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# **Marine Pollution Research Titles**

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# Marine Pollution Research Titles

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# Marine Pollution Research Titles

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

## Section 1 : General

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

## Section 2 : Petroleum Hydrocarbons

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

## Section 3 : Metals

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

## Section 4 : Radioactivity

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

## Section 5 : Other Chemicals

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

## Section 6 : Biological Wastes

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

## Section 7 : Heat

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

## Section 8 : Solids

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

## Section 9 : Physical Disturbance

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

## Section 10: Non-indigenous Species

Includes records, environmental impact etc.

# Marine Pollution Information Centre

## Scope

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

## Services

The Centre provides a number of services to its users:

### Abstracting and Indexing

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

### Contracts

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

### Enquiries

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

### Reference Collection

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

### Further Information

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## Section 1: General

(2312) ANDERSON, S.L.; CHERR, G.N.; MORGAN, S.G.; VINES, C.A.; HIGASHI, R.M.; BENNETT, W.A.; ROSE, W.L.; BROOKS, A.J.; NISBET, R.M. Integrating contaminant responses in indicator saltmarsh species. *Marine Environmental Research*, 62(Supplement), S317-S321, 2006. [Endocrine disruption]

(2313) ANKLEY, G.T., (ET AL). Toxicogenomics in regulatory ecotoxicology. *Environmental Science and Technology*, 40(13), 4055-4065, 2006.

(2314) AUBANEL, A.; MONIER, C.; BENET, A.; DI JORIO, J.-A.; SALVAT, B. Les plans de gestion de l'espace maritime en Polynesie francaise. *Oceanis*, 29(3/4), 375-395, 2003. [Coral reefs; sustainable development]

(2315) BALLESTEROS, E. Mediterranean coralligenous assemblages: a synthesis of present knowledge. *Oceanography and Marine Biology. Annual Review*, 44, 123-195, 2006. [Review; degradation; waste water; invasive species; impact of fishing and diving]

(2316) BIANCHI, C.N.; PICHON, M.; MORRI, C.; COLANTONI, P.; BENZONI, F.; BALDELLI, G.; SANDRINI, M. Le suivi du blanchissement des coraux aux Maldives: lecons a tirer et nouvelles hypotheses. *Oceanis*, 29(3/4), 325-354, 2003. [Coral bleaching; recovery]

(2317) BILBAO, E.; DE CERIO, O.D.; CAJARAVILLE, M.P.; CANCIO, I. Cloning and expression pattern of peroxisomal enzymes in the mussel *Mytilus galloprovincialis* and in the thicklip grey mullet *Chelon labrosus*: generation of new tools to study peroxisome proliferation. *Marine Environmental Research*, 62(Supplement), S109-S112, 2006.

(2318) BOSTROM, C.; JACKSON, E.L.; SIMENSTAD, C.A. Seagrass landscapes and their effects on associated fauna: a review. *Estuarine, Coastal and Shelf Science*, 68(3/4), 383-403, 2006. [Including anthropogenic factors]

(2319) BREMNER, J.; ROGERS, S.I.; FRID, C.L.J. Matching biological traits to environmental conditions in marine benthic ecosystems. *Journal of Marine Systems*, 60(3/4), 302-316, 2006. [Irish Sea; eastern English Channel; St. Georges Channel; inner Bristol Channel]

(2320) CANESI, L., (ET AL), (EDITORS). Pollutant responses in marine organisms (PRIMO 13). *Alessandria, Italy 19-23 June, 2005. Marine Environmental Research*, 62(Supplement), xiii, S1-S456, 2006.

(2321) CIOCAN, C.M.; MOORE, J.D.; ROTCHELL, J.M. The role of ras gene in the development of haemic neoplasia in *Mytilus trossulus*. *Marine Environmental Research*, 62(Supplement), S147-S150, 2006.

(2322) COLIN, P. Les actions nationales en faveur des recifs coralliens. *Oceanis*, 29(3/4), 429-440, 2003.

(2323) CORREA, J.A., (ET AL). Experimental transplants of the large kelp *Lessonia nigrescens* (Phaeophyceae) in high-energy wave exposed rocky intertidal habitats of northern Chile: experimental, resoration and management applications. *Journal of Experimental Marine Biology and Ecology*, 335(1), 13-18, 2006.

(2324) DORGAN, K.M.; JUMARS, P.A.; JOHNSON, B.D.; BOUDREAU, B.P. Macrofaunal burrowing: the medium is the message. *Oceanography and Marine Biology. Annual Review*, 44, 85-121, 2006.

- (2325) FISHELSON, L. Community structure and fish and invertebrate biodiversity in marine ecosystems: the consequences of our actions. *Boletim do Museu Municipal do Funchal*, Supplement 6, 331-348, 2001.
- (2326) FONTAN, A.; MADER, J.; GONZALEZ, M.; URIARTE, A.; GYSSELS, P.; COLLINS, M.B. Marine hydrodynamics between San Sebastian and Hondarribia (Guipuzcoa, northern Spain): field measurements and numerical modelling. *Scientia Marina*, 70S1(Supplement 1), 51-63, 2006.
- (2327) FRANCE, K.E.; DUFFY, J.E. Diversity and dispersal interactively affect predictability of ecosystem function. *Nature*, 441(7097), 1139-1143, 2006. [Zostera marina ecosystems; environmental degradation]
- (2328) GABRIE, C.; OBERLINKENS, M.; PORCHER, M.; QUOD, J.-P. Plan de gestion du lagon de Mayotte. *Oceanis*, 29(3/4), 355-373, 2003. [Coral reefs; sustainable development; MPAs]
- (2329) GALGANI, F.; CHIFFOLEAU, J.F.; LE GALL, P.; PICHOT, Y.; ANDRAL, B.; MARTIN, C. Deep-sea caging of the mussel *Mytilus galloprovincialis*: potential application in ecotoxicological studies. *Chemistry and Ecology*, 21(2), 133-141, 2005. [Cr; Hg; Ni]
- (2330) GARCEZ, D.S.; SANCHEZ-BOTERO, J.I. Comunidades de pescadores artesanais no estado do Rio Grande do Sul, Brasil. *Atlantica*, 27(1), 17-29, 2005.
- (2331) GIANESELLA, S.M.F.; SALDANHA-CORREA, F.M.P.; DE MIRANDA, L.B.; CORREA, M.A.; MOSER, G.A.O. Short-term variability and transport of nutrients and chlorophyll-A in Bertioga Channel, Sao Paulo State, Brazil. *Brazilian Journal of Oceanography*, 53(3/4), 99-114, 2005. [Pollutant dispersal; nutrients]
- (2332) GILLIERS, C.; LE PAPE, O.; DESAUNAY, Y.; BERGERON, J.-P.; SCHREIBER, N.; GUERALT, D.; AMARA, R. Growth and condition of juvenile sole (*Solea solea* L.) as indicators of habitat quality in coastal and estuarine nurseries in the Bay of Biscay with a focus on sites exposed to the Erika oil spill. *Scientia Marina*, 70S1(Supplement 1), 183-192, 2006.
- (2333) GUERRA-GARCIA, J.M.; GARCIA-GOMEZ, J.C. Recolonization of defaunated sediments: fine versus gross sand and dredging versus experimental trays. *Estuarine, Coastal and Shelf Science*, 68(1/2), 328-342, 2006.
- (2334) HARRIS, L.A.; DUARTE, C.M.; NIXON, S.W. Allometric laws and prediction in estuarine and coastal ecology. *Estuaries and Coasts*, 29(2), 340-344, 2006.
- (2335) HAYWARD, B.W.; GRENFELL, H.R.; SABAA, A.T.; MORLEY, M.S.; HORROCKS, M. Effect and timing of increased freshwater runoff into sheltered harbor environments around Auckland City, New Zealand. *Estuaries and Coasts*, 29(2), 165-182, 2006. [Cu; Ni; Pb; Zn; human colonization]
- (2336) HENDRICK, V.J.; FOSTER-SMITH, R.L. Sabellaria spinulosa reef: a scoring system for evaluating 'reefiness' in the context of the Habitats Directive. *Journal of the Marine Biological Association of the United Kingdom*, 86(4), 665-677, 2006. [Applied to Saturn Reef]
- (2337) HOLMES, S.P.; MILLER, N. Aspects of the ecology and population genetics of the bivalve *Corbula gibba*. *Marine Ecology Progress Series*, 315, 129-140, 2006. [Hypoxia]
- (2338) HRS-BRENKO, M. The basket shell, *Corbula gibba* Olivi, 1792 (Bivalve mollusks) as a species resistant to environmental disturbances: a review. *Acta Adriatica*, 47(1), 49-64, 2006. [Indicator of poor water quality]
- (2339) INSTITUT OCEANOGRAPHIQUE. Les recifs coralliens: recherche, suivi et gestion. Seminaire de l'Institut oceanographique de Paris, 4 novembre 2003. *Oceanis*, 29(3/4), 259-451, 2003.

- (2340) JOANNOT, P. Role et importance des aires protegees dans les recifs coralliens. L'exemple de l'outre-mer francais. *Oceanis*, 29(3/4), 415-427, 2003.
- (2341) KAISER, M.J.; HALL, S.J.; THOMAS, D.N. Habitat modification. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes.* p.927-970. Cambridge: Harvard University Press, 2005. [Land use; nutrients; damming of rivers; aquaculture; fishing]
- (2342) KOSTENKO, N.S.; DYKY, Y. O.; ZAKLETISKY, O.A. Modern state of macrophytobenthos of the Black Sea shelf zones (Southeastern Crimea). [In Russian with English summary]. *Hydrobiological Journal*, 42(2), 48-54, 2006.
- (2343) LAMARCHE, A. A Personal Digital Assistant (PDA) system for data acquisition during shoreline assessment field surveys. In: Canada. Environment Canada. *Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1.* p.217-228. Ottawa: Environment Canada, 2006.
- (2344) LEARMONTH, J.A.; MACLEOD, C.D.; SANTOS, M.B.; PIERCE, G.J.; CRICK, H.Q.P.; ROBINSON, R.A. Potential effects of climate change on marine mammals. *Oceanography and Marine Biology. Annual Review*, 44, 431-464, 2006. [Including increased susceptibility to disease, contaminants and other stressors; changes in CO<sub>2</sub> and pH]
- (2345) LEUVEN, R.S.E.W.; RAGAS, A.M.J.; SMITS, A.J.M.; VAN DER VELDE, G., (EDITORS). *Living rivers: trends and challenges in science and management.* *Hydrobiologia*, 565, x, 1-371, 2006.
- (2346) LIN, H.-J.; DAI, X.-X.; SHAO, K.-T.; SU, H.-M.; LO, W.-T.; HSIEH, H.-L.; FANG, L.-S.; HUNG, J.-J. Trophic structure and functioning in a eutrophic and poorly flushed lagoon in southwestern Taiwan. *Marine Environmental Research*, 62(1), 61-82, 2006. [Nutrient loading]
- (2347) LIPPHARDT, B.L., JR.; SMALL, D.; KIRWAN, A.D.; WIGGINS, S.; IDE, K.; GROSCHE, C.E.; PADUAN, J.D. Synoptic Lagrangian maps: application to surface transport in Monterey Bay. *Journal of Marine Research*, 64(2), 221-247, 2006.
- (2348) LOTZE, H.K.; LENIHAN, H.S.; BOURQUE, B.J.; BRADBURY, R.H.; COOKE, R.G.; KAY, M.C.; KIDWELL, S.M.; KIRBY, M.X.; PETERSON, C.H.; JACKSON, J.B.C. Depletion, degradation, and recovery potential of estuaries and coastal seas. *Science*, 312(5781), 1806-1809, 2006. [Historical baselines]
- (2349) LYONS, B.P.; STENTIFORD, G.D.; BIGNELL, J.; GOODSIR, F.; SIVYER, D.B.; DEVLIN, M.J.; LOWE, D.; BEESLEY, A.; PASCOE, C.K.; MOORE, M.N.; GARNACHO, E. A biological effects monitoring survey of Cardigan Bay using flatfish histopathology, cellular biomarkers and sediment bioassays: findings of the Prince Madog Prize 2003. *Marine Environmental Research*, 62(Supplement), S342-S346, 2006.
- (2350) LYSYKH, N.M. The taxonomic composition and quantitative development of the soft bottom meiobenthos under mariculture of *Mytilus galloprovincialis* Lam., 1819 (the Black Sea). [In Russian with English summary]. *Marine Ecological Journal, Special Issue No. 1*, 61-68, 2005. [No identified impact; nematode:copepod ratio]
- (2351) MAKAROV, M.V. Long-term changes of Gastropoda on algae *Cystoseira* sp. in the Black Sea Crimean coast. [In Russian with English summary]. *Marine Ecological Journal, Special Issue No. 1*, 78-83, 2005. [1954-2005; impact of pollution]

- (2352) MALONE, T.C.; KNAP, T.; FOGARTY, M. Overview of science requirements. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes.* p.757-784. Cambridge: Harvard University Press, 2005.
- (2353) MARINONE, S.G. A numerical simulation of the two- and three-dimensional Lagrangian circulation in the northern Gulf of California. *Estuarine, Coastal and Shelf Science*, 68(1/2), 93-100, 2006. [Fate of larvae or contaminants]
- (2354) MARONE, E.; MACHADO, E.C.; LOPES, R.M.; DA SILVA, E.T. Land-ocean fluxes in the Paranagua Bay estuarine system, southern Brazil. *Brazilian Journal of Oceanography*, 53(3/4), 169-181, 2005. [Anthropogenic impact; nutrients]
- (2355) MCVEIGH, A.; MOORE, M.; ALLEN, J.I.; DYKE, P. Lysosomal responses to nutritional and contaminant stress in mussel hepatopancreatic digestive cells: a modelling study. *Marine Environmental Research*, 62(Supplement), S433-S438, 2006. [PAH; phenanthrene]
- (2356) MENEZES, S.; SOARES, A.M.V.M.; GUILHERMINO, L.; PECK, M.R. Biomarker responses of the estuarine brown shrimp *Crangon crangon* L. to non-toxic stressors: temperature, salinity and handling stress effects. *Journal of Experimental Marine Biology and Ecology*, 335(1), 114-122, 2006.
- (2357) MIRONOV, O.G. Microbiological characteristic of littoral line's marine deposits in Sevastopol's region (the Black Sea). [In Russian with English summary]. *Marine Ecological Journal*, 4(1), 67-74, 2005.
- (2358) MOORE, M.N.; ALLEN, J.I.; SOMERFIELD, P.J. Autophagy: role in surviving environmental stress. *Marine Environmental Research*, 62(Supplement), S420-S425, 2006. [PAH]
- (2359) MORA, C.; ANDREFOUET, S.; COSTELLO, M.J.; KRANENBURG, C.; ROLLO, A.; VERON, J.; GASTON, K.J.; MYERS, R.A. Coral reefs and the global network of marine protected areas. *Science*, 312(5781), 1750-1751, 2006.
- (2360) MORGAN, S.K.; LOURIE, S.A. Threatened fishes of the world: *Hippocampus comes* Cantor 1850 (Syngnathidae). *Environmental Biology of Fishes*, 75(3), 311-313, 2006.
- (2361) MOSSA, M. Field measurements and monitoring of wastewater discharge in sea water. *Estuarine, Coastal and Shelf Science*, 68(3/4), 509-514, 2006. [COD; ammonia; coliforms]
- (2362) NALESSO, R.C.; JOYEUX, J.-C.; QUINTANA, C.O.; TOREZANI, E.; OTEGUI, A.C.P. Soft-bottom macrobenthic communities of the Vitoria Bay estuarine system, south-eastern Brazil. *Brazilian Journal of Oceanography*, 53(1/2), 23-38, 2005. [Domestic and industrial wastewater discharges; sewage; organic loading]
- (2363) NIENHUIS, P.H. Water and values: ecological research as the basis for water management and nature management. *Hydrobiologia*, 565, 261-275, 2006.
- (2364) NUGUES, M.M.; BAK, R.P.M. Differential competitive abilities between Caribbean coral species and a brown alga: a year of experiments and a long-term perspective. *Marine Ecology Progress Series*, 315, 75-86, 2006. [Reef degradation]
- (2365) OGUZ, T.; DIPPNER, J.W.; KAYMAZ, Z. Climatic regulation of the Black Sea hydro-meteorological and ecological properties at interannual-to-decadal time scales. *Journal of Marine Systems*, 60(3/4), 235-254, 2006. [Anthropogenic load; eutrophication]
- (2366) OIKARI, A. Caging techniques for field exposures of fish to chemical contaminants. *Aquatic Toxicology*, 78(4), 370-381, 2006. [Review]



- (2367) PARFYONOVA, I.A.; SOLDATOV, A.A. Erythrogram of *Scorpaena porcus* circulating blood under experimental hypoxia conditions. [In Russian with English summary]. *Marine Ecological Journal*, 4(2), 59-67, 2005.
- (2368) PUINEAN, A.-M.; ROTCHELL, J.M. Vitellogenin gene expression as a biomarker of endocrine disruption in the invertebrate, *Mytilus edulis*. *Marine Environmental Research*, 62(Supplement), S211-S214, 2006. [Specimens from Newhaven]
- (2369) RABALAIS, N.N. Eutrophication. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes.* p.821-866. Cambridge: Harvard University Press, 2005. [Nutrients; hypoxia; anoxia; HAB]
- (2370) RAINGEARD, D.; CANCIO, I.; CAJARAVILLE, M.P. Cloning and expression pattern of peroxisome proliferator-activated receptor alpha in the thicklip grey mullet *Chelon labrosus*. *Marine Environmental Research*, 62(Supplement), S113-S117, 2006.
- (2371) RODNEY, W.S.; PAYNTER, K.T. Comparisons of macrofaunal assemblages on restored and non-restored oyster reefs in mesohaline regions of Chesapeake Bay in Maryland. *Journal of Experimental Marine Biology and Ecology*, 335(1), 39-51, 2006.
- (2372) RONQUILLO, J.D.; MCKINLEY, R.S. Developmental stages and potential mariculture for coastal rehabilitation of endangered Pacific angelwing clam, *Pholas orientalis*. *Aquaculture*, 256(1-4), 180-191, 2006.
- (2373) RUDIN-BROWN, P.M.; KETCHESON, K. Status of the implementation of Environment Canada's Environmental Emergencies Regulation. In: Canada. Environment Canada. *Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2.* p.571-576. Ottawa: Environment Canada, 2006.
- (2374) SAITO, H. Population dynamics of a pollution indicator bivalve, *Theora lubrica*. [In Japanese with English summary]. *Bulletin of Fisheries Research Agency*, (16), 29-95, 2006. [Hypoxia]
- (2375) SALAS, F.; MARCOS, C.; NETO, J.M.; PATRICIO, J.; PEREZ-RUZAFÁ, A.; MARQUES, J.C. User-friendly guide for using benthic ecological indicators in coastal and marine quality assessment. *Ocean and Coastal Management*, 49(5/6), 308-331, 2006.
- (2376) SCHUMANN, R.; BAUDLER, H.; GLASS, A.; DUMCKE, K.; KARSTEN, U. Long-term observations on salinity dynamics in a tideless shallow coastal lagoon of the Southern Baltic Sea coast and their biological relevance. *Journal of Marine Systems*, 60(3/4), 330-344, 2006. [30 years eutrophication followed by 15 years re-mesotrophication]
- (2377) SHAFIR, S.; VAN RIJN, J.; RINKEVICH, B. Steps in the construction of underwater coral nursery, an essential component in reef restoration acts. *Marine Biology*, 149(3), 679-687, 2006.
- (2378) SHEEHAN, D.; O'DONOVAN, E. Towards structural biology in the genus *Mytilus*: on-line homology modeling with Geno3D. *Marine Environmental Research*, 62(Supplement), S411-S414, 2006. [Stress response]
- (2379) SHEN, J.; LIN, J. Modeling study of the influences of tide and stratification on age of water in the tidal James River. *Estuarine, Coastal and Shelf Science*, 68(1/2), 101-112, 2006.
- (2380) SMIT, M.G.D.; KATER, B.J.; JAK, R.G.; VAN DEN HEUVEL-GREVE, M.J. Translating bioassay results to field population responses using a Leslie-matrix model for the marine amphipod *Corophium volutator*. *Ecological Modelling*, 196(3/4), 515-526, 2006. [Field data for Eastern Scheldt]

- (2381) SMITH, J.R.; FONG, P.; AMBROSE, R.F. Long-term change in mussel (*Mytilus californianus* Conrad) populations along the wave-exposed coast of southern California. *Marine Biology*, 149(3), 537-545, 2006. [Decline may include anthropogenic disturbance; increased sea surface temperature and pollution]
- (2382) STEELE, J.H.; COLLIE, J.S. Functional diversity and stability of coastal ecosystems. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes.* p.785-819. Cambridge: Harvard University Press, 2005.
- (2383) SUTHERLAND, W.J., (ET AL). The identification of 100 ecological questions of high policy relevance in the UK. *Journal of Applied Ecology*, 43(4), 617-627, 2006.
- (2384) TARASOVA, T.S. The effect of environment on the fauna of benthic foraminifers in near-shore ecosystems. [In Russian with English summary]. *Biologiya Morya*, 32(2), 85-94, 2006. [Review; natural and anthropogenic factors; anthropogenic impact; aquaculture]
- (2385) TAS, S.; OKUS, E.; ASLAN-YILMAZ, A. The blooms of a cyanobacterium, *Microcystis* cf. *aeruginosa* in a severely polluted estuary, the Golden Horn, Turkey. *Estuarine, Coastal and Shelf Science*, 68(3/4), 593-599, 2006.
- (2386) THOMAS, P.; RAHMAN, M.S.; KUMMER, J.A.; LAWSON, S. Reproductive endocrine dysfunction in Atlantic croaker exposed to hypoxia. *Marine Environmental Research*, 62(Supplement), S249-S252, 2006.
- (2387) TRAN, K.C. Public perception of development issues: public awareness can contribute to sustainable development of a small island. *Ocean and Coastal Management*, 49(5/6), 367-383, 2006.
- (2388) TUCHKOVENKO, Y.S.; DOCENKO, S.A.; DYATLOV, S.E.; NESTEROVA, D.A.; SKRIPNIK, I.A.; KIRSANOVA, E.V. Influence of hydrological conditions on variability of hydrochemical characteristics of waters in Odessa region in northwestern part of the Black Sea. [In Russian with English summary]. *Marine Ecological Journal*, 3(4), 75-86, 2004. [Eutrophication; hypoxia]
- (2389) WADE, A.J., (EDITOR). Monitoring and modelling the impacts of global change on European freshwater ecosystems. *Science of the Total Environment*, 365(1-3), 1-273, 2006.
- (2390) WARD, D.G.; WEI, W.; CHENG, Y.; BILLINGHAM, L.J.; MARTIN, A.; JOHNSON, P.J.; LYONS, B.P.; FEIST, S.W.; STENTIFORD, G.D. Plasma proteome analysis reveals the geographical origin and liver tumor status of dab (*Limanda limanda*) from UK marine waters. *Environmental Science and Technology*, 40(12), 4031-4036, 2006. [North Sea; Irish Sea]
- (2391) ZHENG, J.; YAMADA, M. Plutonium isotopes in settling particles: transport and scavenging of Pu in the western Northwest Pacific. *Environmental Science and Technology*, 40(13), 4103-4108, 2006. [239+240Pu]
- (2392) ZHURAVEL, E.V.; MARKINA, Z.V.; KHRISTOFOROVA, N.K.; AIZDAICHER, N.A. Assessment of water quality in Peter the Great Bay using the microalga *Dunaliella salina* and sea urchin *Scaphechinus mirabilis* embryos and larvae. [In Russian with English summary]. *Biologiya Morya*, 32(3), 188-196, 2006.

## Section 2: Petroleum Hydrocarbons

- (2393) ALBAIGES, J.; MORALES-NIN, B.; VILAS, F. Editorial. The Prestige oil spill: a scientific response. *Marine Pollution Bulletin*, 53(5-7), 205-207, 2006.
- (2394) ALBAIGES, J.; MORALES-NIN, B.; VILAS, F., (EDITORS). The Prestige oil spill: a scientific response. *Marine Pollution Bulletin*, 53(5-7), 203-374, 2006.
- (2395) ALVAREZ-SALGADO, X.A.; HERRERA, J.L.; GAGO, J.; OTERO, P.; SORIANO, J.A.; POLA, C.G.; GARCIA-SOTO, C. Influence of the oceanographic conditions during spring 2003 on the transport of the Prestige tanker fuel oil to the Galician coast. *Marine Pollution Bulletin*, 53(5-7), 239-249, 2006. [PAHs]
- (2396) BANTA, J.; MUNGER, M. Community-based oil spill response in Alaska. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.199-205. Ottawa: Environment Canada, 2006.
- (2397) BEEGLE-KRAUSE, C.J.; BARKER, C.H.; WATABAYASHI, G.; LEHR, W. Long-term transport of oil from T/B DBL-152: lessons learned for oils heavier than seawater. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.1003-1020. Ottawa: Environment Canada, 2006.
- (2398) BERGUEIRO, J.R.; MORENO, S.; GUIJARRO, S.; SANTOS, A.; SERR, F. The INCOTUR Model: estimation of losses in the tourism sector of Alcudia due to a hydrocarbon spill. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.301-314. Ottawa: Environment Canada, 2006. [Jet A1 fuel oil; unleaded gasoline; Bunker C]
- (2399) BOLOGNESI, C.; PERRONE, E.; ROGGIERI, P.; SCIUTTO, A. Bioindicators in monitoring long term genotoxic impact of oil spill: Haven case study. *Marine Environmental Research*, 62(Supplement), S287-S291, 2006.
- (2400) BOOIJ, K.; SMEDES, F.; VAN WEERLEE, E.M.; HONKOOOP, P.J.C. Environmental monitoring of hydrophobic organic contaminants: the case of mussels versus semipermeable membrane devices. *Environmental Science and Technology*, 40(12), 3893-3900, 2006. [Phenanthrene; PCB-4; PCB-29; chrysene; PCB-155; PCB-204; SPMD]
- (2401) BROWN, C.E.; FINGAS, M.F.; MAROIS, R. Oil spill remote sensing flights around Vancouver Island. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.921-929. Ottawa: Environment Canada, 2006.
- (2402) BROWN, C.E.; FINGAS, M.F.; MONCHALIN, J.-P.; NERON, C.; PADIOLEAU, C. Airborne measurement of oil slick thickness. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.911-919. Ottawa: Environment Canada, 2006.
- (2403) BROWN, M.; DAVIES, I.M.; MOFFAT, C.F.; CRAFT, J.A. Application of SSH and a macroarray to investigate altered gene expression in *Mytilus edulis* in response to exposure to benzo[a]pyrene. *Marine Environmental Research*, 62(Supplement), S128-S135, 2006.

- (2404) BUCALOSSI, D.; LEONZIO, C.; CASINI, S.; FOSSI, M.C.; MARSILI, L.; ANCORA, S.; WANG, W.; SCALI, M. Application of a suite of biomarkers in *Posidonia oceanica* (L.) delile to assess the ecotoxicological impact on the coastal environment. *Marine Environmental Research*, 62(Supplement), S327-S331, 2006.
- (2405) BUIST, I.; POTTER, S.; MEYER, P.; ZABILANSKY, L.; MULLIN, J. Mid-scale test tank research on using oil herding surfactants to thicken oil slicks in pack ice: an update. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.691-709. Ottawa: Environment Canada, 2006.
- (2406) BURDIYAN, N.V.; RUBTSOVA, S.I.; BELYAEVA, O.I. Thiobacteria and sulphatereducing bacteria in the littoral line deposits of Sevastopol region (the Black Sea). [In Russian with English summary]. *Marine Ecological Journal*, Special Issue No. 1, 7-12, 2005. [Oil]
- (2407) CAJARAVILLE, M.P.; GARMENDIA, L.; ORBEA, A.; WERDING, R.; GOMEZ-MENDIKUTE, A.; IZAGIRRE, U.; SOTO, M.; MARIGOMEZ. Signs of recovery of mussels health two years after the Prestige oil spill. *Marine Environmental Research*, 62(Supplement), S337-S341, 2006.
- (2408) CARLS, M.G. Nonparametric identification of petrogenic and pyrogenic hydrocarbons in aquatic ecosystems. *Environmental Science and Technology*, 40(13), 4233-4239, 2006. [PAH; Exxon Valdez oil spill]
- (2409) CARRACEDO, P.; TORRES-LOPEZ, S.; BARREIRO, M.; MONTERO, P.; BALSEIRO, C.F.; PENABAD, E.; LEITAO, P.C.; PEREZ-MUNUZURI, V. Improvement of pollutant drift forecast system applied to the Prestige oil spills in Galicia Coast (NW of Spain): development of an operational system. *Marine Pollution Bulletin*, 53(5-7), 350-360, 2006. [METEOMOHID]
- (2410) CASINI, S.; MARSILI, L.; FOSSI, M.C.; MORI, G.; BUCALOSSI, D.; PORCELLONI, S.; CALIANI, I.; STEFANINI, G.; FERRARO, M.; DI CATENAJA, C.A. Use of biomarkers to investigate toxicological effects of produced water treated with conventional and innovative methods. *Marine Environmental Research*, 62(Supplement), S347-S351, 2006. [PAHs]
- (2411) CHEUNG, V.V.; JHA, A.; OWEN, R.; DEPLEGGE, M.H.; GALLOWAY, T.S. Development of the in vivo chromosome aberration assay in oyster (*Crassostrea gigas*) embryo-larvae for genotoxicity assessment. *Marine Environmental Research*, 62(Supplement), S278-S282, 2006. [Methylmethanesulphonate (MMS); benzo(a)pyrene]
- (2412) COHEN, A.; GAGNON, M.M.; NUGEGODA, D. Oil spill remediation techniques can have different impacts on mixed function oxygenase enzyme activities in fish. *Bulletin of Environmental Contamination and Toxicology*, 76(5), 855-862, 2006. [EROD; Bass Strait crude oil; dispersed crude oil; burnt crude oil; PAH]
- (2413) COOPER, D.; MACKAY, R.; BROWN, C.E. Testing brush adapters for the GT-185 skimmer. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.153-172. Ottawa: Environment Canada, 2006.
- (2414) DAVIS, D.W. Oil spills and other issues in the aftermath of hurricanes Katrina and Rita: an overview. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.965-975. Ottawa: Environment Canada, 2006. [Including offshore oil and gas infrastructure]

- (2415) DECOLA, E.; ROBERTSON, T.; PEARSON, L.; DIETRICK, L.; FOLLEY, G. The M/V Selendang Ayu commercial fisheries work group process. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.267-284. Ottawa: Environment Canada, 2006. [Oil spills; fishery closure]
- (2416) DENTON, G.R.W.; BEARDEN, B.G.; CONCEPCION, L.P.; WOOD, H.R.; MORRISON, R.J. Contaminant assessment of surface sediments from Tanapag Lagoon, Saipan, Commonwealth of the Northern Mariana Islands. *Marine Pollution Bulletin*, 52(6), 703-710, 2006. [PAHs; PCBs; Ag; As; Cd; Cr; Cu; Hg; Ni; Pb; Sn; Zn]
- (2417) DOROSHENKO, J.V. Microflora of oil harbour of the Sevastopol Bay (the Black Sea). [In Russian with English summary]. *Marine Ecological Journal*, Special Issue No. 1, 33-37, 2005.
- (2418) DOS SANTOS, T.D.C.A.; NGAN, P.V.; DE ARRUDA CAMPOS ROCHA PASSOS, M.J.; GOMES, V. Effects of naphthalene on metabolic rate and ammonia excretion of juvenile Florida pompano, *Trachinotus carolinus*. *Journal of Experimental Marine Biology and Ecology*, 335(1), 82-90, 2006.
- (2419) ELEY, D.; ROBERTSON, T. Investigation of vessel traffic passing through the Aleutian Islands with discussion of risk factors that could lead to oil pollution. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.251-260. Ottawa: Environment Canada, 2006.
- (2420) ERCILLA, G.; CORDOBA, D.; GALLART, J.; GRACIA, E.; MUNOZ, J.A.; SOMOZA, L.; VAZQUEZ, J.T.; VILAS, F.; PRESTIGE GROUP. Geological characterization of the Prestige sinking area. *Marine Pollution Bulletin*, 53(5-7), 208-219, 2006.
- (2421) ETKIN, D.S.; FRENCH MCCAY, D.; ROWE, J. Modelling to evaluate effectiveness of variations in spill response strategy. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.879-892. Ottawa: Environment Canada, 2006. [SIMAP]
- (2422) FANT, J.W.; HANSEN, K.A. US Coast Guard laser fluorosensor testing. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.951-964. Ottawa: Environment Canada, 2006.
- (2423) FARRINGTON, J.W. The biogeochemistry of organic chemicals of environmental concern in the coastal oceans. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea*. Volume 13. The global coastal ocean: multiscale interdisciplinary processes. p.555-640. Cambridge: Harvard University Press, 2005.
- (2424) FELDSTEIN, T.; NELSON, N.; MOKADY, O. Cloning and expression of MDR transporters from marine bivalves, and their potential use in biomonitoring. *Marine Environmental Research*, 62(Supplement), S118-S121, 2006. [Diesel; *Brachidontes pharaonis*]
- (2425) FINGAS, M.; FIELDHOUSE, B. A review of knowledge on water-in-oil emulsions. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.1-56. Ottawa: Environment Canada, 2006. [Asphaltene]

- (2426) FINGAS, M.; FIELDHOUSE, B.; WANG, Z. The effectiveness of dispersants on Alaska North Slope crude oil under various temperature and salinity regimes. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.821-826. Ottawa: Environment Canada, 2006. [Corexit 9500; Corexit 9527]
- (2427) FINGAS, M.; HOLLEBONE, B.; FIELDHOUSE, B. The density behaviour of heavy oils in water. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.57-77. Ottawa: Environment Canada, 2006. [Review]
- (2428) FINGAS, M.; KA'AIHUE, L. Oil spill dispersion stability and oil re-surfacing. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.729-819. Ottawa: Environment Canada, 2006.
- (2429) FOLLEY, G.; PEARSON, L.; CROSBY, C.; DECOLA, E.; ROBERTSON, T. The Alaska Commercial Fisheries Water Quality Sampling Methods and Procedures Manual. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.285-299. Ottawa: Environment Canada, 2006. [Oil spills; M/V Selendang Ayu]
- (2430) FRANCO, M.A.; VINAS, L.; SORIANO, J.A.; DE ARMAS, D.; GONZALEZ, J.J.; BEIRAS, R.; SALAS, N.; BAYONA, J.M.; ALBAIGES, J. Spatial distribution and ecotoxicity of petroleum hydrocarbons in sediments from the Galicia continental shelf (NW Spain) after the Prestige oil spill. *Marine Pollution Bulletin*, 53(5-7), 260-271, 2006. [PAHs; aliphatic hydrocarbons]
- (2431) FRENCH MCCAY, D.; NORDHAUSEN, W.; PAYNE, J.R. Modeling potential impacts of effective dispersant use on aquatic biota. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.855-878. Ottawa: Environment Canada, 2006. [PAH]
- (2432) FRENCH MCCAY, D.; ROWE, J.J.; SANKARANARAYANAN, S.; ETKIN, D.S. Data needs to reliably hindcast a spill's impact: the PEPCO pipeline spill of April 2000 as case example. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.827-853. Ottawa: Environment Canada, 2006.
- (2433) GILLIERS, C.; LE PAPE, O.; DESAUNAY, Y.; BERGERON, J.-P.; SCHREIBER, N.; GUERALT, D.; AMARA, R. Growth and condition of juvenile sole (*Solea solea* L.) as indicators of habitat quality in coastal and estuarine nurseries in the Bay of Biscay with a focus on sites exposed to the Erika oil spill. *Scientia Marina*, 70S1(Supplement 1), 183-192, 2006.
- (2434) GODARD, C.A.J.; WISE, S.S.; KELLY, R.S.; GOODALE, B.; KRAUS, S.; ROMANO, T.; O'HARA, T.; WISE, J.P., SR. Benz[a]pyrene cytotoxicity in right whale (*Eubalaena glacialis*) skin, testis and lung cell lines. *Marine Environmental Research*, 62(Supplement), S20-S24, 2006.
- (2435) GONZALES, J.J., (ET AL). Spatial and temporal distribution of dissolved/dispersed aromatic hydrocarbons in seawater in the area affected by the Prestige oil spill. *Marine Pollution Bulletin*, 53(5-7), 250-259, 2006. [PAHs; WAF]
- (2436) GONZALEZ, M.; URIARTE, A.; POZO, R.; COLLINS, M. The Prestige crisis: operational oceanography applied to oil recovery, by the Basque fishing fleet. *Marine Pollution Bulletin*, 53(5-7), 369-374, 2006.

- (2437) GOODMAN, R. Oil spill research: salt water and fresh water. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.195-198. Ottawa: Environment Canada, 2006.
- (2438) GOURIOU, V.; QUINTIN, K.; LEGRAND, S.; RAVIN, C.; MAZURIER, A.; LE JUNTER, Y.; GICQUEL, M. New tools and technologies to manage operational data and help in decision-making concerning shoreline pollution. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.229-235. Ottawa: Environment Canada, 2006. [POLMAR]
- (2439) GUIDRY, R.J. From the incident Command Center oil spills from hurricanes Katrina and Rita. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.989-1001. Ottawa: Environment Canada, 2006.
- (2440) IWAMOTO, L.; ROBERTSON, T.; BANTA, J. The Alaska Potential Places of Refuge Project: a key step in reducing the risk of vessel-source oil spills. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.261-266. Ottawa: Environment Canada, 2006. [PPOR; Prince William Sound]
- (2441) JONKER, M.T.O.; BARENDREGT, A. Oil is a sedimentary supersorbent for polychlorinated biphenyls. *Environmental Science and Technology*, 40(12), 3829-3835, 2006. [PCBs]
- (2442) JORDI, A., (ET AL). Scientific management of Mediterranean coastal zone: a hybrid ocean forecasting system for oil spill and search and rescue operations. *Marine Pollution Bulletin*, 53(5-7), 361-368, 2006. [Including application to the Bay of Palma]
- (2443) KHELIFA, A.; GAMBLE, L. Prediction of tar ball formation. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.79-90. Ottawa: Environment Canada, 2006.
- (2444) KIM, I.-Y.; HYUN, C.-K. Comparative evaluation of the alkaline comet assay with the micronucleus test for genotoxicity monitoring using aquatic organisms. *Ecotoxicology and Environmental Safety*, 64(3), 288-297, 2006. [Benzo(a)pyrene; PAH; N-methyl-N'-nitro-N-nitrosoguanidine (MNNG)]
- (2445) LAMARCHE, A. A Personal Digital Assistant (PDA) system for data acquisition during shoreline assessment field surveys. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.217-228. Ottawa: Environment Canada, 2006.
- (2446) LAMBERT, P.; FIELDHOUSE, B.; FINGAS, M. A discussion on the use of oil spill treating agents in Canada. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.1077-1086. Ottawa: Environment Canada, 2006.
- (2447) LEONOV, A.V.; PISHCHAL'NIK, V.M. Mathematical simulation of oil hydrocarbon decomposition in waters of Aniva Bay (Sakhalin Island, Russia). In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.1033-1053. Ottawa: Environment Canada, 2006.

- (2448) LOEHR, L.C.; BEEGLE-KRAUSE, C.-J.; GEORGE, K.; MCGEE, C.D.; MEARNS, A.J.; ATKINSON, M.J. The significance of dilution in evaluating possible impacts of wastewater discharges from large cruise ships. *Marine Pollution Bulletin*, 52(6), 681-688, 2006. [Sewage; black water; grey water]
- (2449) LU, L.; WU, R.S.S. A field experimental study on recolonization and succession of macrobenthic infauna in defaunated sediment contaminated with petroleum hydrocarbons. *Estuarine, Coastal and Shelf Science*, 68(3/4), 627-634, 2006.
- (2450) LUO, X.; MA, Q.M. Changes in the chemical composition of the light crude oil by short-term weathering. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.143-151. Ottawa: Environment Canada, 2006.
- (2451) MANYIN, T.; ROWE, C.L. Chronic exposure of *Leptocheirus plumulosus* to Baltimore Harbor sediment: bioenergetic and population-level effects. *Marine Environmental Research*, 62(2), 116-130, 2006. [PAHs; PCBs; As; Cd; Cu; Hg; Ni; Pb; Zn]
- (2452) MARIGOMEZ, I.; SOTO, M.; CANCIO, I.; ORBEA, A.; GARMENDIA, L.; CAJARAVILLE, M.P. Cell and tissue biomarkers in mussel, and histopathology in hake and anchovy from Bay of Biscay after the Prestige oil spill (Monitoring Campaign 2003). *Marine Pollution Bulletin*, 53(5-7), 287-304, 2006.
- (2453) MARTINEZ-GOMEZ, C.; CAMPILLO, J.A.; BENEDICTO, J.; FERNANDEZ, B.; VALDES, J.; GARCIA, I.; SANCHEZ, F. Monitoring biomarkers in fish (*Lepidorhombus boscii* and *Callionymus lyra*) from the northern Iberian shelf after the Prestige oil spill. *Marine Pollution Bulletin*, 53(5-7), 305-314, 2006. [PAHs; DNA integrity; EROD; GST; catalase; glutathione reductase]
- (2454) MCELROY, A.E.; BOGLER, A.; WEISBAUM, D.; NORRIS, M.; MENDELMAN, L.V.; SETLOW, R.; WINN, R. Uptake, metabolism, mutant frequencies and mutational spectra in lambda transgenic medaka embryos exposed to benzo[alpha]pyrene dosed sediments. *Marine Environmental Research*, 62(Supplement), S273-S277, 2006. [PAH]
- (2455) MCVEIGH, A.; MOORE, M.; ALLEN, J.I.; DYKE, P. Lysosomal responses to nutritional and contaminant stress in mussel hepatopancreatic digestive cells: a modelling study. *Marine Environmental Research*, 62(Supplement), S433-S438, 2006. [PAH; phenanthrene]
- (2456) MIRONOV, O.G. Microbiological characteristic of littoral line's marine deposits in Sevastopol's region (the Black Sea). [In Russian with English summary]. *Marine Ecological Journal*, 4(1), 67-74, 2005.
- (2457) MOORE, M.N.; ALLEN, J.I.; SOMERFIELD, P.J. Autophagy: role in surviving environmental stress. *Marine Environmental Research*, 62(Supplement), S420-S425, 2006. [PAH]
- (2458) MUNGER, M.; BRYANT, T.; HAUGSTAD, E.; KWIETNIAK, J.; DECOLA, E.; ROBERTSON, T. Geographic Response Information Network: a new tool to manage community information for oil spill contingency planning and response operations. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.237-244. Ottawa: Environment Canada, 2006. [GRIN]
- (2459) MYERS, J. In-situ burn and initial recovery of a South Louisiana intermediate marsh. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.977-987. Ottawa: Environment Canada, 2006.



- (2460) NAVAS, J.M.; BABIN, M.; CASADO, S.; FERNANDEZ, C.; TARAZONA, J.V. The Prestige oil spill: a laboratory study about the toxicity of the water-soluble fraction of the fuel oil. *Marine Environmental Research*, 62(Supplement), S352-S355, 2006.
- (2461) NEGRI, A.; BURNS, K.; BOYLE, S.; BRINKMAN, D.; WEBSTER, N. Contamination in sediments, bivalves and sponges of McMurdo Sound, Antarctica. *Environmental Pollution*, 143(3), 456-467, 2006. [As; Cd; Cu; Hg; Pb; Zn; PAH; total hydrocarbons; n-alkanes; oil; PCBs]
- (2462) NEMIROVSKAYA, I.; SHEVCHENKO, V.; BOGUNOV, A. Natural and anthropogenic hydrocarbons in the White Sea ecosystem. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.1055-1076. Ottawa: Environment Canada, 2006. [PAH; alkanes]
- (2463) PETROV, A.N.; NEVROVA, E.L.; MALAKHOVA, L.V. Multivariate analysis of benthic diatoms distribution across the multidimensional space of the environmental factors gradient in Sevastopol Bay (the Black Sea, Crimea). [In Russian with English summary]. *Marine Ecological Journal*, 4(3), 65-77, 2005. [Cd; Mn; Zn; PCBs; oil]
- (2464) PUNIN CRESPO, M.O.; LAGE YUSTY, M.A. Comparison of supercritical fluid extraction and Soxhlet extraction for the determination of aliphatic hydrocarbons in seaweed samples. *Ecotoxicology and Environmental Safety*, 64(3), 400-405, 2006.
- (2465) ROBERTSON, T.; DECOLA, E.; FLETCHER, S.; PEARSON, L.; IWAMOTO, L. The Spill Tactics for Alaska Responders Manual Project. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.245-250. Ottawa: Environment Canada, 2006. [STAR]
- (2466) ROBINSON, L. Effectiveness of citizen involvement. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.207-216. Ottawa: Environment Canada, 2006. [Prince William Sound Regional Citizens' Advisory Council (PWSRCAC)]
- (2467) RUIZ-VILLARREAL, M.; GONZALEZ-POLA, C.; DIAZ DEL RIO, G.; LAVIN, A.; OTERO, P.; PIEDRACOBIA, S.; CABANAS, J.M. Oceanographic conditions in North and Northwest Iberia and their influence on the Prestige oil spill. *Marine Pollution Bulletin*, 53(5-7), 220-238, 2006.
- (2468) SALAS, F.; MARCOS, C.; NETO, J.M.; PATRICIO, J.; PEREZ-RUZAFIA, A.; MARQUES, J.C. User-friendly guide for using benthic ecological indicators in coastal and marine quality assessment. *Ocean and Coastal Management*, 49(5/6), 308-331, 2006.
- (2469) SANCHEZ, F.; VELASCO, F.; CARTES, J.E.; OLASO, I.; PRECIADO, I.; FANELLI, E.; SERRANO, A.; GUTIERREZ-ZABALA, J.L. Monitoring the Prestige oil spill impacts on some key species of the Northern Iberian shelf. *Marine Pollution Bulletin*, 53(5-7), 332-349, 2006. [Tar aggregates]
- (2470) SERRANO, A.; SANCHEZ, F.; PRECIADO, I.; PARRA, S.; FRUTOS, I. Spatial and temporal changes in benthic communities of the Galician continental shelf after the Prestige oil spill. *Marine Pollution Bulletin*, 53(5-7), 315-331, 2006. [Tar aggregates]
- (2471) SHORT, J.W.; MASELKO, J.M.; LINDBERG, M.R.; HARRIS, P.M.; RICE, S.D. Vertical distribution and probability of encountering intertidal Exxon Valdez oil on shorelines of three embayments within Prince William Sound, Alaska. *Environmental Science and Technology*, 40(12), 3723-3729, 2006. [Sea otters; ducks]

(2472) SIMECEK-BEATTY, D.; PICHEL, W.G. RADARSAT-1 synthetic aperture radar analysis. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.931-949. Ottawa: Environment Canada, 2006.

(2473) SPRING, W.; NEDWED, T. Icebreaker enhanced chemical dispersion of oil spills. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.711-727. Ottawa: Environment Canada, 2006.

(2474) TOLLEFSEN, K.-E.; FINNE, E.F.; ROMSTAD, R.; SANDBERG, C. Effluents from oil production activities contain chemicals that interfere with normal function of intra- and extra-cellular estrogen binding proteins. *Marine Environmental Research*, 62(Supplement), S191-S194, 2006. [Produced water; refinery effluent; alkylphenols; 4-tert-butylphenol]

(2475) TURPIN, R. The evolution of the US Environmental Protection Agency's national approach to response: from the 1968 National Contingency Plan to the 2004 National Response Plan. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.547-550. Ottawa: Environment Canada, 2006.

(2476) VAN COLEN, C.; VINCX, M.; DEGRAER, S. Does medium-term emersion cause a mass extinction of tidal flat macrobenthos? - the case of the Tricolor oil pollution prevention in the Zwin nature reserve (Belgium and The Netherlands). *Estuarine, Coastal and Shelf Science*, 68(1/2), 343-347, 2006.

(2477) VARELA, M., (ET AL). The effect of the "Prestige" oil spill on the plankton of the N-NW Spanish coast. *Marine Pollution Bulletin*, 53(5-7), 272-286, 2006.

(2478) WHITTIER, N.; FRENCH MCCAY, D. Chemical spill modeling and spill hazard evaluation of the most frequently spilled chemicals. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.551-569. Ottawa: Environment Canada, 2006. [levoli Sun spill; English Channel; benzene; acrylonitrile]

(2479) YAPA, P.D.; DASANAYAKA, L.K. State-of-the-art review of modelling oil transport and spreading in ice covered waters. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.893-909. Ottawa: Environment Canada, 2006.

(2480) ZHU, S.; KING, S.C.; HAASCH, M.L. Environmental induction of CYP1A-, CYP2M1- and CYP2K1-like proteins in tropical fish species by produced formation water on the northwest shelf of Australia. *Marine Environmental Research*, 62(Supplement), S322-S326, 2006.

### Section 3: Metals

- (2481) ANDRADE, S.; CONTRERAS, L.; MOFFETT, J.W.; CORREA, J.A. Kinetics of copper accumulation in *Lessonia nigrescens* (Phaeophyceae) under conditions of environmental oxidative stress. *Aquatic Toxicology*, 78(4), 398-401, 2006. [Cu]
- (2482) ASPMO, K.; TEMME, C.; BERG, T.; FERRARI, C.; GAUCHARD, P.-A.; FAIN, X.; WIBETOE, G. Mercury in the atmosphere, snow melt water ponds in the North Atlantic Ocean during Arctic summer. *Environmental Science and Technology*, 40(13), 4083-4089, 2006. [Hg]
- (2483) BADEN, S.P.; ERIKSSON, S.P. Role, routes and effects of manganese in crustaceans. *Oceanography and Marine Biology. Annual Review*, 44, 61-83, 2006. [Mn]
- (2484) BUCALOSSI, D.; LEONZIO, C.; CASINI, S.; FOSSI, M.C.; MARSILI, L.; ANCORA, S.; WANG, W.; SCALI, M. Application of a suite of biomarkers in *Posidonia oceanica* (L.) delile to assess the ecotoxicological impact on the coastal environment. *Marine Environmental Research*, 62(Supplement), S327-S331, 2006.
- (2485) CAURANT, F.; AUBAIL, A.; LAHAYE, V.; VAN CANNEYT, O.; ROGAN, E.; LOPEZ, A.; ADDINK, M.; CHURLAUD, C.; ROBERT, M.; BUSTAMANTE, P. Lead contamination of small cetaceans in European waters - the use of stable isotopes for identifying the sources of lead exposure. *Marine Environmental Research*, 62(2), 131-148, 2006. [Pb; stranded on north coast of Brittany]
- (2486) CHELYADINA, N.S.; VYALOVA, O.Y.; SMIRNOVA, L.L. Contents of Zn, Cu, Pb, Cd in gonads of cultivated mussels *Mytilus galloprovincialis* Lam. [In Russian with English summary]. *Marine Ecological Journal, Special Issue No. 1*, 119-125, 2005.
- (2487) CLEDON, M.; THEOBALD, N.; GERWINSKI, W.; PENCHASZADEH, P.E. Imposex and organotin compounds in marine gastropods and sediments from the Mar del Plata coast, Argentina. *Journal of the Marine Biological Association of the United Kingdom*, 86(4), 751-755, 2006. [TBT; dibutyltin; monobutyltin; diphenyltin]
- (2488) COELHO, J.P.; PIMENTA, J.; GOMES, R.; BARROSO, C.M.; PEREIRA, M.E.; PARDAL, M.A.; DUARTE, A. Can *Nassarius reticulatus* be used as a bioindicator for Hg contamination? Results from a longitudinal study of the Portuguese coastline. *Marine Pollution Bulletin*, 52(6), 674-680, 2006.
- (2489) DEKOV, V.M.; KAMENOV, G.D.; SAVELLI, C.; STUMMEYER, J. Anthropogenic Pb component in hydrothermal ochres from Marsili Seamount (Tyrrhenian Sea). *Marine Geology*, 229(3/4), 199-208, 2006.
- (2490) DENTON, G.R.W.; BEARDEN, B.G.; CONCEPCION, L.P.; WOOD, H.R.; MORRISON, R.J. Contaminant assessment of surface sediments from Tanapag Lagoon, Saipan, Commonwealth of the Northern Mariana Islands. *Marine Pollution Bulletin*, 52(6), 703-710, 2006. [PAHs; PCBs; Ag; As; Cd; Cr; Cu; Hg; Ni; Pb; Sn; Zn]
- (2491) EL MENIF, N.T.; LAHBIB, Y.; LE PENNEC, M.; FLOWER, R.; BOUMAIZA, M. Intensity of the imposex phenomenon - impact on growth and fecundity in *Hexaplex trunculus* (Mollusca: Gastropoda) collected in Bizerta lagoon and channel (Tunisia). *Cahiers de Biologie Marine*, 47(2), 165-175, 2006. [TBT; shipping activity]
- (2492) EMMANOUIL, C.; SMART, D.J.; HODGES, N.J.; CHIPMAN, J.K. Oxidative damage produced by Cr(VI) and repair in mussel (*Mytilus edulis* L.) gill. *Marine Environmental Research*, 62(Supplement), S292-S296, 2006.

- (2493) FANG, J.; WANG, K.X. Spatial distribution and partitioning of heavy metals in surface sediments from Yangtze Estuary and Hangzhou Bay, People's Republic of China. *Bulletin of Environmental Contamination and Toxicology*, 76(5), 831-839, 2006. [Cd; Cr; Cu; Fe; Mn; Nu; Pb; Zn]
- (2494) FERNANDEZ, M.A.; LIMAVERDE, A.M.; SCOFIELD, A. DE L.; WAGENER, A. DE L.R. Preliminary evaluation of human health risks from ingestion of organotin contaminated seafood in Brazil. *Brazilian Journal of Oceanography*, 53(1/2), 75-77, 2005. [TBT; triphenyltin]
- (2495) FISHELSON, L. Community structure and fish and invertebrate biodiversity in marine ecosystems: the consequences of our actions. *Boletim do Museu Municipal do Funchal*, Supplement 6, 331-348, 2001.
- (2496) FORSBERG, J.; DAHLQVIST, R.; GELTING-NYSTROM, J.; INGRI, J. Trace metal speciation in brackish water using diffusive gradients in thin films and ultrafiltration: comparison of techniques. *Environmental Science and Technology*, 40(12), 3901-3905, 2006. [Cd; Cu; Mn; Ni; Zn]
- (2497) GAGNE, F.; BLAISE, C.; PELLERIN, J.; PELLETIER, J.; STRAND, J. Health status of *Mya arenaria* bivalves collected from contaminated sites in Canada (Saguenay Fjord) and Denmark (Odense Fjord) during their reproductive period. *Ecotoxicology and Environmental Safety*, 64(3), 348-361, 2006. [Ag; Al; As; Ba; Cd; Co; Cr; Cu; Fe; Ga; Hg; La; Li; Mn; Mo; Ni; Pb; Se; Sn; Sr; U; V; Zn; TBT; monobutyltin; dibutyltin; metallothionein]
- (2498) GALGANI, F.; CHIFFOLEAU, J.F.; LE GALL, P.; PICHOT, Y.; ANDRAL, B.; MARTIN, C. Deep-sea caging of the mussel *Mytilus galloprovincialis*: potential application in ecotoxicological studies. *Chemistry and Ecology*, 21(2), 133-141, 2005. [Cr; Hg; Ni]
- (2499) GARAVENTA, F.; FAIMALI, M.; TERLIZZI, A. Imposex in pre-pollution times. Is TBT to blame? *Marine Pollution Bulletin*, 52(6), 696-718, 2006.
- (2500) HAMED, M.A.; EMARA, A.M. Marine molluscs as biomonitors for heavy metal levels in the Gulf of Suez, Red Sea. *Journal of Marine Systems*, 60(3/4), 220-234, 2006. [Cd; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (2501) HAYWARD, B.W.; GRENFELL, H.R.; SABAA, A.T.; MORLEY, M.S.; HORROCKS, M. Effect and timing of increased freshwater runoff into sheltered harbor environments around Auckland City, New Zealand. *Estuaries and Coasts*, 29(2), 165-182, 2006. [Cu; Ni; Pb; Zn; human colonization]
- (2502) HSIAO, S.-H.; FANG, T.-H.; HWANG, J.-S. The bioconcentration of trace metals in dominant copepod species off the northern Taiwan coast. *Crustaceana*, 79(4), 459-474, 2006. [Cd; Cr; Cu; Fe; Mn; Pb; Zn]
- (2503) JIANG, G.-B.; SHI, J.-B.; FENG, X.-B. Mercury pollution in China. *Environmental Science and Technology*, 40(12), 3673-3678, 2006. [Hg; methylmercury]
- (2504) JINGCHUN, L.; CHONGLING, Y.; MACNAIR, M.R.; JUN, H.; YUHONG, L. Distribution and speciation of some metals in mangrove sediments from Jiulong River Estuary, People's Republic of China. *Bulletin of Environmental Contamination and Toxicology*, 76(5), 815-822, 2006. [Cd; Cu; Fe; Mn; Ni; Pb; Zn]
- (2505) KADAR, E.; COSTA, V. First report on the micro-essential metal concentrations in bivalve shells from deep-sea hydrothermal vents. *Journal of Sea Research*, 56(1), 37-44, 2006. [Cu; Fe; Zn]

- (2506) KADAR, E.; COSTA, V.; SANTOS, R.S.; POWELL, J.J. Tissue partitioning of micro-essential metals in the vent bivalve *Bathymodiolus azoricus* and associated organisms (endosymbiont bacteria and a parasite polychaete) from geochemically distinct vents of the Mid-Atlantic Ridge. *Journal of Sea Research*, 56(1), 45-52, 2006. [Cu; Fe; Zn]
- (2507) KHALED, A.; EL NEMR, A.; EL SIKAILY, A. As assessment of heavy-metal contamination in surface sediments of the Suez Gulf using geoaccumulation indexes and statistical analysis. *Chemistry and Ecology*, 22(3), 239-252, 2006. [Cd; Co; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (2508) KONTAS, A. Mercury in the Izmir Bay: an assessment of contamination. *Journal of Marine Systems*, 61(1/2), 67-78, 2006. [Hg]
- (2509) KOUTSOGIANNAKI, S.; EVANGELINOS, N.; KOLIAKOS, G.; KALOYIANNI, M. Cytotoxic mechanisms of Zn<sup>2+</sup> and Cd<sup>2+</sup> involve Na<sup>+</sup>/H<sup>+</sup> exchanger (NHE) activation by ROS. *Aquatic Toxicology*, 78(4), 315-324, 2006. [Cd; Zn]
- (2510) LANNIG, G.; CHERKASOV, A.S.; SOKOLOVA, I.M. Temperature-dependent effects of cadmium on mitochondrial and whole-organism bioenergetics of oysters (*Crassostrea virginica*). *Marine Environmental Research*, 62(Supplement), S79-S82, 2006. [Cd]
- (2511) LOEHR, L.C.; BEEGLE-KRAUSE, C.-J.; GEORGE, K.; MCGEE, C.D.; MEARNES, A.J.; ATKINSON, M.J. The significance of dilution in evaluating possible impacts of wastewater discharges from large cruise ships. *Marine Pollution Bulletin*, 52(6), 681-688, 2006. [Sewage; black water; grey water]
- (2512) LOPEZ-GONZALEZ, N.; BORREGO, J.; MORALES, J.A.; CARRO, B.; LOZANO-SORIA, O. Metal fractionation in oxic sediments of an estuary affected by acid mine drainage (south-western Spain). *Estuarine, Coastal and Shelf Science*, 68(1/2), 297-304, 2006. [As; Cd; Cu; Fe; Pb; Zn]
- (2513) MALEA, P.; RIJSTENBIL, J.W.; HARITONIDIS, S. Effects of cadmium, zinc and nitrogen status on non-protein thiols in the macroalgae *Enteromorpha* spp. from the Scheldt Estuary (SW Netherlands, Belgium) and Thermaikos Gulf (N Aegean Sea, Greece). *Marine Environmental Research*, 62(1), 45-60, 2006. [Cd; Zn; nutrients]
- (2514) MANYIN, T.; ROWE, C.L. Chronic exposure of *Leptocheirus plumulosus* to Baltimore Harbor sediment: bioenergetic and population-level effects. *Marine Environmental Research*, 62(2), 116-130, 2006. [PAHs; PCBs; As; Cd; Cu; Hg; Ni; Pb; Zn]
- (2515) MIL-HOMENS, M.; STEVENS, R.L.; ABRANTES, F.; CATO, I. Heavy metal assessment for surface sediments from three areas of the Portuguese continental shelf. *Continental Shelf Research*, 26(10), 1184-1205, 2006. [Al; Cr; Cu; Fe; Li; Ni; Pb; Sc; Zn]
- (2516) MYERS, J.H.; DUDA, S.; GUNTHORPE, L.; ALLINSON, G. Assessing the performance of *Hormosira banksii* (Turner) Desicaine germination and growth assay using four reference toxicants. *Ecotoxicology and Environmental Safety*, 64(3), 304-311, 2006. [Ammonia; phenol; Cu; Zn]
- (2517) NEGRI, A.; BURNS, K.; BOYLE, S.; BRINKMAN, D.; WEBSTER, N. Contamination in sediments, bivalves and sponges of McMurdo Sound, Antarctica. *Environmental Pollution*, 143(3), 456-467, 2006. [As; Cd; Cu; Hg; Pb; Zn; PAH; total hydrocarbons; n-alkanes; oil; PCBs]
- (2518) PETROV, A.N.; NEVROVA, E.L.; MALAKHOVA, L.V. Multivariate analysis of benthic diatoms distribution across the multidimensional space of the environmental factors gradient in Sevastopol Bay (the Black Sea, Crimea). [In Russian with English summary]. *Marine Ecological Journal*, 4(3), 65-77, 2005. [Cd; Mn; Zn; PCBs; oil]

- (2519) POHL, C.; LOFFLER, A.; SCHMIDT, M.; SEIFERT, T. A trace metal (Pb, Cd, Zn, Cu) balance for surface waters in the eastern Gotland Basin, Baltic Sea. *Journal of Marine Systems*, 60(3/4), 381-395, 2006.
- (2520) PREGO, R.; COTTE, M.-H.; COBELO-GARCIA, A.; MARTIN, J.-M. Trace metals in the water column of the Vigo Ria: offshore exchange in mid-winter conditions. *Estuarine, Coastal and Shelf Science*, 68(1/2), 289-296, 2006. [Cd; Cu; Fe; Ni; Pb; Zn]
- (2521) RAYBUSHKO, V.I.; KOZINCEV, A.F.; KOSTOVA, S.K.; PARCHEVSKAYA, V.K. Mercury concentration in the seawater, bottom sediments and mussel *Mytilus galloprovincialis* Lam. on the Crimean shelf (the Black Sea). [In Russian with English summary]. *Marine Ecological Journal*, 4(3), 79-87, 2005. [Hg]
- (2522) ROLING, J.A.; BALDWIN, W.S. Alterations in hepatic gene expression by trivalent chromium in *Fundulus heteroclitus*. *Marine Environmental Research*, 62(Supplement), S122-S127, 2006. [Cr]
- (2523) SALAS, F.; MARCOS, C.; NETO, J.M.; PATRICIO, J.; PEREZ-RUZAF, A.; MARQUES, J.C. User-friendly guide for using benthic ecological indicators in coastal and marine quality assessment. *Ocean and Coastal Management*, 49(5/6), 308-331, 2006.
- (2524) SHEADER, D.L.; WILLIAMS, T.D.; LYONS, B.P.; CHIPMAN J.K. Oxidative stress response of European flounder (*Platichthys flesus*) to cadmium determined by a custom cDNA microarray. *Marine Environmental Research*, 62(1), 33-44, 2006. [Cd]
- (2525) SHIMASAKI, Y.; OSHIMA, Y.; INOUE, S.; INOUE, Y.; KANG, I.J.; NAKAYAMA, K.; IMOTO, H.; HONJO, T. Effect of tributyltin on reproduction in Japanese whiting, *Sillago japonica*. *Marine Environmental Research*, 62(Supplement), S245-S248, 2006. [TBT]
- (2526) SMITH, A.J.; THAIN, J.E.; BARRY, J. Exploring the use of caged *Nucella lapillus* to monitor changes to TBT hotspot areas: a trial in the River Tyne estuary (UK). *Marine Environmental Research*, 62(2), 149-163, 2006. [Imposex; tributyltin; dibutyltin]
- (2527) SMITH, J.; SHACKLEY, S.E. Effects of the closure of a major sewage outfall on sublittoral, soft sediment benthic communities. *Marine Pollution Bulletin*, 52(6), 645-658, 2006. [Inner Swansea Bay; sewage discharge from Mumbles Head]
- (2528) TRANCHINA, L.; BRAI, M.; D'AGOSTINO, F.; BARTOLOTTA, A.; RIZZO, G. Trace metals in "Posidonia oceanica" seagrass from south-eastern Sicily. *Chemistry and Ecology*, 21(2), 109-118, 2005. [Cd; Cu; Pb; Zn]
- (2529) TSYTSUGINA, V.G.; POLIKARPOV, G.G. An assessment of expected reduction of crustacean populations adaptive possibilities at different levels of deleterious action. [In Russian with English summary]. *Marine Ecological Journal*, 5(1), 92-98, 2006. [<sup>137</sup>Cs; <sup>90</sup>Sr; Pb]
- (2530) TURNER, A.; BISHOP, E. Processing of the chemical components of estuarine sediment by the lugworm, *Arenicola marina*. *Estuarine, Coastal and Shelf Science*, 68(1/2), 86-92, 2006. [Plym Estuary; As; Cd; Co; Cr; Cu; Mn; Ni; Pb; Zn]
- (2531) VOEGBORLO, R.B.; MATSUYAMA, A.; AKAGI, H.; ADIMADO, A.A.; EPHRAIM, J.H. Total mercury and methylmercury accumulation in the muscle tissue of frigate (*Thunnus albacares*) tuna from the Gulf of Guinea, Ghana. *Bulletin of Environmental Contamination and Toxicology*, 76(5), 840-847, 2006. [Hg]

(2532) WANG, W.-N.; WANG, A.-L.; ZHANG, Y.J. Effect of dietary higher level of selenium and nitrite concentration on the cellular defense response of *Penaeus vannamei*. *Aquaculture*, 256(1-4), 558-563, 2006.

(2533) WANG, X.; QIU, H.; CAI, Z.; CHEN, L.; ZHENG, S.; HUANG, Z. The research on the adsorption effect on metal ions by immobilized marine algae. *Acta Oceanologica Sinica*, 25(2), 153-158, 2006. [Desorption; Cd; Cu]

(2534) ZBIKOWSKI, R.; SZEFER, P.; LATALA, A. Distribution and relationships between selected chemical elements in green alga *Enteromorpha* sp. from the southern Baltic. *Environmental Pollution*, 143(3), 435-448, 2006. [Cd; Cu; Mn; Ni; Pb; Zn]

(2535) ZHONG, H.; WANG, W.-X. Metal-solid interactions controlling the bioavailability of mercury from sediments to clams and sipunculans. *Environmental Science and Technology*, 40(12), 3794-3799, 2006. [Hg; methylmercury]

## Section 4: Radioactivity

- (2536) BROWMAN, H.I.; SKIFTESVIK, A.B.; KUHN, P. The relationship between ultraviolet and polarized light and growth rate in the early larval stages of turbot (*Scophthalmus maximus*), Atlantic cod (*Gadus morhua*) and Atlantic herring (*Clupea harengus*) reared in intensive culture conditions. *Aquaculture*, 256(1-4), 296-301, 2006. [UV; *Scophthalmus*]
- (2537) BUMA, A.G.J.; WRIGHT, S.W.; VAN DEN ENDEN, R.; VAN DE POLL, W.H.; DAVIDSON, A.T. PAR acclimation and UVBR-induced DNA damage in Antarctic marine microalgae. *Marine Ecology Progress Series*, 315, 33-42, 2006. [UV]
- (2538) BUSTAMANTE, P.; TEYSSIE, J.-L.; FOWLER, S.W.; WARNAU, M. Contrasting bioaccumulation and transport behaviour of two artificial radionuclides (<sup>241</sup>Am and <sup>134</sup>Cs) in cuttlefish eggshell. *Vie et Milieu*, 56(2), 153-156, 2006.
- (2539) EGOROV, V.N.; POLIKARPOV, G.G.; STOKOZOV, N.A.; MIRZOYEVA, N.Y. Estimation of <sup>90</sup>Sr and <sup>137</sup>Cs transfer from the Black Sea to the Mediterranean basin after the Chernobyl NPP accident. *Marine Ecological Journal*, 4(4), 33-41, 2005.
- (2540) HERNANDEZ, K.L.; QUINONES, R.A.; DANERI, G.; HELBLING, E.W. Effects of solar radiation on bacterioplankton production in the upwelling system off central-southern Chile. *Marine Ecology Progress Series*, 315, 19-31, 2006. [UV]
- (2541) JHA, A.N.; DOGRA, Y.; TURNER, A.; MILLWARD, G.E. Are low doses of tritium genotoxic to *Mytilus edulis*? *Marine Environmental Research*, 62(Supplement), S297-S300, 2006. [Comet assay]
- (2542) KAN, G.; MIAO, J.; SHI, C.; LI, G. Changes of proteins in the Antarctic ice microalga *Chlamydomonas* sp. cultured under UV-B radiation stress. *Acta Oceanologica Sinica*, 25(2), 135-141, 2006.
- (2543) KIM, Y.; CHO, S.; KANG, H.-D.; KIM, W.; LEE, H.-R.; DOH, S.-H.; KIM, K.; YUN, S.-G.; KIM, D.-S.; JEONG, G.Y. Radiocesium reaction with illite and organic matter in marine sediment. *Marine Pollution Bulletin*, 52(6), 659-665, 2006. [<sup>137</sup>Cs]
- (2544) POLIKARPOV, G.G. Radiation protection of biosphere, including *Homo sapiens*: principles selection and search for solution. [In Russian with English summary]. *Marine Ecological Journal*, 5(1), 16-34, 2006.
- (2545) ROLEDA, M.Y. Effects of ultraviolet radiation on early life stages of cold temperate and Arctic macroalgae: implications for recruitment and vertical depth distribution. *Berichte zur Polar und Meeresforschung*, 526, xv, 158p., 2006. [UV; thesis; University of Bremen] Available at: <http://www.awi-bremerhaven.de/Library>.
- (2546) ROLEDA, M.Y.; HANELT, D.; WIENCKE, C. Growth kinetics related to physiological parameters in young *Saccorhiza dermatodea* and *Alaria esculenta* sporophytes exposed to UV radiation. *Polar Biology*, 28, 539-549, 2005. Available at: <http://www.awi-bremerhaven.de/Library>.
- (2547) ROLEDA, M.Y.; WIENCKE, C.; HANELT, D. Thallus morphology and optical characteristics affect growth and DNA damage by UV radiation in juvenile Arctic *Laminaria* sporophytes. *Planta*, 223, 407-417, 2006. Available at: <http://www.awi-bremerhaven.de/Library>.



(2548) ROLEDA, M.Y.; WIENCKE, C.; HANELT, D.; VAN DE POLL, W.H.; GRUBER, A. Sensitivity of Laminariales zoospores from Helgoland (North Sea) to ultraviolet and photosynthetically active radiation: implications for depth distribution and seasonal reproduction. *Plant, Cell and Environment*, 28, 466-479, 2005. [UV] Available at: <http://www.awi-bremerhaven.de/Library>.

(2549) TSYTSUGINA, V.G.; POLIKARPOV, G.G. An assessment of expected reduction of crustacean populations adaptive possibilities at different levels of deleterious action. [In Russian with English summary]. *Marine Ecological Journal*, 5(1), 92-98, 2006. [137Cs; 90Sr; Pb]

(2550) ZHENG, J.; YAMADA, M. Plutonium isotopes in settling particles: transport and scavenging of Pu in the western Northwest Pacific. *Environmental Science and Technology*, 40(13), 4103-4108, 2006. [239+240Pu]

## Section 5: Other Chemicals

- (2551) ABREU, P.C.; COSTA, C.S.B.; BEMVENUTI, C.; ODEBRECHT, C.; GRANELI, W.; ANESIO, A.M. Eutrophication processes and trophic interactions in a shallow estuary: preliminary results based on stable isotope analysis ( $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$ ). *Estuaries and Coasts*, 29(2), 277-285, 2006. [Sewage; industrial effluent; nutrients]
- (2552) ALVAREZ-ROGEL, J.; JIMENEZ-CARCELES, F.J.; NICOLAS, C.E. Phosphorus and nitrogen content in the water of a coastal wetland in the Mar Menor lagoon (SE Spain): relationships with effluents from urban and agricultural areas. *Water, Air, and Soil Pollution*, 173(1-4), 21-38, 2006. [Eutrophication; nutrients]
- (2553) ANDERSEN, J.H.; SCHLUTER, L.; AERTEBJERG, G. Coastal eutrophication: recent developments in definitions and implications for monitoring strategies. *Journal of Plankton Research*, 28(7), 621-628, 2006. [Nutrients]
- (2554) ANDERSON, S.L.; CHERR, G.N.; MORGAN, S.G.; VINES, C.A.; HIGASHI, R.M.; BENNETT, W.A.; ROSE, W.L.; BROOKS, A.J.; NISBET, R.M. Integrating contaminant responses in indicator saltmarsh species. *Marine Environmental Research*, 62(Supplement), S317-S321, 2006. [Endocrine disruption]
- (2555) ARANDACIREROL, N.; HERRERA-SILVEIRA, J.A.; COMIN, F.A. Nutrient water quality in a tropical coastal zone with groundwater discharge, northwest Yucatan, Mexico. *Estuarine, Coastal and Shelf Science*, 68(3/4), 445-454, 2006. [Nitrate contamination; eutrophication]
- (2556) ATKINSON, L.P.; HUTHNANCE, J.; BLANCO, J.L. Circulation, mixing and the distribution of remineralized nutrients. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes*. p.227-267. Cambridge: Harvard University Press, 2005.
- (2557) BARBIERI, E. Efeito do LAS-C12 (dodecil benzeno sulfonato de sodio) sobre alguns parametros do comportamento da Tainha (*Mugil platanus*). *Atlantica*, 27(1), 49-57, 2005. [Linear alkylbenzene sulphonate]
- (2558) BOOIJ, K.; SMEDES, F.; VAN WEERLEE, E.M.; HONKOOOP, P.J.C. Environmental monitoring of hydrophobic organic contaminants: the case of mussels versus semipermeable membrane devices. *Environmental Science and Technology*, 40(12), 3893-3900, 2006. [Phenanthrene; PCB-4; PCB-29; chrysene; PCB-155; PCB-204; SPMD]
- (2559) BUCALOSSI, D.; LEONZIO, C.; CASINI, S.; FOSSI, M.C.; MARSILI, L.; ANCORA, S.; WANG, W.; SCALI, M. Application of a suite of biomarkers in *Posidonia oceanica* (L.) delile to assess the ecotoxicological impact on the coastal environment. *Marine Environmental Research*, 62(Supplement), S327-S331, 2006.
- (2560) BURONE, L.; SARAIVA, E. DE S.B. DA G.; VALENTE, P.; PIRES-VANIN, A.M.S. A chemical analysis of sediment pore water in oxygen-free atmosphere: application to a contaminated area. *Brazilian Journal of Oceanography*, 53(1/2), 69-74, 2005. [Ammonium]
- (2561) CARBERY, K.; OWEN, R.; FRICKERS, T.; OTERO, E.; READMAN, J. Contamination of Caribbean coastal waters by the antifouling herbicide Irgarol 1051. *Marine Pollution Bulletin*, 52(6), 635-644, 2006.

- (2562) CHEUNG, V.V.; DEPLEDGE, M.H.; JHA, A.N. An evaluation of the relative sensitivity of two marine bivalve mollusc species using the Comet assay. *Marine Environmental Research*, 62(Supplement), S301-S305, 2006. [Hydrogen peroxide]
- (2563) CHEUNG, V.V.; JHA, A.; OWEN, R.; DEPLEDGE, M.H.; GALLOWAY, T.S. Development of the in vivo chromosome aberration assay in oyster (*Crassostrea gigas*) embryo-larvae for genotoxicity assessment. *Marine Environmental Research*, 62(Supplement), S278-S282, 2006. [Methylmethanesulphonate (MMS); benzo(a)pyrene]
- (2564) CLEDON, M.; THEOBALD, N.; GERWINSKI, W.; PENCHASZADEH, P.E. Imposex and organotin compounds in marine gastropods and sediments from the Mar del Plata coast, Argentina. *Journal of the Marine Biological Association of the United Kingdom*, 86(4), 751-755, 2006. [TBT; dibutyltin; monobutyltin; diphenyltin]
- (2565) COAT, S.; BOCQUENE, G.; GODARD, E. Contamination of some aquatic species with the organochlorine pesticide chlordecone in Martinique. *Aquatic Living Resources*, 19(2), 181-187, 2006.
- (2566) CORENA, M.P.; VAN DEN HURK, P.; ZHONG, H.; BROCK, C.; MOWERY, R.; JOHNSON, J.V.; LINSER, P.J. Degradation and effects of the potential mosquito larvicides methazolamide and acetazolamide in sheepshead minnow (*Cyprinodon variegatus*). *Ecotoxicology and Environmental Safety*, 64(3), 369-376, 2006.
- (2567) COVACI, A.; GERECKE, A.C.; LAW, R.J.; VOORSPOELS, S.; KOHLER, M.; HEEB, N.V.; LESLIE, H.; ALLCHIN, C.R.; DE BOER, J. Hexabromocyclododecanes (HBCDs) in the environment and humans: a review. *Environmental Science and Technology*, 40(12), 3679-3688, 2006. [Flame retardants]
- (2568) DALSGAARD, T.; KRAUSE-JENSEN, D. Monitoring nutrient release from fish farms with macroalgal and phytoplankton bioassays. *Aquaculture*, 256(1-4), 302-310, 2006. [Eutrophication]
- (2569) DELAUNE, R.D.; JUGSUJINDA, A.; DEVAL, I.; HOU, A.X. Denitrification in bottom sediment near oil production facilities off the Louisiana Gulf Coast. *Chemistry and Ecology*, 21(2), 101-108, 2005. [Nutrient loading; denitrification rates correlated with organic matter content]
- (2570) DENTON, G.R.W.; BEARDEN, B.G.; CONCEPCION, L.P.; WOOD, H.R.; MORRISON, R.J. Contaminant assessment of surface sediments from Tanapag Lagoon, Saipan, Commonwealth of the Northern Mariana Islands. *Marine Pollution Bulletin*, 52(6), 703-710, 2006. [PAHs; PCBs; Ag; As; Cd; Cr; Cu; Hg; Ni; Pb; Sn; Zn]
- (2571) DENTON, G.R.W.; CONCEPCION, L.P.; WOOD, H.R.; MORRISON, R.J. Polychlorinated biphenyls (PCBs) in sediments of four harbours in Guam. *Marine Pollution Bulletin*, 52(6), 710-718, 2006. [PCBs]
- (2572) DUBOIS, S.; COMMITO, J.A.; OLIVIER, F.; RETIERE, C. Effects of epibionts on *Sabellaria alveolata* (L.) biogenic reefs and their associated fauna in the Bay of Mont Saint-Michel. *Estuarine, Coastal and Shelf Science*, 68(3/4), 635-646, 2006. [Effect of colonisation by oysters and *Ulva*; nutrient load]
- (2573) DUCKLOW, H.W.; MCCALLISTER, S.L. The biogeochemistry of carbon dioxide in the coastal oceans. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes*. p.269-315. Cambridge: Harvard University Press, 2005. [CO<sub>2</sub>]

- (2574) ELLEGAARD, M.; CLARKE, A.L.; REUSS, N.; DREW, S.; WECKSTROM, K.; JUGGINS, S.; ANDERSON, N.J.; CONLEY, D.J. Multi-proxy evidence of long-term changes in ecosystem structure in a Danish marine estuary, linked to increased nutrient loading. *Estuarine, Coastal and Shelf Science*, 68(3/4), 567-578, 2006. [Anoxia; eutrophication]
- (2575) EPEL, D.; COLE, B.; HAMDOUN, A.; THURBER, R.V. The sea urchin embryo as a model for studying efflux transporters: roles and energy cost. *Marine Environmental Research*, 62(Supplement), S1-S4, 2006. [Vinblastine]
- (2576) FARRINGTON, J.W. The biogeochemistry of organic chemicals of environmental concern in the coastal oceans. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes*. p.555-640. Cambridge: Harvard University Press, 2005.
- (2577) FERNANDEZ, M.A.; LIMAVERDE, A.M.; SCOFIELD, A. DE L.; WAGENER, A. DE L.R. Preliminary evaluation of human health risks from ingestion of organotin contaminated seafood in Brazil. *Brazilian Journal of Oceanography*, 53(1/2), 75-77, 2005. [TBT; triphenyltin]
- (2578) FINENKO, Z.Z.; CHURILOVA, T.YA.; LI, R.I. Vertical distribution of chlorophyll and fluorescence in the Black Sea. [In Russian with English summary]. *Marine Ecological Journal*, 4(1), 15-45, 2005. [Eutrophication; nutrients]
- (2579) FISHELSON, L. Community structure and fish and invertebrate biodiversity in marine ecosystems: the consequences of our actions. *Boletim do Museu Municipal do Funchal*, Supplement 6, 331-348, 2001.
- (2580) FOSSI, M.C.; MARSILI, L.; CASINI, S.; BUCALOSSI, D. Development of new-tools to investigate toxicological hazard due to endocrine disruptor organochlorines and emerging contaminants in Mediterranean cetaceans. *Marine Environmental Research*, 62(Supplement), S200-S204, 2006. [Brominated flame retardants; mixture of 27 PBDEs; Arochlor 1260; DDT; DDE]
- (2581) GAGNE, F.; BLAISE, C.; PELLERIN, J.; PELLETIER, J.; STRAND, J. Health status of *Mya arenaria* bivalves collected from contaminated sites in Canada (Saguenay Fjord) and Denmark (Odense Fjord) during their reproductive period. *Ecotoxicology and Environmental Safety*, 64(3), 348-361, 2006. [Ag; Al; As; Ba; Cd; Co; Cr; Cu; Fe; Ga; Hg; La; Li; Mn; Mo; Ni; Pb; Se; Sn; Sr; U; V; Zn; TBT; monobutyltin; dibutyltin; metallothionein]
- (2582) GARAVENTA, F.; FAIMALI, M.; TERLIZZI, A. Imposex in pre-pollution times. Is TBT to blame? *Marine Pollution Bulletin*, 52(6), 696-718, 2006.
- (2583) GENNARO, P.; GUIDOTTI, M.; FUNARI, E.; PORRELLO, S.; LENZI, M. Reduction of land based fish-farming impact by phytotreatment pond system in a marginal lagoon area. *Aquaculture*, 256(1-4), 246-254, 2006. [Nutrient abatement; nitrogen; phosphorus; *Ulva rigida*]
- (2584) GIANESELLA, S.M.F.; SALDANHA-CORREA, F.M.P.; DE MIRANDA, L.B.; CORREA, M.A.; MOSER, G.A.O. Short-term variability and transport of nutrients and chlorophyll-A in Bertioga Channel, Sao Paulo State, Brazil. *Brazilian Journal of Oceanography*, 53(3/4), 99-114, 2005. [Pollutant dispersal; nutrients]
- (2585) GLIBERT, P.M.; HEIL, C.A.; O'NEIL, J.M.; DENNISON, W.C.; O'DONOHUE, M.J.H. Nitrogen, phosphorus, silica, and carbon in Moreton Bay, Queensland, Australia: differential limitation of phytoplankton biomass and production. *Estuaries and Coasts*, 29(2), 209-221, 2006. [Eutrophication; nutrient loading]

- (2586) GOBLER, C.J.; BUCK, N.J.; SIERACKI, M.E.; SANUDO-WILHELMY, S.A. Nitrogen and silicon limitation of phytoplankton communities across an urban estuary: the East River-Long Island Sound system. *Estuarine, Coastal and Shelf Science*, 68(1/2), 127-138, 2006. [Eutrophication; nutrient loading]
- (2587) GOEBEL, N.L.; KREMER, J.N.; EDWARDS, C.A. Primary production in Long Island Sound. *Estuaries and Coasts*, 29(2), 232-245, 2006. [Eutrophication; nitrogen loads; nutrients]
- (2588) GRAY, D.K.; DUGGAN, I.C.; MACISAAC, H.J. Can sodium hypochlorite reduce the risk of species introductions from diapausing invertebrate eggs in non-ballasted ships? *Marine Pollution Bulletin*, 52(6), 689-695, 2006.
- (2589) GULKOWSKA, A.; JIANG, Q.; SO, M.K.; TANIYASU, S.; LAM, P.K.S.; YAMASHITA, N. Persistent perfluorinated acids in seafood collected from two cities of China. *Environmental Science and Technology*, 40(12), 3736-3741, 2006. [PFOS; PFOA; PFCs]
- (2590) HOUDE, M.; BUJAS, T.A.D.; SMALL, J.; BOSSART, G.D.; SOLOMON, K.R.; MUIR, D.C.G. Biomagnification of perfluoroalkyl compounds in the bottlenose dolphin (*Tursiops truncatus*) food web. *Environmental Science and Technology*, 40(13), 4138-4144, 2006. [PFCs; PFOS; PFCAs; perfluorooctane sulphonate; C8 to C14 perfluorinated carboxylates]
- (2591) HU, Z.; WU, Y.R.; LIN, B.K.; MASKAOUI, K.; ZHUANG, D.H.; ZHENG, T.L. Isolation and characterization of two phenol-degrading yeast strains from marine sediment. *Bulletin of Environmental Contamination and Toxicology*, 76(6), 899-906, 2006.
- (2592) JONKER, M.T.O.; BARENDREGT, A. Oil is a sedimentary supersorbent for polychlorinated biphenyls. *Environmental Science and Technology*, 40(12), 3829-3835, 2006. [PCBs]
- (2593) KAHN, A.E.; DURAKO, M.J. *Thalassia testudinum* seedling responses to changes in salinity and nitrogen levels. *Journal of Experimental Marine Biology and Ecology*, 335(1), 1-12, 2006. [Ammonium; nutrients]
- (2594) KAISER, M.J.; HALL, S.J.; THOMAS, D.N. Habitat modification. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes.* p.927-970. Cambridge: Harvard University Press, 2005. [Land use; nutrients; damming of rivers; aquaculture; fishing]
- (2595) KASTE, O.; WRIGHT, R.F.; BARKVED, L.J.; BJERKENG, B.; ENGEN-SKAUGEN, T.; MAGNUSSON, J.; SAELTHUN, N.R. Linked models to assess the impacts of climate change on nitrogen in a Norwegian river basin and fjord system. *Science of the Total Environment*, 365(1-3), 200-222, 2006. [Eutrophication; acidification]
- (2596) KETCHESON, K.; HRADECKY, K.; GAGNE, M.; ST-AMANT-VERRET, M. Selection of bioaccumulation criteria for Environmental Emergency (E2) Planning. In: Canada. Environment Canada. *Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2.* p.577-586. Ottawa: Environment Canada, 2006.
- (2597) KHAN, I.A.; THOMAS, P. PCB congener-specific disruption of reproductive neuroendocrine function in Atlantic croaker. *Marine Environmental Research*, 62(Supplement), S25-S28, 2006.
- (2598) KHOO, H.H.; TAN, R.B.H. Life cycle investigation of CO<sub>2</sub> recovery and sequestration. *Environmental Science and Technology*, 40(12), 4016-4024, 2006.

- (2599) KIIRIKKI, M.; LEHTORANTA, J.; INKALA, A.; PITKANEN, H.; HEITANEN, S.; HALL, P.O.J.; TENGBERG, A.; KOPONEN, J.; SARKKULA, J. A simple sediment process description suitable for 3D-ecosystem modelling - development and testing in the Gulf of Finland. *Journal of Marine Systems*, 61(1/2), 55-66, 2006. [Phosphorus loading; nutrients]
- (2600) KIKKAWA, T.; SATO, T.; KITA, J.; ISHIMATSU, A. Acute toxicity of temporally varying seawater CO<sub>2</sub> conditions on juveniles of Japanese sillago (*Sillago japonica*). *Marine Pollution Bulletin*, 52(6), 621-625, 2006. [Ocean storage]
- (2601) KIM, I.-Y.; HYUN, C.-K. Comparative evaluation of the alkaline comet assay with the micronucleus test for genotoxicity monitoring using aquatic organisms. *Ecotoxicology and Environmental Safety*, 64(3), 288-297, 2006. [Benzo(a)pyrene; PAH; N-methyl-N'-nitro-N-nitrosoguanidine (MNNG)]
- (2602) KIRKPATRICK, A.J.; GERHARDT, A.; DICK, J.T.A.; MCKENNA, M.; BERGES, J.A. Use of the multispecies freshwater biomonitor to assess behavioral changes of *Corophium volutator* (Pallas, 1766) (Crustacea, Amphipoda) in response to toxicant exposure in sediment. *Ecotoxicology and Environmental Safety*, 64(3), 298-303, 2006. [Bioban; biocide]
- (2603) KORSGAARD, B. Effects of the model androgen methyltestosterone on vitellogenin in male and female eelpout, *Zoarces viviparus* (L). *Marine Environmental Research*, 62(Supplement), S205-S210, 2006.
- (2604) KUFTARKOVA, E.A.; GUBANOV, V.I.; KOVRIGINA, N.P.; EREMIN, I.Y.; SENICHEVA, M.I. Ecological assessment of modern state of waters in the region of interaction of the Sevastopol bay and part of the sea contiguous to it. [In Russian with English summary]. *Marine Ecological Journal*, 5(1), 72-91, 2006. [Eutrophication; nutrients; organic nitrogen]
- (2605) LEARMONTH, J.A.; MACLEOD, C.D.; SANTOS, M.B.; PIERCE, G.J.; CRICK, H.Q.P.; ROBINSON, R.A. Potential effects of climate change on marine mammals. *Oceanography and Marine Biology. Annual Review*, 44, 431-464, 2006. [Including increased susceptibility to disease, contaminants and other stressors; changes in CO<sub>2</sub> and pH]
- (2606) LEE, Y.-M.; PARK, T.-J.; JUNG, S.-O.; SEO, J.S.; PARK, H.G.; HAGIWARA, A.; YOON, Y.-D.; LEE, J.-S. Cloning and characterization of glutathione S-transferase gene in the intertidal copepod *Tigriopus japonicus* and its expression after exposure to endocrine-disrupting chemicals. *Marine Environmental Research*, 62(Supplement), S219-S223, 2006. [4,4'-octylphenol; PCB]
- (2607) LEPISTO, A.; GRANLUND, K.; KORTELAJAINEN, P.; RAIKE, A. Nitrogen in river basins: sources retention in the surface waters and peatlands, and fluxes to estuaries in Finland. *Science of the Total Environment*, 365(1-3), 238-259, 2006.
- (2608) LIN, H.-J.; DAI, X.-X.; SHAO, K.-T.; SU, H.-M.; LO, W.-T.; HSIEH, H.-L.; FANG, L.-S.; HUNG, J.-J. Trophic structure and functioning in a eutrophic and poorly flushed lagoon in southwestern Taiwan. *Marine Environmental Research*, 62(1), 61-82, 2006. [Nutrient loading]
- (2609) LOEHR, L.C.; BEEGLE-KRAUSE, C.-J.; GEORGE, K.; MCGEE, C.D.; MEARN, A.J.; ATKINSON, M.J. The significance of dilution in evaluating possible impacts of wastewater discharges from large cruise ships. *Marine Pollution Bulletin*, 52(6), 681-688, 2006. [Sewage; black water; grey water]
- (2610) LOTZE, H.K.; LENIHAN, H.S.; BOURQUE, B.J.; BRADBURY, R.H.; COOKE, R.G.; KAY, M.C.; KIDWELL, S.M.; KIRBY, M.X.; PETERSON, C.H.; JACKSON, J.B.C. Depletion, degradation, and recovery potential of estuaries and coastal seas. *Science*, 312(5781), 1806-1809, 2006. [Historical baselines]

- (2611) MALEA, P.; RIJSTENBIL, J.W.; HARITONIDIS, S. Effects of cadmium, zinc and nitrogen status on non-protein thiols in the macroalgae *Enteromorpha* spp. from the Scheldt Estuary (SW Netherlands, Belgium) and Thermaikos Gulf (N Aegean Sea, Greece). *Marine Environmental Research*, 62(1), 45-60, 2006. [Cd; Zn; nutrients]
- (2612) MANYIN, T.; ROWE, C.L. Chronic exposure of *Leptocheirus plumulosus* to Baltimore Harbor sediment: bioenergetic and population-level effects. *Marine Environmental Research*, 62(2), 116-130, 2006. [PAHs; PCBs; As; Cd; Cu; Hg; Ni; Pb; Zn]
- (2613) MARONE, E.; MACHADO, E.C.; LOPES, R.M.; DA SILVA, E.T. Land-ocean fluxes in the Paranagua Bay estuarine system, southern Brazil. *Brazilian Journal of Oceanography*, 53(3/4), 169-181, 2005. [Anthropogenic impact; nutrients]
- (2614) MCDONAGH, B.; TYTHER, R.; SHEEHAN, D. Redox proteomics in the mussel, *Mytilus edulis*. *Marine Environmental Research*, 62(Supplement), S101-S104, 2006. [Samples from a clean site in Cork Harbour; exposure to hydrogen peroxide]
- (2615) MOSER, G.A.O.; GIANESSELLA, S.M.F.; ALBA, J.J.B.; BERGAMO, A.L.; SALDANHA-CORREA, F.M.P.; DE MIRANDA, L.B.; HARARI, J. Instantaneous transport of salt, nutrients, suspended matter and chlorophyll-a in the tropical estuarine system of Santos. *Brazilian Journal of Oceanography*, 53(3/4), 115-127, 2005. [Eutrophication]
- (2616) MOSSA, M. Field measurements and monitoring of wastewater discharge in sea water. *Estuarine, Coastal and Shelf Science*, 68(3/4), 509-514, 2006. [COD; ammonia; coliforms]
- (2617) MYERS, J.H.; DUDA, S.; GUNTORPE, L.; ALLINSON, G. Assessing the performance of *Hormosira banksii* (Turner) Desicaine germination and growth assay using four reference toxicants. *Ecotoxicology and Environmental Safety*, 64(3), 304-311, 2006. [Ammonia; phenol; Cu; Zn]
- (2618) NEGRI, A.; BURNS, K.; BOYLE, S.; BRINKMAN, D.; WEBSTER, N. Contamination in sediments, bivalves and sponges of McMurdo Sound, Antarctica. *Environmental Pollution*, 143(3), 456-467, 2006. [As; Cd; Cu; Hg; Pb; Zn; PAH; total hydrocarbons; n-alkanes; oil; PCBs]
- (2619) NIZZOLI, D.; WELSH, D.T.; FANO, E.A.; VIAROLI, P. Impact of clam and mussel farming on benthic metabolism and nitrogen cycling, with emphasis on nitrate reduction pathways. *Marine Ecology Progress Series*, 315, 151-165, 2006. [Nutrients]
- (2620) OIKARI, A. Caging techniques for field exposures of fish to chemical contaminants. *Aquatic Toxicology*, 78(4), 370-381, 2006. [Review]
- (2621) PETROV, A.N.; NEVROVA, E.L.; MALAKHOVA, L.V. Multivariate analysis of benthic diatoms distribution across the multidimensional space of the environmental factors gradient in Sevastopol Bay (the Black Sea, Crimea). [In Russian with English summary]. *Marine Ecological Journal*, 4(3), 65-77, 2005. [Cd; Mn; Zn; PCBs; oil]
- (2622) PLATT, T.; GEIDER, R.; SCIANDRA, A.; COPIN-MONTEGUT, C.; BOUMAN, H.A.; SATHYENDRANATH, S. Dynamics and interactions of autotrophs, light, nutrients and carbon dioxide. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes*. p.375-412. Cambridge: Harvard University Press, 2005. [Cultural eutrophication; nutrient loading; CO<sub>2</sub>]
- (2623) PRUELL, R.J.; TAPLIN, B.K.; LAKE, J.L.; JAYARAMAN, S. Nitrogen isotope ratios in estuarine biota collected along a nutrient gradient in Narragansett Bay, Rhode Island, USA. *Marine Pollution Bulletin*, 52(6), 612-620, 2006. [Eutrophication; baseline value]

- (2624) PUINEAN, A.-M.; ROTCHELL, J.M. Vitellogenin gene expression as a biomarker of endocrine disruption in the invertebrate, *Mytilus edulis*. *Marine Environmental Research*, 62(Supplement), S211-S214, 2006. [Specimens from Newhaven]
- (2625) PUJO-PAY, M.; CONAN, P.; JOUX, F.; ORIOL, L.; NAUDIN, J.J.; CAUWET, G. Impact of phytoplankton and bacterial production on nutrient and DOM uptake in the Rhone River plume (NW Mediterranean). *Marine Ecology Progress Series*, 315, 43-54, 2006.
- (2626) PUNIN CRESPO, M.O.; LAGE YUSTY, M.A. Comparison of supercritical fluid extraction and Soxhlet extraction for the determination of aliphatic hydrocarbons in seaweed samples. *Ecotoxicology and Environmental Safety*, 64(3), 400-405, 2006.
- (2627) RABALAIS, N.N. Eutrophication. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea*. Volume 13. The global coastal ocean: multiscale interdisciplinary processes. p.821-866. Cambridge: Harvard University Press, 2005. [Nutrients; hypoxia; anoxia; HAB]
- (2628) RAJAGOPAL, S.; VENUGOPALAN, V.P.; VAN DER VELDE, G.; JENNER, H.A. Reponse of mussel *Brachidontes variabilis* to chlorination. *Chemistry and Ecology*, 21(2), 119-132, 2005. [Chlorine; antifouling]
- (2629) RAVENTOS, N.; MACPHERSON, E.; GARCIA-RUBIES, A. Effect of brine discharge from a desalination plant on macrobenthic communities in the NW Mediterranean. *Marine Environmental Research*, 62(1), 1-14, 2006.
- (2630) RODRIGUES, P.; REIS-HENRIQUES, M.A.; CAMPOS, J.; SANTOS, M.M. Urogenital papilla feminization in male *Pomatoschistus minutus* from two estuaries in northwestern Iberian Peninsula. *Marine Environmental Research*, 62(Supplement), S258-S262, 2006.
- (2631) RUSSELL, M.J.; MONTAGNA, P.A.; KALKE, R.D. The effect of freshwater inflow on net ecosystem metabolism in Lavaca Bay, Texas. *Estuarine, Coastal and Shelf Science*, 68(1/2), 231-244, 2006. [Including anthropogenic modification; organic or nutrient enrichment]
- (2632) RYDBERG, L.; AERTEBJERG, G.; EDLER, L. Fifty years of primary production measurements in the Baltic entrance region, trends and variability in relation to land-based input of nutrients. *Journal of Sea Research*, 56(1), 1-16, 2006.
- (2633) SAMUELSEN, O.B. Pharmacokinetics of quinolones in fish: a review. *Aquaculture*, 255(1-4), 55-75, 2006.
- (2634) SARMIENTO, J.L.; GRUBER, N. Carbon cycle, CO<sub>2</sub>, and climate. p.392-457. Princeton: Princeton University Press, 2006. [Anthropogenic CO<sub>2</sub> uptake]
- (2635) SATO, T.; MIYAJIMA, T.; OGAWA, H.; UMEZAWA, Y.; KOIKE, I. Temporal variability of stable carbon and nitrogen isotopic composition of size-fractionated particulate organic matter in the hypertrophic Sumida River Estuary of Tokyo Bay, Japan. *Estuarine, Coastal and Shelf Science*, 68(1/2), 245-258, 2006. [Nutrients]
- (2636) SIIKAVUOPIO, S.I.; SAETHER, B.-S. Effects of chronic nitrite exposure on growth in juvenile Atlantic cod, *Gadus morhua*. *Aquaculture*, 255(1-4), 351-356, 2006.
- (2637) SMIRNOVA, L.L.; ANDREEVA, N.A.; ANTONOVA, L.S.; MISYURA, A.G.; GURICK, V.V. Microflora of military poisonous matter polluted marine sediments. [In Russian with English summary]. *Marine Ecological Journal*, 4(3), 88-93, 2005. [Beta-chlorine organic sulphides]



(2638) SMITH, J.; SHACKLEY, S.E. Effects of the closure of a major sewage outfall on sublittoral, soft sediment benthic communities. *Marine Pollution Bulletin*, 52(6), 645-658, 2006. [Inner Swansea Bay; sewage discharge from Mumbles Head]

(2639) SOLDATOV, A.A.; BOCHKO, O.Y.; GOLOVINA, I.V.; TSHERBAN, S.A.; VYALOVA, O.Y. Biochemical effects of polychlorinated biphenyls in organism of the Black Sea mollusk (*Mytilus galloprovincialis* Lam.). [In Russian with English summary]. *Marine Ecological Journal*, Special Issue No. 1, 105-112, 2005. [PCBs]

(2640) SOTO-RODRIGUEZ, S.; ARMENTA, M.; GOMEZ-GIL, B. Effects of enrofloxacin and florfenicol on survival and bacterial population in an experimental infection with luminescent *Vibrio campbellii* in shrimp larvae of *Litopenaeus vannamei*. *Aquaculture*, 255(1-4), 48-54, 2006.

(2641) STORELLI, M.M.; BARONE, G.; SANTAMARIA, N.; MARCOTRIGIANO, G.O. Residue levels of DDTs and toxic evaluation of polychlorinated biphenyls (PCBs) in *Scylliorhinus canicula* liver from the Mediterranean Sea (Italy). *Marine Pollution Bulletin*, 52(6), 696-700, 2006. [PCB 52; PCB 77; PCB 101; PCB 105; PCB 118; PCB 126; PCB 138; PCB 153; PCB 156; PCB 108]

(2642) TENBROOK, P.L.; KENDALL, S.M.; TJEERDEMA, R.S. Toxicokinetics and biotransformation of p-nitrophenol in white sturgeon (*Acipenser transmontanus*). *Ecotoxicology and Environmental Safety*, 64(3), 362-368, 2006.

(2643) TOLLEFSEN, K.-E.; FINNE, E.F.; ROMSTAD, R.; SANDBERG, C. Effluents from oil production activities contain chemicals that interfere with normal function of intra- and extra-cellular estrogen binding proteins. *Marine Environmental Research*, 62(Supplement), S191-S194, 2006. [Produced water; refinery effluent; alkylphenols; 4-tert-butylphenol]

(2644) TORRES, R.; ALLEN, J.I.; FIGUEIRAS, F.G. Sequential data assimilation in an upwelling influenced estuary. *Journal of Marine Systems*, 60(3/4), 317-329, 2006. [Ria de Vigo; nutrients]

(2645) TSYTSUGINA, V.G.; POLIKARPOV, G.G. An assessment of expected reduction of crustacean populations adaptive possibilities at different levels of deleterious action. [In Russian with English summary]. *Marine Ecological Journal*, 5(1), 92-98, 2006. [137Cs; 90Sr; Pb]

(2646) TUCHKOVENKO, Y.S.; DOCENKO, S.A.; DYATLOV, S.E.; NESTEROVA, D.A.; SKRIPNIK, I.A.; KIRSANOVA, E.V. Influence of hydrological conditions on variability of hydrochemical characteristics of waters in Odessa region in northwestern part of the Black Sea. [In Russian with English summary]. *Marine Ecological Journal*, 3(4), 75-86, 2004. [Eutrophication; hypoxia]

(2647) TURPIN, R. The evolution of the US Environmental Protection Agency's national approach to response: from the 1968 National Contingency Plan to the 2004 National Response Plan. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.547-550. Ottawa: Environment Canada, 2006.

(2648) TYLER, A.C.; MCGLATHERY, K.J. Uptake and release of nitrogen by the macroalgae *Gracilaria vermiculophylla* (Rhodophyta). *Journal of Phycology*, 42(3), 515-525, 2006. [Nutrient enrichment]

(2649) USHEVA, L.N.; VASCHENKO, M.A.; DURKINA, V.B. Histopathology of the digestive diverticula of the bivalve *Crenomytilus grayanus* (Dunker, 1853) from southwestern Peter the Great Bay (Sea of Japan). [In Russian with English summary]. *Biologiya Morya*, 32(3), 197-203, 2006. [DDT]

- (2650) UYAN, O.; KOSHIO, S.; TESHIMA, S.-I.; ISHIKAWA, M.; THU, M.; ALAM, M.S.; MICHAEL, F.R. Growth and phosphorus loading by partially replacing fishmeal with tuna muscle by-product powder in the diet of juvenile Japanese flounder, *Paralichthys olivaceus*. *Aquaculture*, 257(1-4), 437-445, 2006.
- (2651) VISSER, J.M.; SASSER, C.E.; CADE, B.S. The effect of multiple stressors on salt marsh end-of-season biomass. *Estuaries and Coasts*, 29(2), 328-339, 2006. [Nutrients; *Spartina alterniflora*]
- (2652) WANG, W.-N.; WANG, A.-L.; ZHANG, Y.J. Effect of dietary higher level of selenium and nitrite concentration on the cellular defense response of *Penaeus vannamei*. *Aquaculture*, 256(1-4), 558-563, 2006.
- (2653) WHITE, S.; RAKHESH, M.; SARMA, V.S.; RAJANNA, B.; RAMAN, A.V. Discriminating zooplankton assemblages through multivariate methods: a case for a tropical polluted harbour and Bar-built estuary. *Chemistry and Ecology*, 22(3), 225-237, 2006. [Eutrophication; nutrients; fertilizer-factory waste; domestic sewage]
- (2654) WHITTIER, N.; FRENCH MCCAY, D. Chemical spill modeling and spill hazard evaluation of the most frequently spilled chemicals. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 2. p.551-569. Ottawa: Environment Canada, 2006. [levoli Sun spill; English Channel; benzene; acrylonitrile]
- (2655) YAMAMOTO, A.; KAKUTANI, N.; YAMAMOTO, K.; KAMIURA, T.; MIYAKODA, H. Steroid hormone profiles of urban and tidal rivers using LC/MS/MS equipped with electrospray ionization and atmospheric pressure photoionization sources. *Environmental Science and Technology*, 40(13), 4132-4137, 2006.
- (2656) ZHANG, G.; ZHANG, J.; XU, J.; ZHANG, F. Distributions, sources and atmospheric fluxes of nitrous oxide in Jiaozhou Bay. *Estuarine, Coastal and Shelf Science*, 68(3/4), 557-566, 2006. [Anthropogenic impact; sewage effluent; industrial wastewater]
- (2657) ZINGONE, A.; WYATT, T. Harmful algal blooms: keys to the understanding of phytoplankton ecology. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea*. Volume 13. The global coastal ocean: multiscale interdisciplinary processes. p.867-926. Cambridge: Harvard University Press, 2005. [Eutrophication; nutrient loading]

## Section 6: Biological Wastes

- (2658) ABREU, P.C.; COSTA, C.S.B.; BEMVENUTI, C.; ODEBRECHT, C.; GRANELI, W.; ANESIO, A.M. Eutrophication processes and trophic interactions in a shallow estuary: preliminary results based on stable isotope analysis ( $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$ ). *Estuaries and Coasts*, 29(2), 277-285, 2006. [Sewage; industrial effluent; nutrients]
- (2659) DALSGAARD, T.; KRAUSE-JENSEN, D. Monitoring nutrient release from fish farms with macroalgal and phytoplankton bioassays. *Aquaculture*, 256(1-4), 302-310, 2006. [Eutrophication]
- (2660) DELAUNE, R.D.; JUGSUJINDA, A.; DEVAI, I.; HOU, A.X. Denitrification in bottom sediment near oil production facilities off the Louisiana Gulf Coast. *Chemistry and Ecology*, 21(2), 101-108, 2005. [Nutrient loading; denitrification rates correlated with organic matter content]
- (2661) FARRINGTON, J.W. The biogeochemistry of organic chemicals of environmental concern in the coastal oceans. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes*. p.555-640. Cambridge: Harvard University Press, 2005.
- (2662) KAISER, M.J.; HALL, S.J.; THOMAS, D.N. Habitat modification. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes*. p.927-970. Cambridge: Harvard University Press, 2005. [Land use; nutrients; damming of rivers; aquaculture; fishing]
- (2663) KILMINSTER, K.L.; WALKER, D.I.; THOMPSON, P.A.; RAVEN, J.A. Limited nutritional benefit to the seagrass *Halophila ovalis*, in culture, following sediment organic matter enrichment. *Estuarine, Coastal and Shelf Science*, 68(3/4), 675-685, 2006.
- (2664) KUFTARKOVA, E.A.; GUBANOV, V.I.; KOVRIGINA, N.P.; EREMIN, I.Y.; SENICHEVA, M.I. Ecological assessment of modern state of waters in the region of interaction of the Sevastopol bay and part of the sea contiguous to it. [In Russian with English summary]. *Marine Ecological Journal*, 5(1), 72-91, 2006. [Eutrophication; nutrients; organic nitrogen]
- (2665) LIMA DA COSTA, R.; CARREIRA, R.S. A comparison between faecal sterols and coliform counts in the investigation of sewage contamination in sediments. *Brazilian Journal of Oceanography*, 53(3/4), 157-167, 2005.
- (2666) LIN, H.-J.; DAI, X.-X.; SHAO, K.-T.; SU, H.-M.; LO, W.-T.; HSIEH, H.-L.; FANG, L.-S.; HUNG, J.-J. Trophic structure and functioning in a eutrophic and poorly flushed lagoon in southwestern Taiwan. *Marine Environmental Research*, 62(1), 61-82, 2006. [Nutrient loading]
- (2667) LOEHR, L.C.; BEEGLE-KRAUSE, C.-J.; GEORGE, K.; MCGEE, C.D.; MEARN, A.J.; ATKINSON, M.J. The significance of dilution in evaluating possible impacts of wastewater discharges from large cruise ships. *Marine Pollution Bulletin*, 52(6), 681-688, 2006. [Sewage; black water; grey water]
- (2668) LYSYKH, N.M. The taxonomic composition and quantitative development of the soft bottom meiobenthos under mariculture of *Mytilus galloprovincialis* Lam., 1819 (the Black Sea). [In Russian with English summary]. *Marine Ecological Journal, Special Issue No. 1*, 61-68, 2005. [No identified impact; nematode:copepod ratio]
- (2669) MALLET, A.L.; CARVER, C.E.; LANDRY, T. Impact of suspended and off-bottom Eastern oyster culture on the benthic environment in eastern Canada. *Aquaculture*, 255(1-4), 362-373, 2006. [Organic enrichment]

- (2670) MANTOVANI, S.; CASTALDELLI, G.; ROSSI, R.; FANO, E.A. The infaunal community in experimentally seeded low and high density Manila clam (*Tapes philippinarum*) beds in a Po River Delta lagoon (Italy). *ICES Journal of Marine Science*, 63(5), 860-866, 2006.
- (2671) MARTINS, C.C.; MONTONE, R.C.; GAMBA, R.C.; PELLIZARI, V.H. Sterols and fecal indicator microorganisms in sediments from Admiralty Bay, Antarctica. *Brazilian Journal of Oceanography*, 53(1/2), 1-12, 2005.
- (2672) MCLAUGHLIN, M.R.; ROSE, J.B. Application of *Bacteroides fragilis* Phage as an alternative indicator of sewage pollution in Tampa Bay, Florida. *Estuaries and Coasts*, 29(2), 246-256, 2006. [Faecal coliforms]
- (2673) MITCHELL, I.M. In situ biodeposition rates of Pacific oysters (*Crassostrea gigas*) on a marine farm in Southern Tasmania (Australia). *Aquaculture*, 257(1-4), 194-203, 2006.
- (2674) MOSSA, M. Field measurements and monitoring of wastewater discharge in sea water. *Estuarine, Coastal and Shelf Science*, 68(3/4), 509-514, 2006. [COD; ammonia; coliforms]
- (2675) NALESSO, R.C.; JOYEUX, J.-C.; QUINTANA, C.O.; TOREZANI, E.; OTEGUI, A.C.P. Soft-bottom macrobenthic communities of the Vitoria Bay estuarine system, south-eastern Brazil. *Brazilian Journal of Oceanography*, 53(1/2), 23-38, 2005. [Domestic and industrial wastewater discharges; sewage; organic loading]
- (2676) NIZZOLI, D.; WELSH, D.T.; FANO, E.A.; VIAROLI, P. Impact of clam and mussel farming on benthic metabolism and nitrogen cycling, with emphasis on nitrate reduction pathways. *Marine Ecology Progress Series*, 315, 151-165, 2006. [Nutrients]
- (2677) RUSSELL, M.J.; MONTAGNA, P.A.; KALKE, R.D. The effect of freshwater inflow on net ecosystem metabolism in Lavaca Bay, Texas. *Estuarine, Coastal and Shelf Science*, 68(1/2), 231-244, 2006. [Including anthropogenic modification; organic or nutrient enrichment]
- (2678) SALAS, F.; MARCOS, C.; NETO, J.M.; PATRICIO, J.; PEREZ-RUZAFÁ, A.; MARQUES, J.C. User-friendly guide for using benthic ecological indicators in coastal and marine quality assessment. *Ocean and Coastal Management*, 49(5/6), 308-331, 2006.
- (2679) SATO, T.; MIYAJIMA, T.; OGAWA, H.; UMEZAWA, Y.; KOIKE, I. Temporal variability of stable carbon and nitrogen isotopic composition of size-fractionated particulate organic matter in the hypertrophic Sumida River Estuary of Tokyo Bay, Japan. *Estuarine, Coastal and Shelf Science*, 68(1/2), 245-258, 2006. [Nutrients]
- (2680) SMITH, J.; SHACKLEY, S.E. Effects of the closure of a major sewage outfall on sublittoral, soft sediment benthic communities. *Marine Pollution Bulletin*, 52(6), 645-658, 2006. [Inner Swansea Bay; sewage discharge from Mumbles Head]
- (2681) TARASOVA, T.S. The effect of environment on the fauna of benthic foraminifers in near-shore ecosystems. [In Russian with English summary]. *Biologiya Morya*, 32(2), 85-94, 2006. [Review; natural and anthropogenic factors; anthropogenic impact; aquaculture]
- (2682) YAMAMOTO, A.; KAKUTANI, N.; YAMAMOTO, K.; KAMIURA, T.; MIYAKODA, H. Steroid hormone profiles of urban and tidal rivers using LC/MS/MS equipped with electrospray ionization and atmospheric pressure photoionization sources. *Environmental Science and Technology*, 40(13), 4132-4137, 2006.
- (2683) ZHOU, Y.; YANG, H.; LIU, S.; YUAN, X.; MAO, Y.; LIU, Y.; XU, X.; ZHANG, F. Feeding and growth on bivalve biodeposits by the deposit feeder *Stichopus japonicus* Selenka (Echinodermata: Holothuroidea) co-cultured in lantern nets. *Aquaculture*, 256(1-4), 510-520, 2006.

## Section 7: Heat

(2684) BIANCHI, C.N.; PICHON, M.; MORRI, C.; COLANTONI, P.; BENZONI, F.; BALDELLI, G.; SANDRINI, M. Le suivi du blanchissement des coraux aux Maldives: leçons à tirer et nouvelles hypothèses. *Oceanis*, 29(3/4), 325-354, 2003. [Coral bleaching; recovery]

(2685) GARPE, K.C.; YAHYA, S.A.S.; LINDAHL, U.; OHMAN, M.C. Long-term effects of the 1998 coral bleaching event on reef fish assemblages. *Marine Ecology Progress Series*, 315, 237-247, 2006. [Coral degradation]

(2686) HILL, S.K.; LAWRENCE, J.M. Interactive effects of temperature and nutritional condition on the energy budgets of the sea urchins *Arbacia punctulata* and *Lytechinus variegatus* (Echinodermata: Echinoidea). *Journal of the Marine Biological Association of the United Kingdom*, 86(4), 783-790, 2006.

(2687) JORDAN, A.D.; LAMPE, J.F.; GRISDALE-HELLAND, B.; HELLAND, S.J.; SHEARER, K.D.; STEFFENSEN, J.F. Growth of Atlantic cod (*Gadus morhua* L.) with different haemoglobin subtypes when kept near their temperature preference. *Aquaculture*, 257(1-4), 44-52, 2006.

(2688) KEMP, D.W.; COOK, C.B.; LAJEUNESSE, T.C.; BROOKS, W.R. A comparison of the thermal bleaching responses of the zoanthid *Palythoa caribaeorum* from three geographically different regions in south Florida. *Journal of Experimental Marine Biology and Ecology*, 335(2), 266-276, 2006.

(2689) LANNIG, G.; CHERKASOV, A.S.; SOKOLOVA, I.M. Temperature-dependent effects of cadmium on mitochondrial and whole-organism bioenergetics of oysters (*Crassostrea virginica*). *Marine Environmental Research*, 62(Supplement), S79-S82, 2006. [Cd]

(2690) MENEZES, S.; SOARES, A.M.V.M.; GUILHERMINO, L.; PECK, M.R. Biomarker responses of the estuarine brown shrimp *Crangon crangon* L. to non-toxic stressors: temperature, salinity and handling stress effects. *Journal of Experimental Marine Biology and Ecology*, 335(1), 114-122, 2006.

(2691) PERELMAN, A.; DUBINSKY, Z.; MARTINEZ, R. Temperature dependence of superoxide dismutase activity in plankton. *Journal of Experimental Marine Biology and Ecology*, 334(2), 229-235, 2006.

(2692) ROBISON, J.D.; WARNER, M.E. Differential impacts of photoacclimation and thermal stress on the photobiology of four different phylotypes of *Symbiodinium* (Pyrrhophyta). *Journal of Phycology*, 42(3), 568-579, 2006. [Coral bleaching; zooxanthellae]

(2693) WALLMAN, H.L.; BENNETT, W.A. Effects of parturition and feeding on thermal preference of Atlantic stingray, *Dasyatis sabina* (Lesueur). *Environmental Biology of Fishes*, 75(3), 259-267, 2006.

(2694) ZHANG, Z.; LI, X.; VANDEPEER, M.; ZHAO, W. Effects of water temperature and air exposure on the lysosomal membrane stability of hemocytes in Pacific oysters, *Crassostrea gigas* (Thunberg). *Aquaculture*, 256(1-4), 502-509, 2006.

## Section 8: Solids

- (2695) FONTAN, A.; MADER, J.; GONZALEZ, M.; URIARTE, A.; GYSSELS, P.; COLLINS, M.B. Marine hydrodynamics between San Sebastian and Hondarribia (Guipuzcoa, northern Spain): field measurements and numerical modelling. *Scientia Marina*, 70S1(Supplement 1), 51-63, 2006.
- (2696) KAISER, M.J.; HALL, S.J.; THOMAS, D.N. Habitat modification. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes.* p.927-970. Cambridge: Harvard University Press, 2005. [Land use; nutrients; damming of rivers; aquaculture; fishing]
- (2697) KIM, T.I.; CHOI, B.H.; LEE, S.W. Hydrodynamics and sedimentation induced by large-scale coastal developments in the Keum River Estuary, Korea. *Estuarine, Coastal and Shelf Science*, 68(3/4), 515-528, 2006.
- (2698) LOHRER, A.M.; HEWITT, J.E.; THRUSH, S.F. Assessing far-field effects of terrigenous sediment loading in the coastal marine environment. *Marine Ecology Progress Series*, 315, 13-18, 2006. [Including impact of human activity; suspension feeders]
- (2699) MITCHELL, I.M. In situ biodeposition rates of Pacific oysters (*Crassostrea gigas*) on a marine farm in Southern Tasmania (Australia). *Aquaculture*, 257(1-4), 194-203, 2006.
- (2700) NOAKES, S.E.; JUTTE, P.C. Utilizing gamma isotope tracers to determine sediment source at reef sites near the Charleston Ocean Dredged Material Disposal Site. *Marine Pollution Bulletin*, 52(6), 666-673, 2006.
- (2701) REDDY, M.S.; BASHA, S.; ADIMURTHY, S.; RAMACHANDRAIAH, G. Description of the small plastics fragments in marine sediments along the Alang-Sosiya ship-breaking yard, India. *Estuarine, Coastal and Shelf Science*, 68(3/4), 656-660, 2006.
- (2702) SANCHEZ, F.; VELASCO, F.; CARTES, J.E.; OLASO, I.; PRECIADO, I.; FANELLI, E.; SERRANO, A.; GUTIERREZ-ZABALA, J.L. Monitoring the Prestige oil spill impacts on some key species of the Northern Iberian shelf. *Marine Pollution Bulletin*, 53(5-7), 332-349, 2006. [Tar aggregates]
- (2703) SCHRATZBERGER, M.; BOLAM, S.; WHOMERSLEY, P.; WARR, K. Differential response of nematode colonist communities to the intertidal placement of dredged material. *Journal of Experimental Marine Biology and Ecology*, 334(2), 244-255, 2006. [Orwell estuary; recolonisation]
- (2704) SERRANO, A.; SANCHEZ, F.; PRECIADO, I.; PARRA, S.; FRUTOS, I. Spatial and temporal changes in benthic communities of the Galician continental shelf after the Prestige oil spill. *Marine Pollution Bulletin*, 53(5-7), 315-331, 2006. [Tar aggregates]
- (2705) THIEL, M.; HAYE, P.A. The ecology of rafting in the marine environment. III. Biogeographical and evolutionary consequences. *Oceanography and Marine Biology. Annual Review*, 44, 323-429, 2006. [Review; including artificial rafting routes; plastics]

## Section 9: Physical Disturbance

- (2706) BALLESTEROS, E. Mediterranean coralligenous assemblages: a synthesis of present knowledge. *Oceanography and Marine Biology. Annual Review*, 44, 123-195, 2006. [Review; degradation; waste water; invasive species; impact of fishing and diving]
- (2707) BARLOW, J.; GISINER, R. Mitigating, monitoring and assessing the effects of anthropogenic sound on beaked whales. *Journal of Cetacean Research and Management*, 7(3), 239-249, 2006. [Noise; strandings]
- (2708) BEVILACQUA, S.; TERLIZZI, A.; FRASCHETTI, S.; RUSSO, G.F.; BOERO, F. Mitigating human disturbance: can protection influence trajectories of recovery in benthic assemblages? *Journal of Animal Ecology*, 75(4), 908-920, 2006. [Date mussel fishery]
- (2709) BOSTROM, C.; JACKSON, E.L.; SIMENSTAD, C.A. Seagrass landscapes and their effects on associated fauna: a review. *Estuarine, Coastal and Shelf Science*, 68(3/4), 383-403, 2006. [Including anthropogenic factors]
- (2710) BUCCOLIERI, R.; MARCHIORI, S.; MEDAGLI, P.; ZUCCARELLO, V. Carta della vegetazione 2003 della costa di Campomarino (Taranto) e trasformazioni ambientali nell'ultimo ventennio. *Thalassia Salentina*, 29, 47-61, 2006. [Impact of human activity; road construction; building work]
- (2711) CASU, D.; CECCHERELLI, G.; CURINI-GALLETTI, M.; CASTELLI, A. Human exclusion from rocky shores in a mediterranean marine protected area (MPA): an opportunity to investigate the effects of trampling. *Marine Environmental Research*, 62(1), 15-32, 2006.
- (2712) COSENTINO, A.; GIACOBBE, S. A case study of mollusc and polychaete soft-bottom assemblages submitted to sedimentary instability in the Mediterranean Sea. *Marine Ecology*, 27(2), 170-183, 2006.
- (2713) COX, T.M., (ET AL). Understanding the impacts of anthropogenic sound on beaked whales. *Journal of Cetacean Research and Management*, 7(3), 177-187, 2006. [Noise; strandings; review]
- (2714) D'SPAIN, G.L.; D'AMICO, A.; FROMM, D.M. Properties of the underwater sound fields during some well documented beaked whale mass stranding events. *Journal of Cetacean Research and Management*, 7(3), 223-238, 2006. [Noise]
- (2715) GARCEZ, D.S.; SANCHEZ-BOTERO, J.I. Comunidades de pescadores artesanais no estado do Rio Grande do Sul, Brasil. *Atlantica*, 27(1), 17-29, 2005.
- (2716) GUERRA-GARCIA, J.M.; GARCIA-GOMEZ, J.C. Recolonization of defaunated sediments: fine versus gross sand and dredging versus experimental trays. *Estuarine, Coastal and Shelf Science*, 68(1/2), 328-342, 2006.
- (2717) HAYWARD, B.W.; GRENFELL, H.R.; SABAA, A.T.; MORLEY, M.S.; HORROCKS, M. Effect and timing of increased freshwater runoff into sheltered harbor environments around Auckland City, New Zealand. *Estuaries and Coasts*, 29(2), 165-182, 2006. [Cu; Ni; Pb; Zn; human colonization]
- (2718) HIDDINK, J.G.; HUTTON, T.; JENNINGS, S.; KAISER, M.J. Predicting the effects of area closures and fishing effort restrictions on the production, biomass, and species richness of benthic invertebrate communities. *ICES Journal of Marine Science*, 63(5), 822-830, 2006. [North Sea; trawling]

- (2719) HIDDINK, J.G.; JENNINGS, S.; KAISER, M.J.; QUEIROS, A.M.; DUPLISEA, D.E.; PIET, G.J. Cumulative impacts of seabed trawl disturbance on benthic biomass, production, and species richness in different habitats. *Canadian Journal of Fisheries and Aquatic Sciences*, 63(4), 721-736, 2006. [Dogger Bank; Hills; Northwest Rough; Silver Pit]
- (2720) KAISER, M.J.; HALL, S.J.; THOMAS, D.N. Habitat modification. In: Robinson, A.R.; Brink, K.H., (editors). *The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes*. p.927-970. Cambridge: Harvard University Press, 2005. [Land use; nutrients; damming of rivers; aquaculture; fishing]
- (2721) KIM, T.I.; CHOI, B.H.; LEE, S.W. Hydrodynamics and sedimentation induced by large-scale coastal developments in the Keum River Estuary, Korea. *Estuarine, Coastal and Shelf Science*, 68(3/4), 515-528, 2006.
- (2722) KING, S.P.; SHERIDAN, P. Nekton of new seagrass habitats colonizing a subsided salt marsh in Galveston Bay, Texas. *Estuaries and Coasts*, 29(2), 286-296, 2006. [Subsidence due to oil, gas and water extraction]
- (2723) LOHRER, A.M.; HEWITT, J.E.; THRUSH, S.F. Assessing far-field effects of terrigenous sediment loading in the coastal marine environment. *Marine Ecology Progress Series*, 315, 13-18, 2006. [Including impact of human activity; suspension feeders]
- (2724) MACBETH, W.G.; BROADHURST, M.K.; PATERSON, B.D.; WOODEN, M.E.L. Reducing the short-term mortality of juvenile school prawns (*Metapenaeus macleayi*) discarded during trawling. *ICES Journal of Marine Science*, 63(5), 831-839, 2006.
- (2725) MACLEOD, C.D.; D'AMICO, A. A review of beaked whale behaviour and ecology in relation to assessing and mitigating impacts of anthropogenic noise. *Journal of Cetacean Research and Management*, 7(3), 211-221, 2006. [Review; strandings]
- (2726) MANTOVANI, S.; CASTALDELLI, G.; ROSSI, R.; FANO, E.A. The infaunal community in experimentally seeded low and high density Manila clam (*Tapes philippinarum*) beds in a Po River Delta lagoon (Italy). *ICES Journal of Marine Science*, 63(5), 860-866, 2006.
- (2727) PARRAVICINI, V.; ROVERE, A.; DONATO, M.; MORRI, C.; BIANCHI, C.N. A method to measure three-dimensional substratum rugosity for ecological studies: an example from the date-mussel fishery desertification in the north-western Mediterranean. *Journal of the Marine Biological Association of the United Kingdom*, 86(4), 689-690, 2006.
- (2728) PARSONS, D.M. Human and natural predators combine to alter behavior and reduce survival of Caribbean spiny lobster. *Journal of Experimental Marine Biology and Ecology*, 334(2), 196-205, 2006.
- (2729) QUEIROS, A.M.; HIDDINK, J.G.; KAISER, M.J.; HINZ, H. Effects of chronic bottom trawling disturbance on benthic biomass, production and size spectra in different habitats. *Journal of Experimental Marine Biology and Ecology*, 335(1), 91-103, 2006. [Off Sellafield, Irish Sea; Dogger Bank]
- (2730) ROMMEL, S.A. Elements of beaked whale anatomy and diving physiology and some hypothetical causes of sonar-related stranding. *Journal of Cetacean Research and Management*, 7(3), 189-209, 2006. [Noise; beaked whales; strandings; anthropogenic sonar]
- (2731) RUSSELL, M.J.; MONTAGNA, P.A.; KALKE, R.D. The effect of freshwater inflow on net ecosystem metabolism in Lavaca Bay, Texas. *Estuarine, Coastal and Shelf Science*, 68(1/2), 231-244, 2006. [Including anthropogenic modification; organic or nutrient enrichment]



- (2732) SALAS, F.; MARCOS, C.; NETO, J.M.; PATRICIO, J.; PEREZ-RUZAFÁ, A.; MARQUES, J.C. User-friendly guide for using benthic ecological indicators in coastal and marine quality assessment. *Ocean and Coastal Management*, 49(5/6), 308-331, 2006.
- (2733) SERRANO, A.; SANCHEZ, F.; GARCIA-CASTRILLO, G. Epibenthic communities of trawlable grounds of the Cantabrian Sea. *Scientia Marina*, 70S1(Supplement 1), 149-159, 2006.
- (2734) SMITH, J.R.; FONG, P.; AMBROSE, R.F. Long-term change in mussel (*Mytilus californianus* Conrad) populations along the wave-exposed coast of southern California. *Marine Biology*, 149(3), 537-545, 2006. [Decline may include anthropogenic disturbance; increased sea surface temperature and pollution]
- (2735) STEVENSON, D.; CHIARELLA, L.; STEPHAN, D.; REID, R.; WILHELM, K.; MCCARTHY, J.; PENTONY, M. Characterization of the fishing practices and marine benthic ecosystems of the Northeast U.S. Shelf, and an evaluation of the potential effects of fishing on essential fish habitat. NOAA Technical Memorandum NMFS-NE, (181), ix, 179p., 2004. [Review]
- (2736) SUTHERLAND, W.J. Predicting the ecological consequences of environmental change: a review of the methods. *Journal of Applied Ecology*, 43(4), 599-616, 2006.
- (2737) SZYMELFENIG, M.; KOTWICKI, L.; GRACA, B. Benthic re-colonization in post-dredging pits in the Puck Bay (Southern Baltic Sea). *Estuarine, Coastal and Shelf Science*, 68(3/4), 489-498, 2006. [Meiobenthos]

## Section 10: Non-indigenous Species

- (2738) BALLESTEROS, E. Mediterranean coralligenous assemblages: a synthesis of present knowledge. *Oceanography and Marine Biology. Annual Review*, 44, 123-195, 2006. [Review; degradation; waste water; invasive species; impact of fishing and diving]
- (2739) BARTLEY, D.M.; BONDAD-REANTASO, M.G.; SUBASINGHE, R.P. A risk analysis framework for aquatic animal health management in marine stock enhancement programmes. *Fisheries Research*, 80(1), 28-36, 2006.
- (2740) BEN SOUISSI, J.; GOLANI, D.; MEJRI, H.; ZAOUALI, J.; CAPAPE, C. On the occurrence of *Scomberomorus commerson* Lacepede, 1800 (Osteichthyes: Scombridae) off Northern Tunisia (Central Mediterranean). *Cahiers de Biologie Marine*, 47(2), 215-218, 2006.
- (2741) CALADO, R.; CHAPMAN, P.M. Aquarium species: deadly invaders. *Marine Pollution Bulletin*, 52(6), 599-601, 2006.
- (2742) CURIEL, D.; BELLEMO, G.; SCATTOLIN, M.; MARZOCCHI, M. First report of *Lomentaria hakodatensis* (Lomentariaceae, Rhodophyta) from the lagoon of Venice (Adriatic Sea, Mediterranean). *Acta Adriatica*, 47(1), 65-72, 2006.
- (2743) DULCIC, J.; GOLANI, D. First record of *Cyclopterus lumpus* L., 1758 (Osteichthyes: Cyclopteridae) in the Mediterranean Sea. *Journal of Fish Biology*, 69(1), 300-303, 2006.
- (2744) FARRELL, P.; FLETCHER, R.L. An investigation of dispersal of the introduced brown alga *Undaria pinnatifida* (Harvey) Suringar and its competition with some species on the man-made structures of Torquay Marina (Devon, UK). *Journal of Experimental Marine Biology and Ecology*, 334(2), 236-243, 2006.
- (2745) FELDSTEIN, T.; NELSON, N.; MOKADY, O. Cloning and expression of MDR transporters from marine bivalves, and their potential use in biomonitoring. *Marine Environmental Research*, 62(Supplement), S118-S121, 2006. [Diesel; *Brachidontes pharaonis*]
- (2746) FINENKO, G.A.; ROMANOVA, Z.A.; ABOLMASOVA, G.I.; ANNINSKY, B.E.; GUBAREVA, E.S.; BAT, L.; KIDEYS, A. Effect of food conditions on ingestion rate and digestion time in lobate ctenophore *Mnemiopsis leidyi*. [In Russian with English summary]. *Marine Ecological Journal*, 4(1), 75-83, 2005.
- (2747) FISHELSON, L. Community structure and fish and invertebrate biodiversity in marine ecosystems: the consequences of our actions. *Boletim do Museu Municipal do Funchal*, Supplement 6, 331-348, 2001.
- (2748) FISHING NEWS. The advance of the red giant - the destructive king crab is moving south. *Fishing News*, (4807), p.13, 2006. [*Paralithodes camtschaticus*]
- (2749) FORREST, B.M.; BLAKEMORE, K.A. Evaluation of treatments to reduce the spread of a marine plant pest with aquaculture transfers. *Aquaculture*, 257(1-4), 333-345, 2006. [*Undaria pinnatifida*]
- (2750) FRANCE, K.E.; DUFFY, J.E. Consumer diversity mediates invasion dynamics at multiple trophic levels. *Oikos*, 113(3), 515-529, 2006.

- (2751) FRASER, C.; CAPA, M.; SCHUCHERT, P. European hydromedusa *Eleutheria dichotoma* (Cnidaria: Hydrozoa: Anthomedusae) found at high densities in New South Wales, Australia: distribution, biology and habitat. *Journal of the Marine Biological Association of the United Kingdom*, 86(4), 699-703, 2006. [Probably a recent introduction]
- (2752) GENNAIO, R.; SCORDELLA, G.; PASTORE, M. Occurrence of blue crab *Callinectes sapidus* (Rathbun, 1896 Crustacea, Brachyura), in the Ugento ponds area (Lecce, Italy). *Thalassia Salentina*, 29, 29-39, 2006.
- (2753) GRAY, D.K.; DUGGAN, I.C.; MACISAAC, H.J. Can sodium hypochlorite reduce the risk of species introductions from diapausing invertebrate eggs in non-ballasted ships? *Marine Pollution Bulletin*, 52(6), 689-695, 2006.
- (2754) HIWATARI, T.; SHINOTSUKA, Y.; KOHATA, K.; WATANABE, M. Exotic hard clam in Tokyo Bay identified as *Mercenaria mercenaria* by genetic analysis. *Fisheries Science*, 72(3), 578-584, 2006.
- (2755) KOVALEV, A.V.; MAZZOCCHI, M.G.; KIDEYS, A.E.; SKRYABIN, V.A. Neritization of the plankton fauna in the Mediterranean basin. *Marine Ecological Journal*, 5(1), 5-15, 2006. [Mnemiopsis leidyi]
- (2756) LEAGUE, M.T.; COLBERT, E.P.; SELISKAR, D.M.; GALLAGHER, J.L. Rhizome growth dynamics of native and exotic haplotypes of *Phragmites australis* (common reed). *Estuaries and Coasts*, 29(2), 269-276, 2006.
- (2757) LOTZE, H.K.; LENIHAN, H.S.; BOURQUE, B.J.; BRADBURY, R.H.; COOKE, R.G.; KAY, M.C.; KIDWELL, S.M.; KIRBY, M.X.; PETERSON, C.H.; JACKSON, J.B.C. Depletion, degradation, and recovery potential of estuaries and coastal seas. *Science*, 312(5781), 1806-1809, 2006. [Historical baselines]
- (2758) NIENHUIS, P.H. Water and values: ecological research as the basis for water management and nature management. *Hydrobiologia*, 565, 261-275, 2006.
- (2759) O'BRIEN, A.L.; ROSS, D.J.; KEOUGH, M.J. Effects of *Sabella spallanzanii* physical structure on soft sediment macrofaunal assemblages. *Marine and Freshwater Research*, 57(4), 363-371, 2006.
- (2760) PEREZ, T.; PERRIN, B.; CARTERON, S.; VACELET, J.; BOURY-ESNAULT, N. *Celtodoryx girardae* gen. nov. sp. nov., a new sponge species (Poecilosclerida: Demospongiae) invading the Gulf of Morbihan (North East Atlantic, France). *Cahiers de Biologie Marine*, 47(2), 205-214, 2006.
- (2761) PIAZZI, L.; CECCHERELLI, G. Persistence of biological invasion effects: recovery of macroalgal assemblages after removal of *Caulerpa racemosa* var. *cylindracea*. *Estuarine, Coastal and Shelf Science*, 68(3/4), 455-461, 2006.
- (2762) ROBINSON, L. Effectiveness of citizen involvement. In: Canada. Environment Canada. Proceedings of the Twenty-ninth Arctic and Marine Oilspill Program (AMOP) Technical Seminar, Vancouver (British Columbia), Canada, June 6-8, 2006. Volume 1. p.207-216. Ottawa: Environment Canada, 2006. [Prince William Sound Regional Citizens' Advisory Council (PWSRCAC)]
- (2763) SUTHERLAND, W.J., (ET AL). The identification of 100 ecological questions of high policy relevance in the UK. *Journal of Applied Ecology*, 43(4), 617-627, 2006.

**(2764) ZAIKA, V.E. Where and how the Black Sea population of the ctenophora Mnemiopsis leidyi is wintering? [In Russian with English summary]. Marine Ecological Journal, 4(1), 51-54, 2005.**

**(2765) ZHENG, H.; ZHANG, G.; LIU, X.; GUO, X. Sustained response to selection in an introduced population of the hermaphroditic bay scallop *Argopecten irradians irradians* Lamarck (1819). Aquaculture, 255(1-4), 579-585, 2006.**

**(2766) ZINGONE, A.; WYATT, T. Harmful algal blooms: keys to the understanding of phytoplankton ecology. In: Robinson, A.R.; Brink, K.H., (editors). The Sea. Volume 13. The global coastal ocean: multiscale interdisciplinary processes. p.867-926. Cambridge: Harvard University Press, 2005. [Eutrophication; nutrient loading]**