bay, California. *Journal of Hydrology*, 323(1-4), 335-352, 2006. [Pollutant transport]
- (4087) NORKKO, J.; THRUSH, S.F. Ecophysiology in environmental impact assessment: implications of spatial differences in seasonal variability of bivalve condition. *Marine Ecology Progress Series*, 326, 175-186, 2006.
- (4088) PAPAGEORGIOU, N.; ARVANITIDIS, C.; ELEFThERIOU, A. Multicausal environmental severity: a flexible framework for microtidal sandy beaches and the role of polychaetes as an indicator taxon. *Estuarine, Coastal and Shelf Science*, 70(4), 643-653, 2006. [Environmental stress]
- (4089) PIRRONE, N.; TROMBINO, G.; CINNIRELLA, S.; ALGIERI, A.; BENDORICCHIO, G.; PALMERI, L. The Driver-Pressure-State-Impact-Response (DPSIR) approach for integrated catchment-coastal zone management: preliminary application to the Po catchment-Adriatic Sea coastal zone system. *Regional Environmental Change*, 5(2/3), 111-137, 2005. [Nutrient load; eutrophication; fertilizers; manure spreading]
- (4090) POMEROY, L.R.; D'ELIA, C.F.; SCHAFFNER, L.C. Limits to top-down control of phytoplankton by oysters in Chesapeake Bay. *Marine Ecology Progress Series*, 325, 301-309, 2006. [Eutrophication; hypoxia; nutrient loading]
- (4091) PRICE, J.M., (EDITOR). Merging engineering and science in marine environmental model applications. *Estuarine, Coastal and Shelf Science*, 70(4), 523-632, 2006.
- (4092) SANCHEZ-MOYANO, J.E.; FA, D.A.; ESTACIO, F.J.; GARCIA-GOMEZ, J.C. Monitoring of marine benthic communities and taxonomic resolution: an approach through diverse habitats and substrates along the Southern Iberian coastline. *Helgoland Marine Research*, 60(4), 243-255, 2006.
- (4093) SCHROPE, M. The dead zones. *New Scientist*, 192(2581), 38-42, 2006. [Hypoxia; nutrients]
- (4094) SEITZ, R.D.; LIPCIUS, R.N.; OLMSTEAD, N.H.; SEEBO, M.S.; LAMBERT, D.M. Influence of shallow-water habitats and shoreline development on abundance, biomass, and diversity of benthic prey and predators in Chesapeake Bay. *Marine Ecology Progress Series*, 326, 11-27, 2006.
- (4095) SHORT, F.T.; KOCH, E.W.; CREED, J.C.; MAGALHAES, K.M.; FERNANDEZ, E.; GAECKLE, J.L. SeagrassNet monitoring across the Americas: case studies of seagrass decline. *Marine Ecology*, 27(4), 277-289, 2006. [Climate change; eutrophication]
- (4096) STIERHOFF, K.L.; TARGETT, T.E.; MILLER, K. Ecophysiological responses of juvenile summer and winter flounder to hypoxia: experimental and modeling analyses of effects on estuarine nursery quality. *Marine Ecology Progress Series*, 325, 255-266, 2006.
- (4097) SUH, S.-W. A hybrid approach to particle tracking and Eulerian-Lagrangian models in the simulation of coastal dispersion. *Environmental Modelling and Software*, 21(2), 234-242, 2006.
- (4098) TERWILLIGER, N.B.; RYAN, M.; PHILLIPS, M.R. Crustacean hemocyanin gene family and microarray studies of expression change during eco-physiological stress. *Integrative and Comparative Biology*, 46(6), 991-999, 2006.
- (4099) TIAN, X.; ROBERTS, P.J.W.; DAVIERO, G.J. Marine wastewater discharges from multipoint diffusers. IV: stratified flowing water. *Journal of Hydraulic Engineering*, 132(4), 411-419, 2005.

(4100) ZUPO, V.; BUIA, M.C.; GAMBI, M.C.; LORENTI, M.; PROCACCINI, G. Temporal variations in the spatial distribution of shoot density in a *Posidonia oceanica* meadow and patterns of genetic diversity. *Marine Ecology*, 27(4), 328-338, 2006. [Pleasure boat anchoring]

Section 2: Petroleum Hydrocarbons

- (4101) ABBONDANZI, F.; BRUZZI, L.; CAMPISI, T.; FREZZATI, A.; GUERRA, R.; IACONDINI, A. Biotreatability of polycyclic aromatic hydrocarbons in brackish sediments: preliminary studies of an integrated monitoring. *International Biodeterioration and Biodegradation*, 57(4), 214-221, 2006. [PAH]
- (4102) BUZOLEVA, L.S.; BEZVERBNAYA, I.P.; ZHURAVEL', E.V.; KALITINA, E.G. Microbiological analysis of the contamination of marginal seas in the northwestern part of the Pacific Ocean. *Russian Academy of Sciences. Oceanology*, 46(1), 50-56, 2006.
- (4103) CASADO-MARTINEZ, M.C.; BUCETA, J.L.; BELZUNCE, M.J.; DELVALLS, T.A. Using sediment quality guidelines for dredged material management in commercial ports from Spain. *Environmental International*, 32(3), 388-396, 2006. [Arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn; PCB congeners; PAHs]
- (4104) DAM, E.; STYRISHAVE, B.; REWITZ, K.F.; ANDERSEN, O. Intermoult duration affects the susceptibility of shore crabs *Carcinus maenas* (L.) to pyrene and their ability to metabolise it. *Aquatic Toxicology*, 80(1), 290-297, 2006. [PAH; cytochrome P450]
- (4105) FLEMING, L.E.; BROAD, K.; CLEMENT, A.; DEWAILLY, E.; ELMIR, S.; KNAP, A.; POMPONI, S.A.; SMITH, S.; SOLO GABRIELE, H.; WALSH, P. Oceans and human health: emerging public health risks in the marine environment. *Marine Pollution Bulletin*, 53(10-12), 545-560, 2006.
- (4106) GALLOWAY, T.S. Biomarkers in environmental and human health risk assessment. *Marine Pollution Bulletin*, 53(10-12), 606-613, 2006. [PAH; organophosphorous pesticides; TBT]
- (4107) GARZA-GIL, M.; PRADA-BLANCO, A.; VAZQUEZ-RODRIGUEZ, M. Estimating the short-term economic damages from the Prestige oil spill in the Galician fisheries and tourism. *Ecological Economics*, 58(4), 842-849, 2006.
- (4108) GENTILI, A.R.; CUBITTO, M.A.; FERRERO, M.; RODRIGUEZ, M.S. Bioremediation of crude oil polluted seawater by a hydrocarbon-degrading bacterial strain immobilized on chitin and chitosan flakes. *International Biodeterioration and Degradation*, 57(4), 222-228, 2006.
- (4109) KERAMITSOGLU, I.; CARTALIS, C.; KIRANOUDIS, C.T. Automatic identification of oil spills on satellite images. *Environmental Modelling and Software*, 21(5), 640-652, 2006.
- (4110) KRANG, A.-S. Impact of pollutants on chemically mediated behaviour in benthic crustaceans. 59p. Goeteborg (Sweden): Geoteborg University, 2006. (Thesis) [Mn; Cu; PAHs; naphthalene]
- (4111) KUCUKSEZGIN, F.; KONTAS, A.; ALTAY, O.; ULUTURHAN, E.; DARILMAZ, E. Assessment of marine pollution in Izmir Bay: nutrient, heavy metal and total hydrocarbon concentrations. *Environment International*, 32(1), 41-51, 2006. [Cd; Cr; Hg; Pb; petroleum hydrocarbons]
- (4112) LAFFON, B.; RABADE, T.; PASARO, E.; MENDEZ, J. Monitoring of the impact of Prestige oil spill on *Mytilus galloprovincialis* from Galician coast. *Environmental International*, 32(3), 342-348, 2006.
- (4113) LE GENTIL, E. Accident's effects on Marpol's enforcement (Annex 1) and evolution of operational oil spills from vessels off Brittany Coast (France). *Norois*, 198, 49-62, 2006.
- (4114) LITTLE, A.E.; MOORE, J.J.; DYRYNDA, P.E.J. Ecological impacts of shoreline clean-up during the Sea Empress oil spill. *CCW Sea Empress Contract Report*, (714), v, 131p., 2006.

- (4115) MCCREADY, S.; BIRCH, G.F.; LONG, E.R.; SPYRAKIS, G.; GREELY, C.R. Predictive abilities of numerical sediment quality guidelines in Sydney Harbour, Australia, and vicinity. *Environment International*, 32(5), 638-649, 2006. [PAHs; PCBs; Cu; Hg; Pb; Zn; benzo(a)pyrene; pyrene; DDT; chlordane]
- (4116) MIHAILOVIC, M., (ET AL). CYP1A expression in *Mullus barbatus* and *Merluccius merluccius* from the Adriatic Sea in Serbia and Montenegro. *Bulletin of Environmental Contamination and Toxicology*, 77(4), 559-565, 2006. [PAH; PCB]
- (4117) OSUJI, L.C.; ONOJAKE, C.M. Field reconnaissance and estimation of petroleum hydrocarbon and heavy metal contents of soils affected by the Ebocha-8 oil spillage in Niger Delta, Nigeria. *Journal of Environmental Management*, 79(2), 133-139, 2006. [Cd; Cu; Ni; Pb; V; oil spillage; PAHs]
- (4118) PALMQVIST, A.; RASMUSSEN, L.J.; FORBES, V.E. Influence of biotransformation on trophic transfer of the PAH, fluoranthene. *Aquatic Toxicology*, 80(1), 309-319, 2006. [DNA damage; *Nereis virens*; *Capitella* sp.]
- (4119) PORTE, C.; JANER, G.; LORUSSO, L.C.; ORTIZ-ZARRAGOITIA, M.; CAJARAVILLE, M.P.; FOSSI, M.C.; CANESI, L. Endocrine disruptors in marine organisms: approaches and perspectives. *Comparative Biochemistry and Physiology C*, 143(3), 303-315, 2006. [Biomarkers; endocrine disruption; vitellogenin; CYP1A]
- (4120) SALAS, N.; ORTIZ, L.; GILCOTO, M.; VARELA, M.; BAYONA, J.M.; GROOM, S.; ALVAREZ-SALGADO, X.A.; ALBAIGES, J. Fingerprinting petroleum hydrocarbons in plankton and surface sediments during the spring and early summer blooms in the Galician coast (NW Spain) after the Prestige oil spill. *Marine Environmental Research*, 62(5), 388-413, 2006. [PAH]
- (4121) SANCHEZ-MOYANO, J.E.; FA, D.A.; ESTACIO, F.J.; GARCIA-GOMEZ, J.C. Monitoring of marine benthic communities and taxonomic resolution: an approach through diverse habitats and substrates along the Southern Iberian coastline. *Helgoland Marine Research*, 60(4), 243-255, 2006.
- (4122) SEBASTIAO, P.; SOARES, C.G. Uncertainty in predictions of oil spill trajectories in a coastal zone. *Journal of Marine Systems*, 63(3/4), 257-269, 2006. [Marao oil spill]
- (4123) UMBUZEIRO, G. DE A.; KUMMROW, F.; ROUBICEK, D.A.; TOMINGA, M.Y. Evaluation of the water genotoxicity from Santos Estuary (Brazil) in relation to the sediment contamination and effluent discharges. *Environment International*, 32(3), 359-364, 2006. [PAHs; steel mill discharge]
- (4124) UNLUE, S.; ALPAR, B. Distribution and sources of hydrocarbons in surface sediments of Gemlik Bay (Marmara Sea, Turkey). *Chemosphere*, 64(5), 764-777, 2006.
- (4125) WANG, S.D.; SHEN, Y.M.; ZHENG, Y.H. Two-dimensional numerical simulation for transport and fate of oil spills in seas. *Ocean Engineering*, 32(13), 1556-1571, 2005.
- (4126) WEBSTER, L.; PHILLIPS, L.; RUSSELL, M.; DALGARNO, E.; MOFFAT, C. Organic contaminants in the Firth of Clyde following the cessation of sewage sludge dumping. *Journal of Environmental Monitoring*, 7(12), 1378-1387, 2005. [PAHs; chlorobiphenyls]
- (4127) WIRTZ, K.W.; LIU, X. Integrating economy, ecology and uncertainty in an oil-spill DSS: the Prestige accident in Spain, 2002. *Estuarine, Coastal and Shelf Science*, 70(4), 525-532, 2006.
- (4128) WRENN, B.A.; SARNECKI, K.L.; KOHAR, E.S.; LEE, K.; VENOSA, A.D. Effects of nutrient source and supply on crude oil biodegradation in continuous-flow beach microcosms. *Journal of Environmental Engineering*, 132(1), 75-84, 2006.

Section 3: Metals

- (4129) BASU, N.; KWAN, M.; CHAN, H.M. Mercury but not organochlorines inhibits muscarinic cholinergic receptor binding in the cerebrum of ringed seals (*Phoca hispida*). *Journal of Toxicology and Environmental Health, Part A: Current Issues*, 69(11-12), 1133-1143, 2006. [Methylmercury; p,p'-DDT; Arochlor 1254; chlordane; dieldrin; lindane; toxaphene]
- (4130) BOUFAHJA, F.; BEYREM, H.; AISSA, P. Relative pharyngeal volume (RPV): new index for stress monitoring using meiobenthic nematodes. *Meiofauna Marina*, 15, 43-50, 2006. [Cu; Fe; Mn; Ni; Pb; Zn]
- (4131) BOUTHIR, F.Z.; BENBRAHIM, S.; CHAFIK, A.; SOUABI, S.; SIFEDDINE, M. Mercury accumulation in the mussel *Mytilus galloprovincialis*, and the flat head grey mullet *Mugil cephalus*, the white seabream *Diplodus sargus* fish, in the coast of the Wilaya of Big Casablanca at the Atlantic site of Morocco. *Journal of Marine Environmental Engineering*, 8(3), 215-224, 2006. [Hg]
- (4132) BURTON, E.D.; PHILLIPS, I.R.; HAWKER, D.W. Factors controlling the geochemical partitioning of trace metals in estuarine sediments. *Soil and Sediment Contamination*, 15(3), 253-276, 2006. [Cu; Pb; Zn]
- (4133) CARTWRIGHT, S.R.; COLEMAN, R.A.; BROWNE, M.A. Ecologically relevant effects of pulse application of copper on the limpet *Patella vulgata*. *Marine Ecology Progress Series*, 326, 187-194, 2006. [Cu]
- (4134) CASADO-MARTINEZ, M.C.; BUCETA, J.L.; BELZUNCE, M.J.; DELVALLS, T.A. Using sediment quality guidelines for dredged material management in commercial ports from Spain. *Environmental International*, 32(3), 388-396, 2006. [Arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn; PCB congeners; PAHs]
- (4135) CHEN, M.-H.; CHEN, C.-Y.; CHOU, H.-Y.; WEN, T.-C. Metal bioaccumulation in the rock crabs, *Thalamita crenata*, in Dapeng Bay, Southwestern Taiwan. *Journal of the Fisheries Society of Taiwan*, 32(1), p.21, 2005. [Cu; Fe; Mn; Zn; As; Cd; Co; Se]
- (4136) CONNELLY, D.P.; STATHAM, P.J.; KNAP, A.H. Seasonal changes in speciation of dissolved chromium in the surface Sargasso Sea. *Deep-Sea Research I*, 53(12), 1975-1988, 2006. [Cr]
- (4137) DEHEYN, D.D.; LATZ, M.I. Bioavailability of metals along a contamination gradient in San Diego Bay (California, USA). *Chemosphere*, 63(5), 818-834, 2006. [Transplantation; Ophiolithrix; Spiculata; Ag; Al; arsenic; Cd; Cr; Cu; Fe; Mn; Ni; Pb; Se; Sn; Sr; Ti; Zn]
- (4138) FINKELSTEIN, M.; KEITT, B.S.; CROLL, D.A.; TERSHY, B.; JARMAN, W.M.; RODRIGUEZ-PASTOR, S.; ANDERSON, D.J.; SIEVERT, P.R.; SMITH, D.R. Albatross species demonstrate regional differences in North Pacific marine contamination. *Ecological Applications*, 16(2), 678-686, 2006. [Hg; DDTs; PCBs]
- (4139) FLEMING, L.E.; BROAD, K.; CLEMENT, A.; DEWAILLY, E.; ELMIR, S.; KNAP, A.; POMPONI, S.A.; SMITH, S.; SOLO GABRIELE, H.; WALSH, P. Oceans and human health: emerging public health risks in the marine environment. *Marine Pollution Bulletin*, 53(10-12), 545-560, 2006.
- (4140) GAGNEUX-MOREAUX, S.; COSSON, R.P.; BUSTAMANTE, P.; MOREAU, C. Growth and metal uptake of microalgae produced using salt groundwaters from the Bay of Bourgneuf. *Aquatic Living Resources*, 19(3), 247-255, 2006. [Cd; Cu; Pb; Zn]
- (4141) GALLOWAY, T.S. Biomarkers in environmental and human health risk assessment. *Marine Pollution Bulletin*, 53(10-12), 606-613, 2006. [PAH; organophosphorous pesticides; TBT]

- (4142) HAGLER, G.S.W. Source areas and chemical composition of fine particulate matter in the Pearl River Delta region of China. *Atmospheric Environment*, 40(20), 3802-3815, 2006.
- (4143) HAJKOWICZ, S. Multi-attributed environmental index construction. *Ecological Economics*, 57(1), 122-139, 2006.
- (4144) HORIGUCHI, F.; NAKATA, K.; ITO, N.; OKAWA, K. Risk assessment of TBT in the Japanese short-neck clam (*Ruditapes philippinarum*) of Tokyo Bay using a chemical fate model. *Estuarine, Coastal and Shelf Science*, 70(4), 589-598, 2006.
- (4145) INOUE, S.; ABE, S.-I.; OSHIMA, Y.; KAI, N.; HONJO, T. Tributyltin contamination of bivalves in coastal areas around northern Kyushu, Japan. *Environmental Toxicology*, 21(3), 244-249, 2006. [TBT]
- (4146) JOHNSON, J.; SCHEWEL, L.; GRAEDEL, T.E. The contemporary anthropogenic chromium cycle. *Environmental Science and Technology*, 40(22), 7060-7069, 2006. [Cr]
- (4147) KIM, S.G.; EOM, K.-H.; KIM, S.-S.; JIN, H.-G.; KANG, J.-C. Kinetics of Cd accumulation and elimination in tissues of juvenile rockfish (*Sebastes schlegeli*) exposed to dietary Cd. *Marine Environmental Research*, 62(5), 327-340, 2006.
- (4148) KIM, Y.K.; YOO, W.I.; LEE, S.H.; LEE, M.Y. Proteomic analysis of cadmium-induced protein profile alterations from marine alga *Nannochloropsis oculata*. *Ecotoxicology*, 14(6), 589-596, 2005. [Cd]
- (4149) KRANG, A.-S. Impact of pollutants on chemically mediated behaviour in benthic crustaceans. 59p. Goeteborg (Sweden): Geoteborg University, 2006. (Thesis) [Mn; Cu; PAHs; naphthalene]
- (4150) KUCUKSEZGIN, F.; KONTAS, A.; ALTAY, O.; ULUTURHAN, E.; DARILMAZ, E. Assessment of marine pollution in Izmir Bay: nutrient, heavy metal and total hydrocarbon concentrations. *Environment International*, 32(1), 41-51, 2006. [Cd; Cr; Hg; Pb; petroleum hydrocarbons]
- (4151) MASON, R.P.; HEYES, D.; SVEINSDOTTIR, A. Methylmercury concentrations in fish from tidal waters of the Chesapeake Bay. *Archives of Environmental Contamination and Toxicology*, 51(3), 425-437, 2006.
- (4152) MCCREADY, S.; BIRCH, G.F.; LONG, E.R.; SPYRAKIS, G.; GREELY, C.R. Predictive abilities of numerical sediment quality guidelines in Sydney Harbour, Australia, and vicinity. *Environment International*, 32(5), 638-649, 2006. [PAHs; PCBs; Cu; Hg; Pb; Zn; benzo(a)pyrene; pyrene; DDT; chlordane]
- (4153) ORDUNA-ROJAS, J.; LONGORIA-ESPINOZA, R.M. Metal content in *Ulva lactuca* (Linnaeus) from Navachiste Bay (southeast Gulf of California) Sinaloa, Mexico. *Bulletin of Environmental Contamination and Toxicology*, 77(4), 574-580, 2006. [Cd; Cu; Fe; Pb; Zn]
- (4154) OSUJI, L.C.; ONOJAKE, C.M. Field reconnaissance and estimation of petroleum hydrocarbon and heavy metal contents of soils affected by the Ebocha-8 oil spillage in Niger Delta, Nigeria. *Journal of Environmental Management*, 79(2), 133-139, 2006. [Cd; Cu; Ni; Pb; V; oil spillage; PAHs]
- (4155) PERRETT, L.A.; JOHNSTON, E.L.; POORE, A.G.B. Impact by association: direct and indirect effects of copper exposure on mobile invertebrate fauna. *Marine Ecology Progress Series*, 326, 195-205, 2006. [Cu]

- (4156) POHL, C.; HENNINGS, U.; LEIPE, T. Die Schwermetall-Situation in der Ostsee im Jahre 2005. *Meereswissenschaftliche Berichte, Warnemunde*, 66, 83-118, 2006. [Arsenic; Cd; Cu; Mn; Pb; Zn]
- (4157) PORTE, C.; JANER, G.; LORUSSO, L.C.; ORTIZ-ZARRAGOITIA, M.; CAJARAVILLE, M.P.; FOSSI, M.C.; CANESI, L. Endocrine disruptors in marine organisms: approaches and perspectives. *Comparative Biochemistry and Physiology C*, 143(3), 303-315, 2006. [Biomarkers; endocrine disruption; vitellogenin; CYP1A]
- (4158) POURANG, N.; NIKOUYAN, A.; DENNIS, J.H. Trace element concentrations in fish, surficial sediments and water from northern part of the Persian Gulf. *Environmental Monitoring and Assessment*, 109(1-3), 293-316, 2005. [Cd; Ni; Pb; V]
- (4159) ROSE, W.L.; NISBET, R.M.; GREEN, P.G.; NORRIS, S.; FAN, T.; SMITH, E.H.; CHERR, G.N.; ANDERSON, S.L. Using an integrated approach to link biomarker responses and physiological stress to growth impairment of cadmium-exposed larval topmelt. *Aquatic Toxicology*, 80(1), 298-308, 2006. [Cd]
- (4160) SEO, J.S.; LEE, K.-W.; RHEE, J.-S.; HWANG, D.-S.; LEE, Y.-M.; PARK, H.G.; AHN, I.-Y.; LEE, J.-S. Environmental stressors (salinity, heavy metals, H₂O₂) modulate expression of glutathione reductase (GR) gene from the intertidal copepod *Tigriopus japonicus*. *Aquatic Toxicology*, 80(1), 281-289, 2006. [Cu; Mn; hydrogen peroxide]
- (4161) SLEJKOVEC, Z.; KAPOLNA, E.; IPOLYI, I.; VAN ELTEREN, J.T. Arsenosugars and other arsenic compounds in littoral zone algae from the Adriatic Sea. *Chemosphere*, 63(7), 1098-1105, 2006.
- (4162) SMAOUI-DAMAK, W.; REBAI, T.; BERTHET, B.; HAMZA-CHAFFAI, A. Does cadmium pollution affect reproduction in the clam *Ruditapes decussatus*? A one-year case study. *Comparative Biochemistry and Physiology C*, 143(2), 252-261, 2006. [Cd]
- (4163) VEINOTT, G.; SJARE, B. Mercury, cadmium, selenium, and seven other elements in the muscle, renal, and hepatic tissue of harbor seals (*Phoca vitulina*) from Newfoundland and Labrador, Canada. *Bulletin of Environmental Contamination and Toxicology*, 77(4), 597-607, 2006. [Arsenic; Cd; Co; Cu; Hg; Mg; Mn; Se; Zn]
- (4164) VIRGILIO, M.; BACKELJAU, T.; ABBIATI, M. Mitochondrial DNA and allozyme patterns of *Hediste diversicolor* (Polychaeta: Nereididae): the importance of small scale genetic structuring. *Marine Ecology Progress Series*, 326, 157-165, 2006. [Cd; Cu; Ni; Pb; Zn]
- (4165) WU, T.-M. Analysis of copper-induced gene expressions in *Ulva fasciata*. *Journal of the Fisheries Society of Taiwan*, 32(1), 101-102, 2005. [Cu]
- (4166) YANG, J.; MIYAZAKI, N. Transplacental transfer of butyltins to fetus of Dall's porpoises (*Phocoenoides dalli*). *Chemosphere*, 63(5), 716-721, 2006. [Monobutyltin; dibutyltin; TBT]
- (4167) YANG, J.; MIYAZAKI, N.; KUNITO, T.; TANABE, S. Trace elements and butyltins in a Dall's porpoise (*Phocoenoides dalli*) from the Sanriku coast of Japan. *Chemosphere*, 63(3), 449-457, 2006. [Hg; Cr; Mn; Co; Cu; Zn; Sr; Ag; Cd; V; Se; Pb; Mo; Fe; TBT; dibutyltin; monobutyltin]
- (4168) ZANETTE, J.; MONSERRAT, J.M.; BIANCHINI, A. Biochemical biomarkers in gills of mangrove oyster *Crassostrea rhizophorae* from three Brazilian estuaries. *Comparative Biochemistry and Physiology C*, 143(2), 187-195, 2006. [CAT; GST; TOSC; metallothionein; lipid peroxides]

Section 5: Other Chemicals

- (4169) ARDIZZONE, G.; BELLUSCIO, A.; MAIORANO, L. Long-term change in the structure of a *Posidonia oceanica* landscape and its reference for a monitoring plan. *Marine Ecology*, 27(4), 299-309, 2006. [Eutrophication; turbidity; suspended sediment; anchor damage; dredging]
- (4170) AUBIN, J.; PAPATRYPHON, E.; VAN DER WERF, H.M.G.; PETIT, J.; MORVAN, Y.M. Characterisation of the environmental impact of a turbot (*Scophthalmus maximus*) re-circulating production system using Life Cycle Assessment. *Aquaculture*, 261(4), 1259-1268, 2006. [Jaudy river estuary; eutrophication; nutrients]
- (4171) AUMONT, O.; BOPP, L. Globalizing results from ocean in situ iron fertilization studies. *Global Biogeochemical Cycles*, 20(2), GB2017, 2006. [CO₂ sequestration]
- (4172) BARAHONA, M.V.; SANCHEZ-FORTUN, S. Protective effect induced by atropine, carbamates, and 2-pyridine aldoxime methoiodide *Artemia salina* larvae exposed to fonofos and phosphamidon. *Ecotoxicology and Environmental Safety*, 66(1), 65-73, 2007.
- (4173) BASU, N.; KWAN, M.; CHAN, H.M. Mercury but not organochlorines inhibits muscarinic cholinergic receptor binding in the cerebrum of ringed seals (*Phoca hispida*). *Journal of Toxicology and Environmental Health, Part A: Current Issues*, 69(11-12), 1133-1143, 2006. [Methylmercury; p,p'-DDT; Arochlor 1254; chlordane; dieldrin; lindane; toxaphene]
- (4174) BORRELL, A.; AGUILAR, A.; TORNERO, V.; SEQUEIRA, M.; FERNANDEZ, G.; ALIS, S. Organochlorine compounds and stable isotopes indicate bottlenose dolphin subpopulation structure around the Iberian Peninsula. *Environmental International*, 32(4), 516-523, 2006. [DDTs; HCH; PCB congeners]
- (4175) BROWN, F.; WINKLER, J.; VISITA, P.; DHALIWAL, J.; PETREAS, M. Levels of PBDEs, PCDDs, PCDFs, and coplanar PCBs in edible fish from California coastal waters. *Chemosphere*, 64(2), 276-286, 2006.
- (4176) CASADO-MARTINEZ, M.C.; BUCETA, J.L.; BELZUNCE, M.J.; DELVALLS, T.A. Using sediment quality guidelines for dredged material management in commercial ports from Spain. *Environmental International*, 32(3), 388-396, 2006. [Arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn; PCB congeners; PAHs]
- (4177) CETIN, B.; OZER, S.; SOFUOGLU, A.; ODABASI, M. Determination of Henry's law constants of organochlorine pesticides in deionized and saline water as a function of temperature. *Atmospheric Environment*, 40(24), 4538-4546, 2006. [Aldrin; dieldrin; endrin; DDTs; chlorpyrifos; chlordane; HCHs; endosulfan; heptachlor; heptachlor epoxide]
- (4178) CHEN, H.-Y.; FANG, T.-H.; PRESTON, M.R.; LIN, S. Characterization of phosphorus in the aerosol of a coastal atmosphere: using a sequential extraction method. *Atmospheric Environment*, 40(20), 279-289, 2006.
- (4179) CHUANLAI, X.; CIFANG, P.; KAI, H.; ZHENGYU, J.; WUKANG, W. Chemiluminescence enzyme immunoassay (CLEIA) for the determination of chloramphenicol residues in aquatic tissues. *Luminescence*, 21(2), 126-128, 2006.
- (4180) COELHAN, M.; STROHMEIER, J.; BARLAS, H. Organochlorine levels in edible fish from the Marmara Sea, Turkey. *Environment International*, 32(6), 775-780, 2006. [PCBs; DDTs; HCB; HCHs; toxaphene; chlordanes]

- (4181) DUMBAULD, B.R.; BOOTH, S.; CHENEY, D.; SUHRBIER, A.; BELTRAN, H. An integrated pest management program for burrowing shrimp control in oyster aquaculture. *Aquaculture*, 261(3), 976-992, 2006. [Carbaryl]
- (4182) DYER, R.A.; TOLHURST, L.E.; HILTON, M.J.; THOMAS, K.V. Bioaccumulation of the antifouling paint booster biocide Irgarol 1051 by the green alga *Tetraselmis suecica*. *Bulletin of Environmental Contamination and Toxicology*, 77(4), 524-532, 2006.
- (4183) EDEN, C.; OSCHLIES, A. Adiabatic reduction of circulation-related CO₂ air-sea flux biases in a North Atlantic carbon-cycle model. *Global Biogeochemical Cycles*, 20(2), GB2008, 2006.
- (4184) EKER-DEVELI, E.; KIDEYS, A.E.; TUGRUL, S. Effect of nutrients on culture dynamics of marine phytoplankton. *Aquatic Sciences*, 68(1), 28-39, 2006.
- (4185) ELLIOTT, J.E. Chlorinated hydrocarbon contaminants and stable isotope ratios in pelagic seabirds from the North Pacific Ocean. *Archives of Environmental Contamination and Toxicology*, 49(1), 89-96, 2005. [PCBs; pesticides; HCB; nonachlor; mirex; HCH; heptachlor epoxide; DDT; oxychlorodane]
- (4186) FANG, G.-C.; WU, Y.-S.; CHEN, J.-C.; RAU, J.-Y.; HUANG, S.-H.; LIN, C.-K. Concentrations of ambient air particulates (TSP, PM_{2.5}) and PM_{2.5-10}) and ionic species at offshore areas near Taiwan Strait. *Journal of Hazardous Materials*, 132(2/3), 269-276, 2006.
- (4187) FINKELSTEIN, M.; KEITT, B.S.; CROLL, D.A.; TERSHY, B.; JARMAN, W.M.; RODRIGUEZ-PASTOR, S.; ANDERSON, D.J.; SIEVERT, P.R.; SMITH, D.R. Albatross species demonstrate regional differences in North Pacific marine contamination. *Ecological Applications*, 16(2), 678-686, 2006. [Hg; DDTs; PCBs]
- (4188) FLEMING, L.E.; BROAD, K.; CLEMENT, A.; DEWAILLY, E.; ELMIR, S.; KNAP, A.; POMPONI, S.A.; SMITH, S.; SOLO GABRIELE, H.; WALSH, P. Oceans and human health: emerging public health risks in the marine environment. *Marine Pollution Bulletin*, 53(10-12), 545-560, 2006.
- (4189) GALLOWAY, T.S. Biomarkers in environmental and human health risk assessment. *Marine Pollution Bulletin*, 53(10-12), 606-613, 2006. [PAH; organophosphorous pesticides; TBT]
- (4190) GAMA, A.C.; SANATCUMAR, P.; VIANA, P.; BARCELO, D.; BORDADO, J.C. The occurrence of polybrominated diphenyl ethers in river and coastal biota from Portugal. *Chemosphere*, 64(2), 306-310, 2006. [14 PBDEs]
- (4191) GHEKIERE, A.; FOCKEDEY, N.; VERSLYCKE, T.; VINCX, M.; JANSSEN, C.R. Marsupial development in the mysid *Neomysis integer* (Crustacea: Mysidacea) to evaluate the effects of endocrine-disrupting chemicals. *Ecotoxicology and Environmental Safety*, 66(1), 9-15, 2007. [Methoprene]
- (4192) GILES, H.; PILDITCH, C.A.; BELL, D.G. Sedimentation from mussel (*Perna canaliculus*) culture in the Firth of Thames, New Zealand: impacts on sediment oxygen and nutrient fluxes. *Aquaculture*, 261(1), 125-140, 2006. [Nutrients; organic matter; faecal pellets]
- (4193) GRACA, B.; WITEK, Z.; BURSKA, D.; BIALKOWSKA, I.; LUKAWSKA-MATUSZEWSKA, K.; BOLALEK, J. Pore water phosphate and ammonia below the permanent halocline in the south-eastern Baltic Sea and their benthic fluxes under anoxic conditions. *Journal of Marine Systems*, 63(3/4), 141-154, 2006. [Nutrients]
- (4194) HAGLER, G.S.W. Source areas and chemical composition of fine particulate matter in the Pearl River Delta region of China. *Atmospheric Environment*, 40(20), 3802-3815, 2006.

- (4195) HECK, K.L., JR.; VALENTINE, J.F.; PENNOCK, J.R.; CHAPLIN, G.; SPITZER, P.M. Effects of nutrient enrichment and grazing on shoalgrass *Halodule wrightii* and its epiphytes: results of a field experiment. *Marine Ecology Progress Series*, 326, 145-156, 2006.
- (4196) HIRADA, H.; NAKAJIMA, K.; SAKAUE, K.; MATSUDA, Y. CO₂ sensing at ocean surface mediated by cAMP in a marine diatom. *Plant Physiology*, 142(3), 1318-1328, 2006.
- (4197) HOFMANN, J.; BEHRENDT, H.; GILBERT, A.; JANSSEN, R.; KANNEN, A.; KAPPENBERG, J.; LENHART, H.; LISE, W.; NUNNERI, C.; WINDHORST, W. Catchment-coastal zone interaction based upon scenario and model analysis: Elbe and the German Bight case study. *Regional Environmental Change*, 5(2/3), 54-81, 2005. [Eutrophication; nutrients]
- (4198) HORIGUCHI, F.; NAKATA, K.; ITO, N.; OKAWA, K. Risk assessment of TBT in the Japanese short-neck clam (*Ruditapes philippinarum*) of Tokyo Bay using a chemical fate model. *Estuarine, Coastal and Shelf Science*, 70(4), 589-598, 2006.
- (4199) HUNG, C.L.H.; XU, Y.; LAM, J.C.W.; JEFFERSON, T.A.; HUNG, S.K.; YEUNG, L.W.Y.; LAM, M.H.W.; O'TOOLE, D.K.; LAM, P.K.S. An assessment of the risks associated with polychlorinated biphenyls found in the stomach contents of stranded Indo-Pacific humpback dolphins (*Sousa chinensis*) and finless porpoises (*Neophocaena phocaenoides*) from Hong Kong waters. *Chemosphere*, 63(5), 845-852, 2006. [PCBs]
- (4200) HYLLAND, K. Biological effects in the management of chemicals in the marine environment. *Marine Pollution Bulletin*, 53(10-12), 614-619, 2006.
- (4201) INOUE, S.; ABE, S.-I.; OSHIMA, Y.; KAI, N.; HONJO, T. Tributyltin contamination of bivalves in coastal areas around northern Kyushu, Japan. *Environmental Toxicology*, 21(3), 244-249, 2006. [TBT]
- (4202) JIN, D.; HOAGLAND, P.; SOLOW, A. The economic value of environmental research in understanding the relative contributions of sources of nutrients to coastal waters. *Natural Resource Modeling*, 19(2), 201-220, 2006.
- (4203) JOHANSSON, I.; HEAS-MOISAN, K.; GUIOT, N.; MUNSCHY, C.; TRONCZYNSKI, J. Polybrominated diphenyl ethers (PBDEs) in mussels from selected French coastal sites: 1981-2003. *Chemosphere*, 64(2), 296-305, 2006.
- (4204) KAJIWARA, N., (ET AL). Geographical distribution of polybrominated diphenyl ethers (PBDEs) and organochlorines in small cetaceans from Asian waters. *Chemosphere*, 64(2), 287-295, 2006. [DDTs; PCBs; flame retardants]
- (4205) KARAGEORGIS, A.P., (ET AL). An integrated approach to watershed management within the SPSIR framework; Azios River catchment and Thermaikos Gulf. *Regional Environmental Change*, 5(2/3), 138-160, 2005. [Eutrophication; hypoxia; nutrients; HAB]
- (4206) KARJALAINEN, A.; PAAKKONEN, J.-P.J.; KARJALAINEN, J. Tissue-specific and whole-fish accumulation of polychlorinated biphenyls by juvenile Baltic salmon (*Salmo salar* L.) after oral gavage exposure. *Boreal Environment Research*, 11(6), 421-430, 2006. [PCB-18; PCB-44; PCB-137; PCB-169]
- (4207) KOBAYASHI, N.; ERIGUCHI, T.; NAKATA, K.; MASUNGA, S.; HORIGUCHI, F.; NAKANISHI, J. Application of a 3-D chemical fate prediction model (FATE3D) to predict dioxin concentrations in the Tokyo Bay. *Estuarine, Coastal and Shelf Science*, 70(4), 621-632, 2006. [PCDD; PCDF; PCB]

- (4208) KUCUKSEZGIN, F.; KONTAS, A.; ALTAY, O.; ULUTURHAN, E.; DARILMAZ, E. Assessment of marine pollution in Izmir Bay: nutrient, heavy metal and total hydrocarbon concentrations. *Environment International*, 32(1), 41-51, 2006. [Cd; Cr; Hg; Pb; petroleum hydrocarbons]
- (4209) KUNISUE, T.; NAKANISHI, S.; OKA, N.; SATO, F.; TSURUMI, M.; TANABE, S. Dioxins and related compounds in albatrosses from the Torishima Island, Japan: accumulation features by growth stage and toxicological implications. *Environmental Science and Technology*, 40(22), 6919-6927, 2006. [PCDDs; PCDFs; PCBs]
- (4210) KUUPPO, P.; TAMMINEN, T.; VOSS, M.; SCHULTE, U. Nitrogenous discharges to the eastern Gulf of Finland, the Baltic Sea: elemental flows, stable isotope signatures, and their estuarine modification. *Journal of Marine Systems*, 63(3/4), 191-208, 2006. [Eutrophication; nutrients]
- (4211) LAW, R.J.; ALLCHIN, C.R.; DE BOER, J.; COVACI, A.; HERZKE, D.; LEPOM, P.; MORRIS, S.; TRONCZYNSKI, J.; DE WIT, C.A. Levels and trends of brominated flame retardants in the European environment. *Chemosphere*, 64(2), 187-208, 2006. [BDEs; HBCD; tetrabromobisphenol-A]
- (4212) LITTLE, A.E.; MOORE, J.J.; DYRYNDA, P.E.J. Ecological impacts of shoreline clean-up during the Sea Empress oil spill. *CCW Sea Empress Contract Report*, (714), v, 131p., 2006.
- (4213) MACREADIE, P.I.; ROSS, D.J.; LONGMORE, A.R.; KEOUGH, M.J. Denitrification measurements of sediments using cores and chambers. *Marine Ecology Progress Series*, 326, 49-59, 2006. [Nutrients]
- (4214) MARSHALONIS, D.; KNOWLTON, R.E.; MERCHANT, H. Acute toxicity of permethrin to four populations of ovigerous grass shrimp, *Palaemonetes pugio* Holthuis. *Bulletin of Environmental Contamination and Toxicology*, 77(4), 543-550, 2006.
- (4215) MARTINEZ-CREGO, B.; ROMERO, J.; ALCOVERRO, T. The use of surface alkaline phosphatase activity in the seagrass *Posidonia oceanica* as a biomarker of eutrophication. *Marine Ecology*, 27(4), 381-387, 2006. [Nutrient enrichment; fertilizer; Osmocote]
- (4216) MARTYNIUK, C.J.; GALLANT, N.S.; MARLATT, V.L.; WIENS, S.C.; WOODHOUSE, A.J.; TRUDEAU, V.L. Current perspectives on 17 beta-estradiol (E2) action and nuclear estrogen receptors (ER) in teleost fish. In: Reinecke, M.; Zacccone, G.; Kapoor, B.G., (editors). *Fish endocrinology*. p.625-663. Enfield, New Hampshire: Science Publishers, 2006. [Endocrine disruption; xenoestrogens]
- (4217) MASO, M.; GARCES, E. Harmful microalgae blooms (HAB); problematic and conditions that induce them. *Marine Pollution Bulletin*, 53(10-12), 620-630, 2006. [Nutrients]
- (4218) MCCREADY, S.; BIRCH, G.F.; LONG, E.R.; SPYRAKIS, G.; GREELY, C.R. Predictive abilities of numerical sediment quality guidelines in Sydney Harbour, Australia, and vicinity. *Environment International*, 32(5), 638-649, 2006. [PAHs; PCBs; Cu; Hg; Pb; Zn; benzo(a)pyrene; pyrene; DDT; chlordane]
- (4219) MIHAILOVIC, M., (ET AL). CYP1A expression in *Mullus barbatus* and *Merluccius merluccius* from the Adriatic Sea in Serbia and Montenegro. *Bulletin of Environmental Contamination and Toxicology*, 77(4), 559-565, 2006. [PAH; PCB]
- (4220) MIKALOFF FLETCHER, S.E., (ET AL). Inverse estimates of anthropogenic CO₂ uptake, transport, and storage by the ocean. *Global Biogeochemical Cycles*, 20(2), GB2002, 2006.

- (4221) NIZZOLI, D.; BARTOLI, M.; VIAROLI, P. Nitrogen and phosphorous budgets during a farming cycle of the Manila clam *Ruditapes philippinarum*: an in situ experiment. *Aquaculture*, 261(1), 98-108, 2006. [Nutrient loads]
- (4222) NOPPE, H.; VERSLYCKE, T.; DE WULF, E.; VERHEYDEN, K.; MONTEYNE, E.; VAN CAETER, P.; JANSSEN, C.R.; DE BRABANDER, H.F. Occurrence of estrogens in the Scheldt estuary: a 2-year survey. *Ecotoxicology and Environmental Safety*, 66(1), 1-8, 2007. [Estradiol; estrone (E1); estriol (E3); ethinylestradiol (EE2)]
- (4223) PETRI, D.; GLOVER, C.N.; YLVING, S.; KOLAS, K.; FREMMERSVIK, G.; WAAGBO, R.; BERNTSSEN, M.H.G. Sensitivity of Atlantic salmon (*Salmo salar*) to dietary endosulfan as assessed by haematology, blood biochemistry, and growth parameters. *Aquatic Toxicology*, 80(1), 207-216, 2006.
- (4224) PIRRONE, N.; TROMBINO, G.; CINNIRELLA, S.; ALGIERI, A.; BENDORICCHIO, G.; PALMERI, L. The Driver-Pressure-State-Impact-Response (DPSIR) approach for integrated catchment-coastal zone management: preliminary application to the Po catchment-Adriatic Sea coastal zone system. *Regional Environmental Change*, 5(2/3), 111-137, 2005. [Nutrient load; eutrophication; fertilizers; manure spreading]
- (4225) POMEROY, L.R.; D'ELIA, C.F.; SCHAFFNER, L.C. Limits to top-down control of phytoplankton by oysters in Chesapeake Bay. *Marine Ecology Progress Series*, 325, 301-309, 2006. [Eutrophication; hypoxia; nutrient loading]
- (4226) PORTE, C.; JANER, G.; LORUSSO, L.C.; ORTIZ-ZARRAGOITIA, M.; CAJARAVILLE, M.P.; FOSSI, M.C.; CANESI, L. Endocrine disruptors in marine organisms: approaches and perspectives. *Comparative Biochemistry and Physiology C*, 143(3), 303-315, 2006. [Biomarkers; endocrine disruption; vitellogenin; CYP1A]
- (4227) REDDY-LOPATA, K.; AUERSWALD, L.; COOK, P. Ammonia toxicity and its effect on the growth of the South African abalone *Haliotis midae* Linnaeus. *Aquaculture*, 261(2), 678-687, 2006.
- (4228) ROTLLANT, G.; ABAD, E.; SARDA, F.; ABALOS, M.; COMPANY, J.B.; RIVERA, J. Dioxin compounds in the deep-sea rose shrimp *Aristeus antennatus* (Risso, 1816) throughout the Mediterranean Sea. *Deep-Sea Research I*, 53(12), 1895-1906, 2006. [PCDDs; PCDFs]
- (4229) SAHU, L.K.; LAL, S.; VENKATARAMANI, S. Distributions of O₃, CO and hydrocarbons over the Bay of Bengal: a study to assess the role of transport from southern India and marine regions during September-October 2002. *Atmospheric Environment*, 40(24), 4633-4645, 2006.
- (4230) SANCHEZ-MOYANO, J.E.; FA, D.A.; ESTACIO, F.J.; GARCIA-GOMEZ, J.C. Monitoring of marine benthic communities and taxonomic resolution: an approach through diverse habitats and substrates along the Southern Iberian coastline. *Helgoland Marine Research*, 60(4), 243-255, 2006.
- (4231) SCHAEFFER, M.; EICKHOUT, B.; HOOGWIJK, M.; STRENGERS, B.; VAN VUUREN, D.; LEEMANS, R.; OPSTEEGH, T. CO₂ and albedo climate impacts of extratropical carbon and biomass plantations. *Global Biogeochemical Cycles*, 20(2), GB2020, 2006.
- (4232) SCHROPE, M. The dead zones. *New Scientist*, 192(2581), 38-42, 2006. [Hypoxia; nutrients]
- (4233) SEGNER, H.; EPPLER, E.; REINECKE, M. The impact of environmental hormonally active substances on the endocrine and immune systems of fish. In: Reinecke, M.; Zaccane, G.; Kapoor, B.G., (editors). *Fish endocrinology*. p.809-865. Enfield, New Hampshire: Science Publishers, 2006. [Endocrine disruption; xenoestrogens]

- (4234) SEO, J.S.; LEE, K.-W.; RHEE, J.-S.; HWANG, D.-S.; LEE, Y.-M.; PARK, H.G.; AHN, I.-Y.; LEE, J.-S. Environmental stressors (salinity, heavy metals, H₂O₂) modulate expression of glutathione reductase (GR) gene from the intertidal copepod *Tigriopus japonicus*. *Aquatic Toxicology*, 80(1), 281-289, 2006. [Cu; Mn; hydrogen peroxide]
- (4235) SHORT, F.T.; KOCH, E.W.; CREED, J.C.; MAGALHAES, K.M.; FERNANDEZ, E.; GAECKLE, J.L. SeagrassNet monitoring across the Americas: case studies of seagrass decline. *Marine Ecology*, 27(4), 277-289, 2006. [Climate change; eutrophication]
- (4236) SHRIADAH, M.A. Nutrient salts in the United Arab Emirates waters (the Arabian Gulf and the Gulf of Oman). *Pakistan Journal of Marine Sciences*, 15(1), 1-9, 2006.
- (4237) SUN, F.; WONG, S.-S.; LI, G.-C.; CHEN, S.-N. Survey of pesticides residues in fisheries products and assessment of consumer's exposure. *Journal of the Fisheries Society of Taiwan*, 32(1), p.33, 2005. [Dieldrin; DDTs; endrin; endosulfan; chlorpyrifos; fenitrothion; organochlorines; organophosphates]
- (4238) TELES, M.; PACHECO, M.; SANTOS, M.A. Biotransformation, stress and genotoxic effects of 17 beta - estradiol in juvenile sea bass (*Dicentrarchus labrax* L.). *Environmental International*, 32(4), 470-477, 2006. [E2]
- (4239) TUBBS, L.A.; TINGLE, M.D. Effect of dose escalation on multiple dose pharmacokinetics of orally administered praziquantel in kingfish *Seriola lalandi*. *Aquaculture*, 261(4), 1168-1174, 2006.
- (4240) VIJAYAN, M.M.; ALURU, N.; MAULE, A.G.; JOERGENSEN, E.H. Fasting augments PCB impact on liver metabolism in anadromous Arctic char. *Toxicological Sciences*, 91(2), 431-439, 2006.
- (4241) WEBSTER, L.; PHILLIPS, L.; RUSSELL, M.; DALGARN, E.; MOFFAT, C. Organic contaminants in the Firth of Clyde following the cessation of sewage sludge dumping. *Journal of Environmental Monitoring*, 7(12), 1378-1387, 2005. [PAHs; chlorobiphenyls]
- (4242) YANG, J.; MIYAZAKI, N. Transplacental transfer of butyltins to fetus of Dall's porpoises (*Phocoenoides dalli*). *Chemosphere*, 63(5), 716-721, 2006. [Monobutyltin; dibutyltin; TBT]
- (4243) YANG, J.; MIYAZAKI, N.; KUNITO, T.; TANABE, S. Trace elements and butyltins in a Dall's porpoise (*Phocoenoides dalli*) from the Sanriku coast of Japan. *Chemosphere*, 63(3), 449-457, 2006. [Hg; Cr; Mn; Co; Cu; Zn; Sr; Ag; Cd; V; Se; Pb; Mo; Fe; TBT; dibutyltin; monobutyltin]
- (4244) ZANETTE, J.; MONSERRAT, J.M.; BIANCHINI, A. Biochemical biomarkers in gills of mangrove oyster *Crassostrea rhizophorae* from three Brazilian estuaries. *Comparative Biochemistry and Physiology C*, 143(2), 187-195, 2006. [CAT; GST; TOSC; metallothionein; lipid peroxides]
- (4245) ZHAO, X.; ZHENG, M.; LIANG, L.; ZHANG, Q.; WANG, Y.; JIANG, G. Assessment of PCBs and PCDD/Fs along the Chinese Bohai Sea coastline using mollusks as bioindicators. *Archives of Environmental Contamination and Toxicology*, 49(2), 178-185, 2005.

Section 6: Biological Wastes

- (4246) ALGESTEN, G., (ET AL). Organic carbon budget for the Gulf of Bothnia. *Journal of Marine Systems*, 63(3/4), 155-161, 2006.
- (4247) ELLIOTT, J.K.; SPEAR, E.; WYLLIE-ECHEVERRIA, S. Mats of *Beggiatoa* bacteria reveal that organic pollution from lumber mills inhibits growth of *Zostera marina*. *Marine Ecology*, 27(4), 372-380, 2006. [Hydrogen sulphide]
- (4248) FLEMING, L.E.; BROAD, K.; CLEMENT, A.; DEWAILLY, E.; ELMIR, S.; KNAP, A.; POMPONI, S.A.; SMITH, S.; SOLO GABRIELE, H.; WALSH, P. Oceans and human health: emerging public health risks in the marine environment. *Marine Pollution Bulletin*, 53(10-12), 545-560, 2006.
- (4249) GENTILE, G.; GIULIANO, L.; D'AURIA, G.; SMEDILE, F.; AZZARO, M.; DE DOMENICO, M.; YAKIMOV, M.M. Study of bacterial communities in Antarctic coastal waters by a combination of 16S rRNA and 16S rDNA sequencing. *Environmental Microbiology*, 8(12), 2150-2161, 2006. [Sewage]
- (4250) GILES, H.; PILDITCH, C.A.; BELL, D.G. Sedimentation from mussel (*Perna canaliculus*) culture in the Firth of Thames, New Zealand: impacts on sediment oxygen and nutrient fluxes. *Aquaculture*, 261(1), 125-140, 2006. [Nutrients; organic matter; faecal pellets]
- (4251) HALL-SPENCER, J.; WHITE, N.; GILLESPIE, E.; GILLHAM, K.; FOGGO, A. Impact of fish farms on maerl beds in strongly tidal areas. *Marine Ecology Progress Series*, 326, 1-9, 2006. [Shetland; Orkney; South Uist; organic enrichment; particulate matter]
- (4252) KIRBY-SMITH, W.W.; WHITE, N.M. Bacterial contamination associated with estuarine shoreline development. *Journal of Applied Microbiology*, 100(4), 648-657, 2006. [Faecal coliforms; shellfish]
- (4253) MOORE, D.F.; ZHOWANDAI, M.H.; FERGUSON, D.M.; MCGEE, C.; MOTT, J.B.; STEWART, J.C. Comparison of 16S rDNA sequencing with conventional and commercial phenotypic techniques for identification of enterococci from the marine environment. *Journal of Applied Microbiology*, 100(6), 1272-1281, 2006.
- (4254) NIZZOLI, D.; BARTOLI, M.; VIAROLI, P. Nitrogen and phosphorous budgets during a farming cycle of the Manila clam *Ruditapes philippinarum*: an in situ experiment. *Aquaculture*, 261(1), 98-108, 2006. [Nutrient loads]
- (4255) PERGENT-MARTINI, C.; BOUDOURESQUE, C.-F.; PASQUALINI, V.; PERGENT, G. Impact of fish farming facilities on *Posidonia oceanica* meadows: a review. *Marine Ecology*, 27(4), 310-319, 2006. [Organic enrichment; turbidity; nutrients]
- (4256) PIRRONE, N.; TROMBINO, G.; CINNIRELLA, S.; ALGIERI, A.; BENDORICCHIO, G.; PALMERI, L. The Driver-Pressure-State-Impact-Response (DPSIR) approach for integrated catchment-coastal zone management: preliminary application to the Po catchment-Adriatic Sea coastal zone system. *Regional Environmental Change*, 5(2/3), 111-137, 2005. [Nutrient load; eutrophication; fertilizers; manure spreading]
- (4257) RODAS-SUAREZ, O.R.; FLORES-PEDROCHE, J.F.; BETANCOURT-RULE, J.M.; QUINONES-RAMIREZ, E.I.; VAZQUEZ-SALINAS, C. Occurrence and antibiotic sensitivity of *Listeria monocytogenes* strains isolated from oysters, fish, and estuarine water. *Applied and Environmental Microbiology*, 72(11), 7410-7412, 2006.
- (4258) SANCHEZ-MOYANO, J.E.; FA, D.A.; ESTACIO, F.J.; GARCIA-GOMEZ, J.C. Monitoring of marine benthic communities and taxonomic resolution: an approach through diverse habitats and substrates along the Southern Iberian coastline. *Helgoland Marine Research*, 60(4), 243-255, 2006.

(4259) SANZ-LAZARO, C.; MARIN, A. Benthic recovery during open sea fish farming abatement in Western Mediterranean, Spain. *Marine Environmental Research*, 62(5), 374-387, 2006. [Organic enrichment; eutrophication]

(4260) TELES, M.; PACHECO, M.; SANTOS, M.A. Biotransformation, stress and genotoxic effects of 17 beta - estradiol in juvenile sea bass (*Dicentrarchus labrax* L.). *Environmental International*, 32(4), 470-477, 2006. [E2]

Section 7: Heat

(4261) CAMACHO, J.; QADRI, S.A.; WANG, H.; WORDEN, M.K. Temperature acclimation alters cardiac performance in the lobster *Homarus americanus*. *Journal of Comparative Physiology A*, 192(12), 1327-1334, 2006.

(4262) MARTIN, J.; PLANQUE, B. Variability in the onset of hatching of *Maja brachydactyla* Balss, 1922 (Brachyura: Majidae) in the English Channel in relation to sea temperature. *Invertebrate Reproduction and Development*, 49(3), 143-150, 2006. [Sampling sites along French coast; Flamanville nuclear power station]

(4263) RODOLFO-METALPA, R.; RICHARD, C.; ALLEMAND, D.; FERRIER-PAGES, C. Growth and photosynthesis of two Mediterranean corals, *Cladocora caespitosa* and *Oculina patagonica*, under normal and elevated temperatures. *Journal of Experimental Biology*, 209(22), 4546-4556, 2006.

(4264) SUH, S.-W. A hybrid approach to particle tracking and Eulerian-Lagrangian models in the simulation of coastal dispersion. *Environmental Modelling and Software*, 21(2), 234-242, 2006.

Section 8: Solids

- (4265) ARDIZZONE, G.; BELLUSCIO, A.; MAIORANO, L. Long-term change in the structure of a *Posidonia oceanica* landscape and its reference for a monitoring plan. *Marine Ecology*, 27(4), 299-309, 2006. [Eutrophication; turbidity; suspended sediment; anchor damage; dredging]
- (4266) AUBIN, J.; PAPATRYPHON, E.; VAN DER WERF, H.M.G.; PETIT, J.; MORVAN, Y.M. Characterisation of the environmental impact of a turbot (*Scophthalmus maximus*) re-circulating production system using Life Cycle Assessment. *Aquaculture*, 261(4), 1259-1268, 2006. [Jaudy river estuary; eutrophication; nutrients]
- (4267) BHARATHI, P.A.L., (ET AL). Impacts on surface productivity during sediment dispersal experiment in central Indian Basin. *Marine Georesources and Geotechnology*, 23(4), 315-330, 2005. [Mineral mining]
- (4268) HALL-SPENCER, J.; WHITE, N.; GILLESPIE, E.; GILLHAM, K.; FOGGO, A. Impact of fish farms on maerl beds in strongly tidal areas. *Marine Ecology Progress Series*, 326, 1-9, 2006. [Shetland; Orkney; South Uist; organic enrichment; particulate matter]
- (4269) HANNAH, C.G.; DROZDOWSKI, A.; LODER, J.; MUSCHENHEIM, K.; MILLIGAN, T. An assessment model for the fate and environmental effects of offshore drilling mud discharges. *Estuarine, Coastal and Shelf Science*, 70(4), 577-588, 2006. [Barite suspension]
- (4270) HENRICSON, C.; SANDBERG-KILPI, E.; MUNSTERHJELM, R. Experimental studies on the impact of turbulence, turbidity and sedimentation on *Chara tomentosa* L. *Cryptogamie Algologie*, 27(4), 419-434, 2006.
- (4271) MCGREAL, E. *Remora Remora remora* (L.) associated with stranded leatherback turtle *Dermochelys coriacea* (L.) in Clew Bay, Co Mayo. *Irish Naturalists' Journal*, 28(7), p.306, 2006. [Entangled with lobster pot ropes]
- (4272) NORCROSS-NU'U, Z.; BROWN, D.; KNOWLTON, C.; COLVIN, M. Marine monitoring for small-scale beach replenishment at Maalaea, Maui, Hawaii. *Shore and Beach*, 74(1), 32-41, 2006.
- (4273) PERGENT-MARTINI, C.; BOUDOURESQUE, C.-F.; PASQUALINI, V.; PERGENT, G. Impact of fish farming facilities on *Posidonia oceanica* meadows: a review. *Marine Ecology*, 27(4), 310-319, 2006. [Organic enrichment; turbidity; nutrients]
- (4274) SANCHEZ-MOYANO, J.E.; FA, D.A.; ESTACIO, F.J.; GARCIA-GOMEZ, J.C. Monitoring of marine benthic communities and taxonomic resolution: an approach through diverse habitats and substrates along the Southern Iberian coastline. *Helgoland Marine Research*, 60(4), 243-255, 2006.
- (4275) SUH, S.-W. A hybrid approach to particle tracking and Eulerian-Lagrangian models in the simulation of coastal dispersion. *Environmental Modelling and Software*, 21(2), 234-242, 2006.
- (4276) VALSANGKAR, A.B. First phase monitoring studies of simulated benthic disturbance delineating movement of fine particles in the Central Indian Basin. *Marine Georesources and Geotechnology*, 23(4), 357-371, 2005. [Deep-sea polymetallic nodule mining]
- (4277) WU, J.; LIU, J.T.; SHEN, H.; ZHANG, S. Dispersion of disposed dredged slurry in the meso-tidal Changjiang (Yangtze River) Estuary. *Estuarine, Coastal and Shelf Science*, 70(4), 663-672, 2006.

Section 9: Physical Disturbance

- (4278) ARDIZZONE, G.; BELLUSCIO, A.; MAIORANO, L. Long-term change in the structure of a *Posidonia oceanica* landscape and its reference for a monitoring plan. *Marine Ecology*, 27(4), 299-309, 2006. [Eutrophication; turbidity; suspended sediment; anchor damage; dredging]
- (4279) BHARATHI, P.A.L., (ET AL). Impacts on surface productivity during sediment dispersal experiment in central Indian Basin. *Marine Georesources and Geotechnology*, 23(4), 315-330, 2005. [Mineral mining]
- (4280) DYE, A.H. Persistent effects of physical disturbance on meiobenthos in mangrove sediments. *Marine Environmental Research*, 62(5), 341-355, 2006.
- (4281) HAYWOOD, M., (ET AL). Quantifying the effects of trawling on seabed fauna in the Northwestern Prawn Fishery. 488p. Cleveland, Queensland (Australia): CSIRO, 2005.
- (4282) HENRICSON, C.; SANDBERG-KILPI, E.; MUNSTERHJELM, R. Experimental studies on the impact of turbulence, turbidity and sedimentation on *Chara tomentosa* L. *Cryptogamie Algologie*, 27(4), 419-434, 2006.
- (4283) HODGSON, A.J.; MARSH, H. Response of dugongs to boat traffic: the risk of disturbance and displacement. *Journal of Experimental Marine Biology and Ecology*, 340(1), 50-61, 2007.
- (4284) KASTELEIN, R.A.; VAN DER HEUL, S.; TERHUNE, J.M.; VERBOOM, W.C.; TRIESSCHEIJN, R.J.V. Deterring effects of 8-45 kHz tone pulses on harbour seals (*Phoca vitulina*) in a large pool. *Marine Environmental Research*, 62(5), 356-373, 2006.
- (4285) KELLEY, K.M.; PRICE, T.D.; GALIMA, M.M.; SAK, K.; REYES, J.A.; ZEPEDA, O.; HAGSTROM, R.; TRUONG, T.A.; LOWE, C.G. Insulin-like growth factor-binding proteins (IGFBPs) in fish: beacons for (disrupted) growth endocrine physiology. In: Reinecke, M.; Zaccane, G.; Kapoor, B.G., (editors). *Fish endocrinology*. Volume 1. p.167-195. Enfield, New Hampshire: Science Publishers, 2006.
- (4286) LITTLE, A.E.; MOORE, J.J.; DYRYNDA, P.E.J. Ecological impacts of shoreline clean-up during the Sea Empress oil spill. *CCW Sea Empress Contract Report*, (714), v, 131p., 2006.
- (4287) MARTIN, K.; SPEER-BLANK, T.; POMMERENING, R.; FLANNERY, J.; CARPENTER, K. Does beach grooming harm grunion eggs? *Shore and Beach*, 74(1), 17-22, 2006.
- (4288) RAGHUKUMAR, C.; NATH, B.N.; SHARMA, R.; BHARATHI, P.A.L.; DALAL, S.G. Long-term changes in microbial and biochemical parameters in the Central Indian Basin. *Deep-Sea Research I*, 53(10), 1695-1717, 2006. [Benthic disturbance]
- (4289) REED, B.J.; HOVEL, K.A. Seagrass habitat disturbance: how loss and fragmentation of eelgrass *Zostera marina* influences epifaunal abundance and diversity. *Marine Ecology Progress Series*, 326, 133-143, 2006.
- (4290) SIMMONDS, J.; MACLENNAN, D. *Fisheries acoustics. Theory and practice*. Second edition. xvii, 437p. Oxford: Blackwell Science, 2005. [Including environmental impact; anthropogenic noise]
- (4291) VALSANGKAR, A.B. First phase monitoring studies of simulated benthic disturbance delineating movement of fine particles in the Central Indian Basin. *Marine Georesources and Geotechnology*, 23(4), 357-371, 2005. [Deep-sea polymetallic nodule mining]

(4292) VERGNON, R.; BLANCHARD, F. Evaluation of trawling disturbance on macrobenthic invertebrate communities in the Bay of Biscay, France: abundance biomass comparison (ABC method). Aquatic Living Resources, 19(3), 219-228, 2006.

(4293) YAN, H.Y.; LIN, S.-H. Analyses of characteristics of underwater noise generated by aerators and its possible physiological impacts on fish. Journal of the Fisheries Society of Taiwan, 32(1), p.6, 2005.

(4294) ZUPO, V.; BUIA, M.C.; GAMBI, M.C.; LORENTI, M.; PROCACCINI, G. Temporal variations in the spatial distribution of shoot density in a Posidonia oceanica meadow and patterns of genetic diversity. Marine Ecology, 27(4), 328-338, 2006. [Pleasure boat anchoring]

Section 10: Non-indigenous species

- (4295) ANGER, K. Contributions of larval biology to crustacean research: a review. *Invertebrate Reproduction and Development*, 49(3), 175-205, 2006.
- (4296) BAILEY, S.A.; NANDAKUMAR, K.; MACISAAC, H.J. Does saltwater flushing reduce viability of diapausing eggs in ship ballast sediment? *Diversity and Distributions*, 12(3), 328-335, 2006.
- (4297) BERNIER, R.; LOCKE, A. New record of *Penilia avirostris* Dana, 1849 (Cladocera) in the Gulf of St. Lawrence. *Crustaceana*, 79(8), 949-959, 2006.
- (4298) BISHOP, M.J.; CARNEGIE, R.B.; STOKES, N.A.; PETERSON, C.H.; BURRESON, E.M. Complications of a non-native oyster introduction: facilitation of a local parasite. *Marine Ecology Progress Series*, 325, 145-152, 2006. [Ballast water; *Crassostrea ariakensis*; *Bonamia* sp.]
- (4299) CHAPMAN, D.; RANELLETTI, M.; KAUSHIK, S. Invasive marine algae: an ecological perspective. *Botanical Review*, 72(2), 153-178, 2006.
- (4300) CROCETTA, F. First record of *Portunus pelagicus* (Linnaeus, 1758) (Decapoda, Brachyura, Portunidae) in the northern Tyrrhenian Sea. *Crustaceana*, 79(9), 1145-1148, 2006.
- (4301) CZERNIEJEWSKI, P.; WAWRZYNIAK, W. Seasonal changes in the population structure of the Chinese mitten crab, *Eriocheir sinensis* (H. Milne Edwards) in the Odra/Oder estuary. *Crustaceana*, 79(10), 1167-1179, 2006.
- (4302) FRESARD, M.; BONCOEUR, J. Costs and benefits of stock enhancement and biological invasion control: the case of the Bay of Brest scallop fishery. *Aquatic Living Resources*, 19(3), 299-305, 2006. [*Crepidula fornicata*; HAB]
- (4303) GONLUGUR-DEMIRCI, G. Crustacea fauna of the Turkish Black Sea coasts: a checklist. *Crustaceana*, 79(9), 1129-1139, 2006.
- (4304) HAMMER, M.P. Range extensions for four estuarine gobies (Pisces: Gobiidae) in southern Australia: historically overlooked native taxa or recent arrivals? *Transactions of the Royal Society of South Australia*, 130(2), 187-196, 2006.
- (4305) LAING, I.; WALKER, P.; AREAL, F. Return of the native - is European oyster (*Ostrea edulis*) stock restoration in the UK feasible? *Aquatic Living Resources*, 19(3), 283-287, 2006. [Review]
- (4306) MINCHIN, D. First Irish record of the Chinese mitten crab *Eriocheir sinensis* (Milne-Edwards, 1854) (Decapoda: Crustacea). *Irish Naturalists' Journal*, 28(7), 303-304, 2006. [Suir Estuary, Waterford Harbour]
- (4307) PAGE, H.M.; DUGAN, J.E.; CULVER, C.S.; HOESTEREY, J.C. Exotic invertebrate species on offshore oil platforms. *Marine Ecology Progress Series*, 325, 101-107, 2006. [*Caprella mutica*; *Watersipora subtorquata*; *Diadumene* sp]
- (4308) PATIL, J.G.; GUNASEKERA, R.M.; DEAGLE, B.E.; BAX, N.J.; BLACKBURN, S.I. Development and evaluation of a PCR based assay for detection of the toxic dinoflagellate, *Gymnodinium catenatum* (Graham) in ballast water and environmental samples. *Biological Invasions*, 7(6), 983-994, 2005.
- (4309) SCHEIBLING, R.E.; GAGNON, P. Competitive interactions between the invasive green alga *Codium fragile* ssp. *tomentosoides* and native canopy-forming seaweeds in Nova Scotia (Canada). *Marine Ecology Progress Series*, 325, 1-14, 2006.

(4310) TREMBLAY, M.J.; THOMPSON, A.; PAUL, K. Recent trends in the abundance of the invasive green crab (*Carcinus maenas*) in Bras d'Or Lakes and Eastern Nova Scotia based on trap surveys. Canadian Technical Report of Fisheries and Aquatic Sciences, (2673), 32p., 2006.