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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

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

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

Section 1: General

- (3386) AEBY, G.S. Baseline levels of coral disease in the Northwestern Hawaiian Islands. *Atoll Research Bulletin*, 543, 470-488, 2006. [Limited human influence]
- (3387) ANTONELIS, G.A.; BAKER, J.D.; JOHANOS, T.H.; BRAUN, R.C.; HARTING, A.L. Hawaiian monk seal (*Monachus schauinslandi*): status and conservation issues. *Atoll Research Bulletin*, 543, 75-101, 2006. [Impact of fisheries; entanglement; debris; human disturbance; contaminants]
- (3388) BARSJENE, J.; SCHIEDEK, D.; RYBAKOVAS, A.; SYVOKIENE, J.; KOPECKA, J.; FORLIN, L. Cytogenetic and cytotoxic effects in gill cells of the blue mussel *Mytilus* spp. from different zones of the Baltic Sea. *Marine Pollution Bulletin*, 53(8/9), 469-478, 2006. [Micronuclei]
- (3389) BENOIT, P.; GRATTON, Y.; MUCCI, A. Modeling of dissolved oxygen levels in the bottom waters of the Lower St. Lawrence Estuary: coupling of benthic and pelagic processes. *Marine Chemistry*, 102(1/2), 13-32, 2006.
- (3390) BOJANIC, N.; SOLIC, M.; KRSTULOVIC, N.; SESTANOVIC, S.; GLADAN, Z.N.; MARASOVIC, I.; BRAUTOVIC, I. The role of ciliates within the microbial food web in the eutrophicated part of Kastela Bay (middle Adriatic Sea). *Scientia Marina*, 70(3), 431-442, 2006.
- (3391) BROEG, K.; LEHTONEN, K.K. Indices for the assessment of environmental pollution of the Baltic Sea coasts: integrated assessment of a multi-biomarker approach. *Marine Pollution Bulletin*, 53(8/9), 508-522, 2006. [Bioaffect Assessment Index (BAI); Integrated Biomarker Response (IBR)]
- (3392) BURKE, L.; MAIDENS, J., (EDITORS). *Reefs at risk in the Caribbean*. 80p. Washington, DC: World Resources Institute, 2004.
- (3393) BURKHOLDER, J.M.; AZANZA, R.V.; SAKO, Y. The ecology of harmful dinoflagellates. In: Graneli, E.; Turner, J.T., (editors). *Ecology of harmful algae*. p.53-66. Berlin: Springer, 2006. (Ecological Studies, Vol.189) [Including anthropogenic influences]
- (3394) CINAR, M.E., (ET AL). Temporal changes of soft-bottom zoobenthic communities in and around Alsancak Harbor (Izmir Bay, Aegean Sea), with special attention to the autecology of exotic species. *Marine Ecology*, 27(3), 229-246, 2006.
- (3395) DAAN, R.; MULDER, M. The macrobenthic fauna in the Dutch sector of the North Sea in 2005 and a comparison with previous data. *NIOZ-Rapport*, (2006-3), 93p., 2006. [Biomon; Dogger Bank; Oyster Ground; coastal; offshore]
- (3396) DAI, M.; GUO, X.; ZHAI, W.; YUAN, L.; WANG, B.; WANG, L.; CAI, P.; TANG, T.; CAI, W.-J. Oxygen depletion in the upper reach of the Pearl River estuary during a winter drought. *Marine Chemistry*, 102(1/2), 159-169, 2006. [Wastewater discharge; nutrients]
- (3397) DALE, B.; EDWARDS, M.; REID, P.C. Climate change and harmful algal blooms. In: Graneli, E.; Turner, J.T., (editors). *Ecology of harmful algae*. p.367-378. Berlin: Springer, 2006. (Ecological Studies, Vol.189)
- (3398) DULAIOVA, H.; BURNETT, W.C.; WATTAYAKORN, G.; SOJISUPORN, P. Are groundwater inputs into river-dominated areas important? The Chao Phraya River - Gulf of Thailand. *Limnology and Oceanography*, 51(5), 2232-2247, 2006.

- (3399) ESCOBAR, E.; FALCON, L.I. Sediment oxygen consumption in the southwestern Gulf of Mexico. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.219-233. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41) [Natural change; impact of fishing activities]
- (3400) FONSECA, G.; NETTO, S.A. Shallow sublittoral benthic communities of the Laguna Estuarine System, South Brazil. *Brazilian Journal of Oceanography*, 54(1), 41-54, 2006. [Baseline study]
- (3401) GALLOWAY, T.S.; SCALLY, G. The new marine green? Sustainability and health challenges for coastal communities. *Marine Pollution Bulletin*, 52(9), 989-992, 2006. [Southwest England]
- (3402) GERCKEN, J.; FORLIN, L.; ANDERSSON, J. Developmental disorders in larvae of eelpout (*Zoarces viviparus*) from German and Swedish Baltic coastal waters. *Marine Pollution Bulletin*, 53(8/9), 497-507, 2006.
- (3403) GROBER-DUNSMORE, R.; BONITO, V.; FRAZER, T.K. Potential inhibitors to recovery of *Acropora palmata* populations in St. John, US Virgin Islands. *Marine Ecology Progress Series*, 321, 123-132, 2006.
- (3404) HANSSON, T.; LINDESJOO, E.; FORLIN, L.; BALK, L.; BIGNERT, A.; LARSSON, A. Long-term monitoring of the health status of female perch (*Perca fluviatilis*) in the Baltic Sea shows decreased gonad weight and increased hepatic EROD activity. *Aquatic Toxicology*, 79(4), 341-355, 2006.
- (3405) HANSSON, T.; SCHIEDEK, D.; LEHTONEN, K.K.; VUORINEN, P.J.; LIEWENBORG, B.; NOAKSSON, E.; TJARNLUND, U.; HANSON, M.; BALK, L. Biochemical biomarkers in adult female perch (*Perca fluviatilis*) in a chronically polluted gradient in the Stockholm recipient (Sweden). *Marine Pollution Bulletin*, 53(8/9), 451-468, 2006. [PAH; PCB; metallothionein; AChE; DNA adducts; EROD; HCB; HCHs; benzo(a)pyrene]
- (3406) JAMES, S.C.; SHRESTHA, P.L.; ROBERTS, J.D. Modeling noncohesive sediment transport using multiple sediment size classes. *Journal of Coastal Research*, 22(5), 1125-1132, 2006.
- (3407) JEONG, Y.; SANDERS, B.F.; GRANT, S.B. The information content of high-frequency environmental monitoring data signals pollution events in the coastal ocean. *Environmental Science and Technology*, 40(20), 6215-6220, 2006. [Faecal indicator bacteria]
- (3408) KOSTYLEV, V.E.; TODD, B.J.; LONGVA, O.; VALENTINE, P.C. Characterization of benthic habitat on northeastern Georges Bank, Canada. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.141-152. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3409) LANG, T.; WOSNIOK, W.; BARSJENE, J.; BROEG, K.; KOPECKA, J.; PARKKONEN, J. Liver histopathology in Baltic flounder (*Platichthys flesus*) as indicator of biological effects of contaminants. *Marine Pollution Bulletin*, 53(8/9), 488-496, 2006.
- (3410) LEHTONEN, K.K.; SCHIEDEK, D. Monitoring biological effects of pollution in the Baltic Sea: neglected - but still wanted? *Marine Pollution Bulletin*, 53(8/9), 377-386, 2006.
- (3411) LEHTONEN, K.K.; SHIEDEK, D., (EDITORS). The BEEP Project: biological effects of environmental pollution in marine coastal ecosystems - biomonitoring in the Baltic Sea. *Marine Pollution Bulletin*, 53(8/9), 375-537, 2006.

- (3412) LEHTONEN, K.K.; SHIEDEK, D.; KOHLER, A.; LANG, T.; VUORINEN, P.J.; FORLIN, L.; BARSJENE, J.; PEMPKOWIAK, J.; GERCKEN J. The BEEP project in the Baltic Sea: overview of results and outline for a regional biological effects monitoring strategy. *Marine Pollution Bulletin*, 53(8/9), 523-537, 2006.
- (3413) LINDEBOOM, H.J. Comparison of effects of fishing with effects of natural events and non-fishing anthropogenic impacts on benthic habitats. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.609-617. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41) [Sand extraction; oil and gas extraction; TBT; eutrophication]
- (3414) LYSIAK-PASTUSZAK, E.; OSOWIECKI, A.; FILIPIAK, M.; OLSZEWSKA, A.; SAPOTA, G.; WORON, J.; KRZYMINSKI, W. Preliminary assessment of the eutrophication status of selected areas in the Polish sector of the Baltic Sea according to the EU Water Framework Directive. *Oceanologia*, 48(2), 213-236, 2006.
- (3415) MASON, R.P.; BENIOT, J.M.; POWELL, R.T., (EDITORS). *Proceedings of the 8th International Estuarine Biogeochemistry Symposium Solomons, Maryland, USA, May 2004*. *Marine Chemistry*, 102(1/2), 1-179, 2006.
- (3416) MOUNEYRAC, C.; PELLERIN, J.; MOUKRIM, A.; ALLA, A.A.; DUROU, C.; VIAULT, N. In situ relationship between energy reserves and steroid hormone levels in *Nereis diversicolor* (O.F. Muller) from clean and contaminated sites. *Ecotoxicology and Environmental Safety*, 65(2), 181-187, 2006. [17beta-estradiol; endocrine disruptors]
- (3417) MYRBERG, K.; ANDREJEV, O. Modelling of the circulation, water exchange and water age properties of the Gulf of Bothnia. *Oceanologia*, 48(S), 55-74, 2006.
- (3418) NUNES, B.S.; CARVALHO, F.D.; GUILHERMINO, L.M.; VAN STAPPEN, G. Use of the genus *Artemia* in ecotoxicity testing. *Environmental Pollution*, 144(2), 453-462, 2006. [Review]
- (3419) PIECHURA, J.; PEMPKOWIAK, J.; RADZIEJEWSKA, T.; USCINOWICZ, S. What we know about the Baltic Sea: a summary of BSSC 2005. *Oceanologia*, 48(S), 3-19, 2006.
- (3420) RICE, J. Challenges, objectives, and sustainability: benthic community, habitats and management decision-making. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.41-58. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3421) SHALLENBERGER, R.J. History of management in the Northwestern Hawaiian Islands. *Atoll Research Bulletin*, 543, 23-31, 2006.
- (3422) STRONG, J.A.; SERVICE, M.; MITCHELL, A.J. Application of the Visual Fast Count for the quantification of temperate epibenthic communities from video footage. *Journal of the Marine Biological Association of the United Kingdom*, 86(5), 939-945, 2006. [Strangford Lough]
- (3423) SUNDA, W.G.; GRANELI, E.; GOBLER, C.J. Positive feedback and the development and persistence of ecosystem disruptive algal blooms. *Journal of Phycology*, 42(5), 963-974, 2006. [HAB; nutrients]
- (3424) TRAVIS, S.E.; SHERIDAN, P. Genetic structure of natural and restored shoalgrass *Halodule wrightii* populations in the NW Gulf of Mexico. *Marine Ecology Progress Series*, 322, 117-127, 2006.
- (3425) TSUZUKI, Y. An index directly indicates land-based pollutant load contributions of domestic wastewater to the water pollution and its application. *Science of the Total Environment*, 370(2/3), 425-440, 2006. [BOD; COD; nutrients]

(3426) TURKI, S.; HARZALLAH, A.; SAMMARI, C. Occurrence of harmful dinoflagellates in two different Tunisian ecosystems: the lake of Bizerte and the gulf of Gabes. *Cahiers de Biologie Marine*, 47(3), 253-259, 2006. [Anthropogenic impact; HAB]

(3427) VALENTINE, P.C.; TODD, B.J.; KOSTYLEV, V.E. Classification of marine sublittoral habitats, with application to the northeastern North America region. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.183-200. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3428) WANG, Y.-S.; LOU, Z.-P.; SUN, C.-C.; WU, M.-L.; HAN, S.-H. Multivariate statistical analysis of water quality and phytoplankton characteristics in Daya Bay, China, from 1999 to 2002. *Oceanologia*, 48(2), 193-211, 2006. [Nutrients]

Section 2: Petroleum Hydrocarbons

(3429) BARSJENE, J., (ET AL). Biomarker responses in flounder (*Platichthys flesus*) and mussel (*Mytilus edulis*) in the Klaipeda-Butinge area (Baltic Sea). *Marine Pollution Bulletin*, 53(8/9), 422-436, 2006. [Oil spill; AChE; PAH metabolites; metallothionein; micronuclei; lysosomal membrane stability; PCBs; DDTs; HCB; HCH]

(3430) BARTOLOME, L.; TUEROS, I.; CORTAZAR, E.; RAPOSO, J.C.; SANZ, J.; ZULOAGA, O.; DE DIEGO, A.; ETXEBARRIA, N.; FERNANDEZ, L.A.; MADARIAGA, J.M. Distribution of trace organic contaminants and total mercury in sediments from the Bilbao and Urdaibai Estuaries (Bay of Biscay). *Marine Pollution Bulletin*, 52(9), 1111-1117, 2006. [PAHs; PCBs; phthalate esters; Hg]

(3431) BOUFADEL, M.C.; BECHTEL, R.D.; WEAVER, J. The movement of oil under non-breaking waves. *Marine Pollution Bulletin*, 52(9), 1056-1065, 2006.

(3432) BRICENCO, B.; JONTE, L.; ORTEGA, J.; ROSALES, N.; MORALES, E. Respuesta de las cianobacterias tropicales *Synechocystis minuscula* y *Limnithrix* sp. a derivados del petroleo. *Acta Biologica Venezuelica*, 23(4), 31-41, 2003.

(3433) BROEG, K.; LEHTONEN, K.K. Indices for the assessment of environmental pollution of the Baltic Sea coasts: integrated assessment of a multi-biomarker approach. *Marine Pollution Bulletin*, 53(8/9), 508-522, 2006. [Bioaffect Assessment Index (BAI); Integrated Biomarker Response (IBR)]

(3434) CARRER, S.; LEARDI, R. Characterizing the pollution produced by an industrial area. Chemometric methods applied to the Lagoon of Venice. *Science of the Total Environment*, 370(1), 99-116, 2006.

(3435) CESAR, A.; PEREIRA, C.D.S.; SANTOS, A.R.; ABESSA, D.M. DE S.; FERNANDEZ, N.; CHOUERI, R.B.; DELVALLS, T.A. Ecotoxicological assessment of sediments from the Santos and Sao Vicente Estuarine System - Brazil. *Brazilian Journal of Oceanography*, 54(1), 55-63, 2006. [PAHs; PCBs; Cu; Pb; Zn; Cd; Co; Ni; V]

(3436) CRONIN, M.; MCGOVERN, E.; MCMAHON, T.; BOELEN, R. Guidelines for the assessment of dredge material for disposal in Irish waters. *Marine Environment and Health Series*, (24), 56p., 2006.

(3437) DENTON, G.R.W.; CONCEPCION, L.P.; WOOD, H.R.; MORRISON, R.J. Polycyclic aromatic hydrocarbons (PAHs) in small island coastal environments: a case study from harbours in Guam, Micronesia. *Marine Pollution Bulletin*, 52(9), 1090-1098, 2006.

(3438) EDLUND, A.; JANSSON, J.K. Changes in active bacterial communities before and after dredging of highly polluted Baltic Sea sediments. *Applied and Environmental Microbiology*, 72(10), 6800-6807, 2006. [Hg; PAH; PCB; phenanthrene]

(3439) GROSVIK, B.E.; JONSSON, H.; RODRIGUEZ-ORTEGA, M.; ROEPSTORFF, P.; GOKSOYR, A. CYP1A-immunopositive proteins in bivalves identified as cytoskeletal and major vault proteins. *Aquatic Toxicology*, 79(4), 334-340, 2006. [Aroclor 1254; Cu; crude oil; alkylphenols; PAHs]

(3440) HANSSON, T.; SCHIEDEK, D.; LEHTONEN, K.K.; VUORINEN, P.J.; LIEWENBORG, B.; NOAKSSON, E.; TJARNLUND, U.; HANSON, M.; BALK, L. Biochemical biomarkers in adult female perch (*Perca fluviatilis*) in a chronically polluted gradient in the Stockholm recipient (Sweden). *Marine Pollution Bulletin*, 53(8/9), 451-468, 2006. [PAH; PCB; metallothionein; AChE; DNA adducts; EROD; HCB; HCHs; benzo(a)pyrene]

- (3441) HUGGETT, R.J.; NEFF, J.M.; STEGEMAN, J.J.; WOODIN, B.; PARKER, K.R.; BROWN, J.S. Biomarkers of PAH exposure in an intertidal fish species from Prince William Sound, Alaska: 2004-2005. *Environmental Science and Technology*, 40(20), 6513-6517, 2006. [Oil spill]
- (3442) HULATHDUWA, Y.D.; BROWN, K.M. Relative importance of hydrocarbon pollutants, salinity and tidal height in colonization of oyster reefs. *Marine Environmental Research*, 62(4), 301-314, 2006. [Heavy crude oil; Corexit 9580; PAH]
- (3443) INZUNZA, B.; ORREGO, R.; PENALOSA, M.; GAVILAN, J.F.; BARRA, R. Analysis of CYP4501A1, PAHs metabolites in bile, and genotoxic damage in *Oncorhynchus mykiss* exposed to Biobio River sediments, Central Chile. *Ecotoxicology and Environmental Safety*, 65(2), 242-251, 2006.
- (3444) IRVINE, G.V.; MANN, D.H.; SHORT, J.W. Persistence of 10-year old Exxon Valdez oil on Gulf of Alaska beaches: the importance of boulder-armoring. *Marine Pollution Bulletin*, 52(9), 1011-1022, 2006.
- (3445) JIFA, W.; ZHIMING, Y.; XIUXIAN, S.; YOU, W. Response of integrated biomarkers of fish (*Lateolabrax japonicus*) exposed to benzo[a]pyrene and sodium dodecylbenzene sulfonate. *Ecotoxicology and Environmental Safety*, 65(2), 230-236, 2006. [SDBS; SOD; CAT; GPx; GST; GSH; AChE; iNOS]
- (3446) KOPECKA, J.; LEHTONEN, K.K.; BARSIELE, J.; BROEG, K.; VUORINEN, P.J.; GERCKEN, J.; PEMPKOWIAK, J. Measurements of biomarker levels in flounder (*Platichthys flesus*) and blue mussel (*Mytilus trossulus*) from the Gulf of Gdansk (southern Baltic). *Marine Pollution Bulletin*, 53(8/9), 406-421, 2006. [DDTs; HCB; HCHs; PCBs; PBDEs; POPs; PAH metabolites; metallothioneins; AChE; EROD; GST; CAT; LMS; micronuclei; vitellogenin]
- (3447) KROL, T.; STELMASZEWSKI, A.; FREDI, W. Variability in the optical properties of a crude oil - seawater emulsion. *Oceanologia*, 48(S), 203-211, 2006.
- (3448) LEHTONEN, K.K.; SCHIEDEK, D. Monitoring biological effects of pollution in the Baltic Sea: neglected - but still wanted? *Marine Pollution Bulletin*, 53(8/9), 377-386, 2006.
- (3449) LEHTONEN, K.K.; SHIEDEK, D.; KOHLER, A.; LANG, T.; VUORINEN, P.J.; FORLIN, L.; BARSIELE, J.; PEMPKOWIAK, J.; GERCKEN, J. The BEEP project in the Baltic Sea: overview of results and outline for a regional biological effects monitoring strategy. *Marine Pollution Bulletin*, 53(8/9), 523-537, 2006.
- (3450) MINIER, C.; MOORE, M.N.; GALGANI, F.; CLAISSE, D. Multixenobiotic resistance protein expression in *Mytilus edulis*, *M. galloprovincialis* and *Crassostrea gigas* from the French coasts. *Marine Ecology Progress Series*, 322, 143-154, 2006. [Cd; Cu; Hg; Pb; Zn; DDTs; HCHs; PCB; PAH]
- (3451) MUNIZ, P.; PIRES-VANIN, A.M.S.; MARTINS, C.C.; MONTONE, R.C.; BICEGO, M.C. Trace metals and organic compounds in the benthic environment of a subtropical embayment (Ubatuba Bay, Brazil). *Marine Pollution Bulletin*, 52(9), 1098-1108, 2006. [Cr; Cu; Zn; PAHs; n-alkanes; pristane; phytane; coprostanol; epicoprostanol; cholesterol; cholestanol; campesterol; sitosterol; stigmasterol; coprostanone; colestano]
- (3452) NERO, V.; FARWELL, A.; LEE, L.E.J.; VAN MEER, T.; MACKINNON, M.D.; DIXON, D.G. The effects of salinity on naphthenic acid toxicity to yellow perch: gill and liver histopathology. *Ecotoxicology and Environmental Safety*, 65(2), 252-264, 2006.
- (3453) O'CONNOR, T.P.; LAUENSTEIN, G.G. Trends in chemical concentrations in mussels and oysters collected along the US coast: update to 2003. *Marine Environmental Research*, 62(4), 261-285, 2006. [Arsenic; Cd; Cu; Hg; Ni; Pb; Se; Zn; TBT; PAHs; PCBs; DDTs; chlordanes; dieldrin]

(3454) SCHAANNING, M.; BREYHOLTZ, B.; SKEI, J. Experimental results on effects of capping on fluxes of persistent organic pollutants (POPs) from historically contaminated sediments. Marine Chemistry, 102(1/2), 46-59, 2006. [DDT; PAH; PCB]

(3455) SCHIEDEK, D., (ET AL). Biomarker responses as indication of contaminant effects in blue mussel (*Mytilus edulis*) and female eelpout (*Zoarce viviparus*) from the southwestern Baltic Sea. Marine Pollution Bulletin, 53(8/9), 387-405, 2006. [DDTs; PCB; PAH metabolites; metallothionein; EROD; DNA adducts; AChE; lysosomal membrane stability; micronuclei]

(3456) SORIANO, J.A.; VINAS, L.; FRANCO, M.A.; GONZALEZ, J.J.; ORTIZ, L.; BAYONA, J.M.; ALBAIGES, J. Spatial and temporal trends of petroleum hydrocarbons in wild mussels from the Galician coast (NW Spain) affected by the Prestige oil spill. Science of the Total Environment, 370(1), 80-90, 2006. [PAHs]

(3457) VUORINEN, P.J., (ET AL). Use of biliary PAH metabolites as a biomarker of pollution in fish from the Baltic Sea. Marine Pollution Bulletin, 53(8/9), 479-487, 2006. [FAC]

(3458) ZOU, E.; STUEBEN, B. Acute exposure to naphthalene reduces oxyregulating capacity of the brown shrimp, *Penaeus aztecus*, subjected to progressive hypoxia. Marine Biology, 149(6), 1411-1415, 2006. [PAH]

Section 3: Metals

- (3459) BARTOLOME, L.; TUEROS, I.; CORTAZAR, E.; RAPOSO, J.C.; SANZ, J.; ZULOAGA, O.; DE DIEGO, A.; ETXEBARRIA, N.; FERNANDEZ, L.A.; MADARIAGA, J.M. Distribution of trace organic contaminants and total mercury in sediments from the Bilbao and Urdaibai Estuaries (Bay of Biscay). *Marine Pollution Bulletin*, 52(9), 1111-1117, 2006. [PAHs; PCBs; phthalate esters; Hg]
- (3460) BENOIT, J.M.; SHULL, D.H.; ROBINSON, P.; UCRAN, L.R. Infaunal burrow densities and sediment monomethyl mercury distributions in Boston Harbor, Massachusetts. *Marine Chemistry*, 102(1/2), 124-133, 2006. [Hg; bioturbation]
- (3461) BINI, B.; WILLIAMS, G.A.; CHELAZZI, G. Neuronal cholinergic control is involved in the modification of cardiac activity and circulation induced by waterborne copper in the chiton *Acanthopleura japonica*. *Journal of Experimental Marine Biology and Ecology*, 338(1), 43-49, 2006. [Cu]
- (3462) BOTHNER, M.H.; REYNOLDS, R.L.; CASSO, M.A.; STORLAZZI, C.D.; FIELD, M.E. Quantity, composition, and source of sediment collected in sediment traps along the fringing coral reef off Molokai, Hawaii. *Marine Pollution Bulletin*, 52(9), 1034-1047, 2006. [Ag; Arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn]
- (3463) BROEG, K.; LEHTONEN, K.K. Indices for the assessment of environmental pollution of the Baltic Sea coasts: integrated assessment of a multi-biomarker approach. *Marine Pollution Bulletin*, 53(8/9), 508-522, 2006. [Bioaffect Assessment Index (BAI); Integrated Biomarker Response (IBR)]
- (3464) CARRER, S.; LEARDI, R. Characterizing the pollution produced by an industrial area. Chemometric methods applied to the Lagoon of Venice. *Science of the Total Environment*, 370(1), 99-116, 2006.
- (3465) CESAR, A.; PEREIRA, C.D.S.; SANTOS, A.R.; ABESSA, D.M. DE S.; FERNANDEZ, N.; CHOUERI, R.B.; DELVALLS, T.A. Ecotoxicological assessment of sediments from the Santos and Sao Vicente Estuarine System - Brazil. *Brazilian Journal of Oceanography*, 54(1), 55-63, 2006. [PAHs; PCBs; Cu; Pb; Zn; Cd; Co; Ni; V]
- (3466) CHAPMAN, P.M.; MCDONALD, B.G.; KICKHAM, P.E.; MCKINNON, S. Global geographic differences in marine metals toxicity. *Marine Pollution Bulletin*, 52(9), 1081-1084, 2006. [Cd; Cu; Pb; Zn]
- (3467) CHURCH, T.M.; SOMMERFIELD, C.K.; VELINSKY, D.J.; POINT, D.; BENOIT, C.; AMOUROUX, D.; PLAA, D.; DONARD, O.F.X. Marsh sediments as records of sedimentation, eutrophication and metal pollution in the urban Delaware Estuary. *Marine Chemistry*, 102(1/2), 72-95, 2006. [Nutrients; arsenic; Ag; Cd; Co; Cr; Cu; Mn; Pb; Sn; U; V; Zn; TBT]
- (3468) CRONIN, M.; MCGOVERN, E.; MCMAHON, T.; BOELEN, R. Guidelines for the assessment of dredge material for disposal in Irish waters. *Marine Environment and Health Series*, (24), 56p., 2006.
- (3469) DIXON, J.L.; STATHAM, P.J.; WIDDICOMBE, C.E.; JONES, R.M.; BARQUERO-MOLINA, S.; DICKIE, B.; NIMMO, M.; TURLEY, C.M. Cadmium uptake by marine micro-organisms in the English Channel and Celtic Sea. *Aquatic Microbial Ecology*, 44(1), 31-43, 2006.
- (3470) EDLUND, A.; JANSSON, J.K. Changes in active bacterial communities before and after dredging of highly polluted Baltic Sea sediments. *Applied and Environmental Microbiology*, 72(10), 6800-6807, 2006. [Hg; PAH; PCB; phenanthrene]

- (3471) FERNANDES, S.; MEYSMAN, F.J.R.; SOBRAL, P. The influence of Cu contamination on *Nereis diversicolor* bioturbation. *Marine Chemistry*, 102(1/2), 148-158, 2006.
- (3472) FERRER, L.; ANDRADE, S.; ASTEASUAIN, R.; MARCOVECCHIO, J. Acute toxicities of four metals on the early life stages of the crab *Chasmagnathus granulata* from Bahia Blanca estuary, Argentina. *Ecotoxicology and Environmental Safety*, 65(2), 209-217, 2006. [Cd; Cu; Pb; Zn]
- (3473) GARNAGA, G.; WYSE, E.; AZEMARD, S.; STANKEVICIUS, A.; DE MORA, S. Arsenic in sediments from the southeastern Baltic Sea. *Environmental Pollution*, 144(3), 855-861, 2006. [Chemical munitions dumpsite]
- (3474) GROSVIK, B.E.; JONSSON, H.; RODRIGUEZ-ORTEGA, M.; ROEPSTORFF, P.; GOKSOYR, A. CYP1A-immunopositive proteins in bivalves identified as cytoskeletal and major vault proteins. *Aquatic Toxicology*, 79(4), 334-340, 2006. [Aroclor 1254; Cu; crude oil; alkylphenols; PAHs]
- (3475) HEYES, A.; MASON, R.P.; KIM, E.-H.; SUNDERLAND, E. Mercury methylation in estuaries: insights from using measuring rates using stable mercury isotopes. *Marine Chemistry*, 102(1/2), 134-147, 2006. [Hg; methylmercury]
- (3476) HYUN, J.-H. Resource-limited heterotrophic prokaryote production and its potential environmental impact associated with Mn nodule exploitation in the northeast equatorial Pacific. *Microbial Ecology*, 52(2), 244-252, 2006. [Nutrient and metal enrichment]
- (3477) INOUE, M.; HATA, A.; SUZUKI, A.; NOHARA, M.; SHIKAZONO, N.; YIM, W.W.-S.; HANTORO, W.S.; DONGHUAI, S.; KAWAHATA, H. Distribution and temporal changes of lead in the surface seawater in the western Pacific and adjacent seas derived from coral skeletons. *Environmental Pollution*, 144(3), 1045-1052, 2006. [Pb]
- (3478) JUNG, K.; STELZENMULLER, V.; ZAUKE, G-P. Spatial distribution of heavy metal concentrations and biomass indices in *Cerastoderma edule* Linnaeus (1758) from the German Wadden Sea: an integrated biomonitoring approach. *Journal of Experimental Marine Biology and Ecology*, 338(1), 81-95, 2006. [Cd; Cu; Ni; Pb; Zn]
- (3479) KAWAKAMI, S.K.; GLEDHILL, M.; ACHTERBERG, E.P. Production of phytochelatins and glutathione by marine phytoplankton in response to metal stress. *Journal of Phycology*, 42(5), 975-989, 2006.
- (3480) KOPECKA, J.; LEHTONEN, K.K.; BARSJENE, J.; BROEG, K.; VUORINEN, P.J.; GERCKEN, J.; PEMPKOWIAK, J. Measurements of biomarker levels in flounder (*Platichthys flesus*) and blue mussel (*Mytilus trossulus*) from the Gulf of Gdansk (southern Baltic). *Marine Pollution Bulletin*, 53(8/9), 406-421, 2006. [DDTs; HCB; HCHs; PCBs; PBDEs; POPs; PAH metabolites; metallothioneins; AChE; EROD; GST; CAT; LMS; micronuclei; vitellogenin]
- (3481) KRANG A.-S.; EKERHOLM, M. Copper reduced mating behaviour in male shore crabs (*Carcinus maenas* (L.)). *Aquatic Toxicology*, 80(1), 60-69, 2006. [Cu]
- (3482) LAM, J.C.W.; TANABE, S.; CHAN, S.K.F.; LAM, M.H.W.; MARTIN, M.; LAM, P.K.S. Levels of trace elements in green turtle eggs collected from Hong Kong: evidence of risks due to selenium and nickel. *Environmental Pollution*, 144(3), 790-801, 2006. [Ag; As; Ba; Cd; Co; Cr; Cs; Ni; Pb; Rb; Sb; Se; Sr; Tl; V; Hg; Mo; Zn; Fe; Mn; Cu; Al]
- (3483) LEHTONEN, K.K.; LEINIO, S.; SCHNEIDER, R.; LEIVUORI, M. Biomarkers of pollution effects in the bivalves *Mytilus edulis* and *Macoma balthica* collected from the southern coast of Finland (Baltic Sea). *Marine Ecology Progress Series*, 322, 155-168, 2006. [Cd; Cu; Hg; Zn; DDTs; dieldrin; HCB; HCH; 8 PCB congeners; AChE; GST; CAT; metallothionein]

- (3484) LEHTONEN, K.K.; SHIEDEK, D.; KOHLER, A.; LANG, T.; VUORINEN, P.J.; FORLIN, L.; BARSJENE, J.; PEMPKOWIAK, J.; GERCKEN, J. The BEEP project in the Baltic Sea: overview of results and outline for a regional biological effects monitoring strategy. *Marine Pollution Bulletin*, 53(8/9), 523-537, 2006.
- (3485) LIMA, A.F.A. DE; CASTRO, I.B. DE; ROCHA-BARREIRA, C. DE A. Imposex induction in *Stramonita haemastoma floridana* (Conrad, 1837) (Mollusca: Gastropoda: Muricidae) submitted to an organotin-contaminated diet. *Brazilian Journal of Oceanography*, 54(1), 85-90, 2006. [TBT]
- (3486) LINDEBOOM, H.J. Comparison of effects of fishing with effects of natural events and non-fishing anthropogenic impacts on benthic habitats. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.609-617. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41) [Sand extraction; oil and gas extraction; TBT; eutrophication]
- (3487) MASON, R.P.; KIM, E.-H.; CORNWELL, J.; HEYES, D. An examination of the factors influencing the flux of mercury, methylmercury and other constituents from estuarine sediment. *Marine Chemistry*, 102(1/2), 96-110, 2006. [Hg; arsenic; Cd; Fe; Mn; Pb; Zn; nutrients; methylmercury]
- (3488) MASSON, M.; BLANC, G.; SCHAFFER, J. Geochemical signals and source contributions to heavy metal (Cd, Zn, Pb, Cu) fluxes into the Gironde Estuary via its major tributaries. *Science of the Total Environment*, 370(1), 133-146, 2006.
- (3489) MCDONAGH, B.; SHEEHAN, D. Redox proteomics in the blue mussel *Mytilus edulis*: Carbonylation is not a pre-requisite for ubiquitination in acute free radical-mediated oxidative stress. *Aquatic Toxicology*, 79(4), 325-333, 2006. [Cd; hydrogen peroxide; menadione]
- (3490) MESECK, S.L.; CUTTER, G.A. Evaluating the biogeochemical cycle of selenium in San Francisco Bay through modeling. *Limnology and Oceanography*, 51(5), 2018-2032, 2006. [Se; including refinery inputs]
- (3491) MIHAJLIDI-ZELIC, A.; DERSEK-TIMOTIC, I.; RELIC, D.; POPOVIC, A.; DORDEVIC, D. Contribution of marine and continental aerosols to the content of major ions in the precipitation of the central Mediterranean. *Science of the Total Environment*, 370(2/3), 441-451, 2006. [Cd; Cu; Pb; Zn]
- (3492) MINIER, C.; MOORE, M.N.; GALGANI, F.; CLAISSE, D. Multixenobiotic resistance protein expression in *Mytilus edulis*, *M. galloprovincialis* and *Crassostrea gigas* from the French coasts. *Marine Ecology Progress Series*, 322, 143-154, 2006. [Cd; Cu; Hg; Pb; Zn; DDTs; HCHs; PCB; PAH]
- (3493) MUNIZ, P.; PIRES-VANIN, A.M.S.; MARTINS, C.C.; MONTONE, R.C.; BICEGO, M.C. Trace metals and organic compounds in the benthic environment of a subtropical embayment (Ubatuba Bay, Brazil). *Marine Pollution Bulletin*, 52(9), 1098-1108, 2006. [Cr; Cu; Zn; PAHs; n-alkanes; pristane; phytane; coprostanol; epicoprostanol; cholesterol; cholestanol; campesterol; sitosterol; stigmasterol; coprostanone; colestano]
- (3494) O'CONNOR, T.P.; LAUENSTEIN, G.G. Trends in chemical concentrations in mussels and oysters collected along the US coast: update to 2003. *Marine Environmental Research*, 62(4), 261-285, 2006. [Arsenic; Cd; Cu; Hg; Ni; Pb; Se; Zn; TBT; PAHs; PCBs; DDTs; chlordanes; dieldrin]
- (3495) PACYNA, E.G.; PACYNA, J.M.; FUDALA, J.; STRZELECKA-JASTRZAB, E.; HLAWICZKA, S.; PANASIUK, D. Mercury emissions to the atmosphere from anthropogenic sources in Europe in 2000 and their scenarios until 2020. *Science of the Total Environment*, 370(1), 147-156, 2006. [Hg]

- (3496) PANE, E.F.; MCDONALD, M.D.; CURRY, H.N.; BLANCHARD, J.; WOOD, C.M.; GROSELL, M. Hydromineral balance in the marine gulf toadfish (*Opsanus beta*) exposed to waterborne or infused nickel. *Aquatic Toxicology*, 80(1), 70-81, 2006. [Ni]
- (3497) PARSONS, E.C.M.; ROSE, N.A.; BASS, C.; PERRY, C.; SIMMONDS, M.P. It's not just poor science - Japan's "scientific" whaling may be a human health risk too. *Marine Pollution Bulletin*, 52(9), 1118-1120, 2006.
- (3498) PYTHAROPOULOU, S.; KOUVELA, E.C.; SAZAKLI, E.; LEOTSINIDIS, M.; KALPAXIS, D.L. Evaluation of the global protein synthesis in *Mytilus galloprovincialis* in marine pollution monitoring: seasonal variability and correlations with other biomarkers. *Aquatic Toxicology*, 80(1), 33-41, 2006. [Metallothionein; lysosomal membrane stability; micronuclei frequency; Cd; Cr; Cu; Hg; Mn; Ni; Pb; Zn; BOD5]
- (3499) QUINTELA, M.; COUCEIRO, L.; RUIZ, J.M.; BARREIRO, R. Discovery of imposex in the gastropod *Cyclope neritea* now invading Galicia (north-west Spain). *Journal of the Marine Biological Association of the United Kingdom*, 86(5), 1171-1173, 2006. [TBT]
- (3500) RAINBOW, P.S.; POIRIER, L.; SMITH, B.D.; BRIX, K.V.; LUOMA, S.N. Trophic transfer of trace metals from the polychaete worm *Nereis diversicolor* to the polychaete *N. virens* and the decapod crustacean *Palaemonetes varians*. *Marine Ecology Progress Series*, 321, 167-181, 2006. [Ag; arsenic; Cd; Cu; Fe; Mn; Pb; Zn; Blackwater; Dart; East Looe; Gannel; Restronguet Creek; Tavy; West Looe]
- (3501) RODRIGUEZ, J.G.; TUEROS, I.; BORJA, A.; BELZUNCE, M.J.; FRANCO, J.; SOLAUN, O.; VALENCIA, V.; ZUAZO, A. Maximum likelihood mixture estimation to determine metal background values in estuarine and coastal sediments within the European Water Framework Directive. *Science of the Total Environment*, 370(2/3), 278-293, 2006. [Arsenic; Cd; Cr; Cu; Fe; Hg; Mn; Ni; Pb; Zn]
- (3502) RUIZ, F.; ABAD, M.; OLIAS, M.; GALAN, E.; GONZALEZ, I.; AGUILA, E.; HAMOUMI, N.; PULIDO, I.; CANTANO, M. The present environmental scenario of the Nador Lagoon (Morocco). *Environmental Research*, 102(2), 215-229, 2006. [Nutrients; arsenic; Cd; Co; Cu; Mn; Pb; Zn; faecal effluent; urban and slaughter house waste; ostracods]
- (3503) SAID, T.O.; FARAG, R.S.; YOUNIS, A.M.; SHREADAH, M.A. Organotin species in fish and bivalves samples collected from the Egyptian Mediterranean coast of Alexandria, Egypt. *Bulletin of Environmental Contamination and Toxicology*, 77(3), 451-458, 2006. [Dibutyltin; TBT; diphenyltin; total tin; Sn]
- (3504) SANDERS, C.J.; SANTOS, I.R.; SILVA-FILHO, E.V.; PATCHINEELAM, S.R. Mercury flux to estuarine sediments, derived from Pb-210 and Cs-137 geochronologies (Guaratuba Bay, Brazil). *Marine Pollution Bulletin*, 52(9), 1085-1089, 2006. [Hg; agricultural development]
- (3505) SCHIEDEK, D., (ET AL). Biomarker responses as indication of contaminant effects in blue mussel (*Mytilus edulis*) and female eelpout (*Zoarce viviparus*) from the southwestern Baltic Sea. *Marine Pollution Bulletin*, 53(8/9), 387-405, 2006. [DDTs; PCB; PAH metabolites; metallothionein; EROD; DNA adducts; AChE; lysosomal membrane stability; micronuclei]
- (3506) SOUAD, C.; FARIDA, Z.; NADRA, L.; FRANCOIS, B.; BOUGLE, D.; AZEDDINE, S. Trace element level in infant hair and diet, and in the local environment of the Moroccan city of Marrakech. *Science of the Total Environment*, 370(2/3), 337-342, 2006. [Al; Pb]

(3507) SUNDA, W.G. Trace metals and harmful algal blooms. In: Graneli, E.; Turner, J.T., (editors). Ecology of harmful algae. p.203-214. Berlin: Springer, 2006. (Ecological Studies, Vol.189) [Including toxicity]

(3508) SUNDERLAND, E.M.; GOBAS, F.A.P.C.; BRANFIREUN, B.A.; HEYES, A. Environmental controls on the speciation and distribution of mercury in coastal sediments. Marine Chemistry, 102(1/2), 111-123, 2006. [Hg; methylmercury]

(3509) WILLIAMS, T.D.; DIAB, A.M.; GEORGE, S.G.; GODFREY, R.E.; SABINE, V.; CONESA, A.; MINCHIN, S.D.; WATTS, P.C.; CHIPMAN, J.K. Development of the GENIPOL European flounder (*Platichthys flesus*) microarray and determination of temporal transcriptional responses to cadmium at low dose. Environmental Science and Technology, 40(20), 6479-6488, 2006. [Cd]

(3510) ZHANG, L.; WANG, W.-X. Significance of subcellular metal distribution in prey in influencing the trophic transfer of metals in a marine fish. Limnology and Oceanography, 51(5), 2008-2017, 2006. [Cd; Se; Zn]

(3511) ZHONG, H.; WANG, W.-X. Sediment-bound inorganic Hg extraction mechanisms in the gut fluids of marine deposit feeders. Environmental Science and Technology, 40(19), 6181-6186, 2006.

Section 4: Radioactivity

(3512) HIRABAYASHI, S.; KASAI, F.; WATANABE, M.M.; HIROSE, E. Contents of ultraviolet-absorbing substances in two color morphs of the photosymbiotic ascidian *Didemnum molle*. *Hydrobiologia*, 571, 419-422, 2006. [UV]

(3513) ROLEDA, M.Y.; CLAYTON, M.N.; WIENCKE, C. Screening capacity of UV-absorbing compounds in spores of Arctic Laminariales. *Journal of Experimental Marine Biology and Ecology*, 338(1), 123-133, 2006.

(3514) WALKER, E.; BOSE, J.L.; STABB, E.V. Photolyase confers resistance to UV light but does not contribute to the symbiotic benefit of bioluminescence in *Vibrio fischeri* ES114. *Applied and Environmental Microbiology*, 72(10), 6600-6606, 2006.

(3515) ZEEVI BEN-YOSEF, D.; KASHMAN, Y.; BENAYAHU, Y. Response of the soft coral *Heteroxenia fuscescens* to ultraviolet radiation regimes as reflected by mycosporine-like amino acid biosynthesis. *Marine Ecology*, 27(3), 219-228, 2006. [UV]

Section 5: Other Chemicals

- (3516) AHLGREN, J.; REITZEL, K.; TRANVIK, L.; GOGOLL, A.; RYDIN, E. Degradation of organic phosphorus compounds in anoxic Baltic Sea sediments: a ³¹P nuclear magnetic resonance study. *Limnology and Oceanography*, 51(5), 2341-2348, 2006. [Eutrophication; nutrient loading]
- (3517) AIT-AMEUR, N.; GOYET, C. Distribution and transport of natural and anthropogenic CO₂ in the Gulf of Cadiz. *Deep-Sea Research II*, 53(11-13), 1329-1343, 2006. [Sequestration]
- (3518) BANGSGAARD, K.; MADSEN, S.S.; KORSGAARD, B. Effect of waterborne exposure to 4-tert-octyphenol and 17beta-estradiol on smoltification and downstream migration in Atlantic salmon, *Salmo salar*. *Aquatic Toxicology*, 80(1), 23-32, 2006. [Endocrine disruption]
- (3519) BARSIENE, J., (ET AL). Biomarker responses in flounder (*Platichthys flesus*) and mussel (*Mytilus edulis*) in the Klaipeda-Butinge area (Baltic Sea). *Marine Pollution Bulletin*, 53(8/9), 422-436, 2006. [Oil spill; AChE; PAH metabolites; metallothionein; micronuclei; lysosomal membrane stability; PCBs; DDTs; HCB; HCH]
- (3520) BARSIENE, J.; SCHIEDEK, D.; RYBAKOVAS, A.; SYVOKIENE, J.; KOPECKA, J.; FORLIN, L. Cytogenetic and cytotoxic effects in gill cells of the blue mussel *Mytilus* spp. from different zones of the Baltic Sea. *Marine Pollution Bulletin*, 53(8/9), 469-478, 2006. [Micronuclei]
- (3521) BARTOLOME, L.; TUEROS, I.; CORTAZAR, E.; RAPOSO, J.C.; SANZ, J.; ZULOAGA, O.; DE DIEGO, A.; ETXEBARRIA, N.; FERNANDEZ, L.A.; MADARIAGA, J.M. Distribution of trace organic contaminants and total mercury in sediments from the Bilbao and Urdaibai Estuaries (Bay of Biscay). *Marine Pollution Bulletin*, 52(9), 1111-1117, 2006. [PAHs; PCBs; phthalate esters; Hg]
- (3522) BROEG, K.; LEHTONEN, K.K. Indices for the assessment of environmental pollution of the Baltic Sea coasts: integrated assessment of a multi-biomarker approach. *Marine Pollution Bulletin*, 53(8/9), 508-522, 2006. [Bioaffect Assessment Index (BAI); Integrated Biomarker Response (IBR)]
- (3523) BUSTNES, J.O.; HELBERG, M.; STRANN, K.-B.; SKAARE, J.U. Environmental pollutants in endangered vs. increasing subspecies of the lesser black-backed gull on the Norwegian Coast. *Environmental Pollution*, 144(3), 893-901, 2006. [DDE; beta-HCH; PCB]
- (3524) CANNAC, M.; FERRAT, L.; PERGENT-MARTINI, C.; PERGENT, G.; PASQUALINI, V. Effects of fish farming on flavonoids in *Posidonia oceanica*. *Science of the Total Environment*, 370(1), 91-98, 2006. [Nutrient enrichment; antioxidants]
- (3525) CANTWELL, M.G.; KING, J.; BURGESS, R.M. Temporal trends of Aroclor 1268 in the Taunton River estuary: evidence of early production, use and release to the environment. *Marine Pollution Bulletin*, 52(9), 1105-1111, 2006. [PCBs]
- (3526) CARRER, S.; LEARDI, R. Characterizing the pollution produced by an industrial area. Chemometric methods applied to the Lagoon of Venice. *Science of the Total Environment*, 370(1), 99-116, 2006.
- (3527) CESAR, A.; PEREIRA, C.D.S.; SANTOS, A.R.; ABESSA, D.M. DE S.; FERNANDEZ, N.; CHOUERI, R.B.; DELVALLS, T.A. Ecotoxicological assessment of sediments from the Santos and Sao Vicente Estuarine System - Brazil. *Brazilian Journal of Oceanography*, 54(1), 55-63, 2006. [PAHs; PCBs; Cu; Pb; Zn; Cd; Co; Ni; V]
- (3528) CHEN, Q.; MYNETT, A.E. Modelling algal blooms in the Dutch coastal waters by integrated numerical and fuzzy cellular automata approaches. *Ecological Modelling*, 199(1), 73-81, 2006. [Eutrophication; nutrients; BLOOM]

- (3529) CHEN, S.-J.; GAO, X.-J.; MAI, B.-X.; CHEN, Z.-M.; LUO, X.-J.; SHENG, G.-Y.; FU, J.-M.; ZENG, E.Y. Polybrominated diphenyl ethers in surface sediments of the Yangtze River Delta: levels, distribution and potential hydrodynamic influence. *Environmental Pollution*, 144(3), 951-957, 2006. [PBDEs]
- (3530) CHIRON, S.; MINERO, C.; VIONE, D. Photodegradation processes of the antiepileptic drug carbamazepine, relevant to estuarine waters. *Environmental Science and Technology*, 40(19), 5977-5983, 2006.
- (3531) CHURCH, T.M.; SOMMERFIELD, C.K.; VELINSKY, D.J.; POINT, D.; BENOIT, C.; AMOUROUX, D.; PLAA, D.; DONARD, O.F.X. Marsh sediments as records of sedimentation, eutrophication and metal pollution in the urban Delaware Estuary. *Marine Chemistry*, 102(1/2), 72-95, 2006. [Nutrients; arsenic; Ag; Cd; Co; Cr; Cu; Mn; Pb; Sn; U; V; Zn; TBT]
- (3532) CRONIN, M.; MCGOVERN, E.; MCMAHON, T.; BOELEN, R. Guidelines for the assessment of dredge material for disposal in Irish waters. *Marine Environment and Health Series*, (24), 56p., 2006.
- (3533) DAI, M.; GUO, X.; ZHAI, W.; YUAN, L.; WANG, B.; WANG, L.; CAI, P.; TANG, T.; CAI, W.-J. Oxygen depletion in the upper reach of the Pearl River estuary during a winter drought. *Marine Chemistry*, 102(1/2), 159-169, 2006. [Wastewater discharge; nutrients]
- (3534) DANIS, B.; DEBACKER, V.; MIRANDA, C.T.; DUBOIS, P. Levels and effects of PCDD/Fs and co-PCBs in sediments, mussels, and sea stars of the intertidal zone in the southern North Sea and the English Channel. *Ecotoxicology and Environmental Safety*, 65(2), 188-200, 2006. [PCDDs; PCDFs; PCBs; French and Belgian coasts]
- (3535) DESTOUNI, G.; LINDGREN, G.A.; GREN, I.-M. Effects of inland nitrogen transport and attenuation modeling on coastal nitrogen load abatement. *Environmental Science and Technology*, 40(20), 6208-6214, 2006. [Nutrients]
- (3536) EDLUND, A.; JANSSON, J.K. Changes in active bacterial communities before and after dredging of highly polluted Baltic Sea sediments. *Applied and Environmental Microbiology*, 72(10), 6800-6807, 2006. [Hg; PAH; PCB; phenanthrene]
- (3537) GILBERT, P.M.; LEGRAND, C. The diverse nutrient strategies of harmful algae: focus on osmotrophy. In: Graneli, E.; Turner, J.T., (editors). *Ecology of harmful algae*. p.163-175. Berlin: Springer, 2006. (Ecological Studies, Vol.189) [Natural and anthropogenic nutrient sources; eutrophication]
- (3538) GLIBERT, P.M.; BURKHOLDER, J.M. The complex relationships between increases in fertilization of the earth, coastal eutrophication and proliferation of harmful algal blooms. In: Graneli, E.; Turner, J.T., (editors). *Ecology of harmful algae*. p.241-354. Berlin: Springer, 2006. (Ecological Studies, Vol.189) [Nutrients]
- (3539) GOBLER, C.J.; SUNDA, W.G. Brown tides. In: Graneli, E.; Turner, J.T., (editors). *Ecology of harmful algae*. p.111-123. Berlin: Springer, 2006. (Ecological Studies, Vol.189)
- (3540) GROSVIK, B.E.; JONSSON, H.; RODRIGUEZ-ORTEGA, M.; ROEPSTORFF, P.; GOKSOYR, A. CYP1A-immunopositive proteins in bivalves identified as cytoskeletal and major vault proteins. *Aquatic Toxicology*, 79(4), 334-340, 2006. [Aroclor 1254; Cu; crude oil; alkylphenols; PAHs]

- (3541) GRUNEWALD, R. Assessment of damages from recreational activities on coastal dunes of the southern Baltic Sea. *Journal of Coastal Research*, 22(5), 1145-1157, 2006. [Eutrophication; trampling; faecal deposits]
- (3542) HANSSON, T.; LINDESJOO, E.; FORLIN, L.; BALK, L.; BIGNERT, A.; LARSSON, A. Long-term monitoring of the health status of female perch (*Perca fluviatilis*) in the Baltic Sea shows decreased gonad weight and increased hepatic EROD activity. *Aquatic Toxicology*, 79(4), 341-355, 2006.
- (3543) HANSSON, T.; SCHIEDEK, D.; LEHTONEN, K.K.; VUORINEN, P.J.; LIEWENBORG, B.; NOAKSSON, E.; TJARNLUND, U.; HANSON, M.; BALK, L. Biochemical biomarkers in adult female perch (*Perca fluviatilis*) in a chronically polluted gradient in the Stockholm recipient (Sweden). *Marine Pollution Bulletin*, 53(8/9), 451-468, 2006. [PAH; PCB; metallothionein; AChE; DNA adducts; EROD; HCB; HCHs; benzo(a)pyrene]
- (3544) HARINO, H.; MIDORIKAWA, S.; ARAI, T.; OHJI, M.; CU, N.D.; MIYAZAKI, N. Concentrations of booster biocides in sediment and clams from Vietnam. *Journal of the Marine Biological Association of the United Kingdom*, 86(5), 1163-1170, 2006. [Irgarol 1051; M1; Sea-Nine 211; dichlofluanid; diuron; pyridiones]
- (3545) HASSENKLOVER, T.; BICKMEYER, U. The marine secondary metabolites 2,4-dibromophenol and 2,4,6-tribromophenol differentially modulate voltage dependent ion currents in neuroendocrine (PC12) cells. *Aquatic Toxicology*, 79(4), 384-390, 2006. [Flame retardant]
- (3546) HOUDE, M., (ET AL). Polychlorinated biphenyls and hydroxylated polychlorinated biphenyls in plasma of bottlenose dolphins (*Tursiops truncatus*) from the Western Atlantic and the Gulf of Mexico. *Environmental Science and Technology*, 40(19), 5860-5866, 2006. [PCBs]
- (3547) HUERTAS, I.E.; NAVARRO, G.; RODRIGUEZ-GALVEZ, S.; LUBIAN, L.M. Temporal patterns of carbon dioxide in relation to hydrological conditions and primary production in the northeastern shelf of the Gulf of Cadiz (SW Spain). *Deep-Sea Research II*, 53(11-13), 1344-1362, 2006. [CO₂]
- (3548) HULATHDUWA, Y.D.; BROWN, K.M. Relative importance of hydrocarbon pollutants, salinity and tidal height in colonization of oyster reefs. *Marine Environmental Research*, 62(4), 301-314, 2006. [Heavy crude oil; Corexit 9580; PAH]
- (3549) HYUN, J.-H. Resource-limited heterotrophic prokaryote production and its potential environmental impact associated with Mn nodule exploitation in the northeast equatorial Pacific. *Microbial Ecology*, 52(2), 244-252, 2006. [Nutrient and metal enrichment]
- (3550) ISOBE, T.; SERIZAWA, S.; HORIGUCHI, T.; SHIBATA, Y.; MANAGAKI, S.; TAKADA, H.; MORITA, M.; SHIRAIISHI, H. Horizontal distribution of steroid estrogens in surface sediments in Tokyo Bay. *Environmental Pollution*, 144(2), 632-638, 2006. [17 beta-estradiol (E2); estrone (E1)]
- (3551) JIFA, W.; ZHIMING, Y.; XIUXIAN, S.; YOU, W. Response of integrated biomarkers of fish (*Lateolabrax japonicus*) exposed to benzo[a]pyrene and sodium dodecylbenzene sulfonate. *Ecotoxicology and Environmental Safety*, 65(2), 230-236, 2006. [SDBS; SOD; CAT; GPx; GST; GSH; AChE; iNOS]
- (3552) JONES, K.C., (EDITOR). Passive air sampling of persistent organic pollutants. *Environmental Pollution*, 144(2), 361-474, 2006.
- (3553) KAJIWARA, N.; KUNISUE, T.; KAMIKAWA, S.; OCHI, Y.; YANO, S.; TANABE, S. Organohalogen and organotin compounds in killer whales mass-stranded in the Shiretoko Peninsula, Hokkaido, Japan. *Marine Pollution Bulletin*, 52(9), 1066-1076, 2006. [Monobutyltin]

dibutyltin; TBT; diphenyltin; triphenyltin; PCDDs; PCDFs; PCBs; PBDEs; chlordanes; DDTs; HCB; HCHs; tris(4-chlorophenyl) methane, tris(4-chlorophenyl) methanol]

(3554) KEPP, R.R.; STRUVE, A.; CHRISTIANEN, C.; LUND-HANSEN, L.C.; NIELSEN, M.H.; VANG, T. Transport and hydraulically-induced recycling of phosphorus in the North Sea-Baltic Sea transition zone. *Oceanologia*, 48(2), 175-191, 2006. [Nutrients]

(3555) KIRBY, M.F.; SMITH, A.J.; BARRY, J.; KATSIADAKI, I.; LYONS, B.; SCOTT, A.P. Differential sensitivity of flounder (*Platichthys flesus*) in response to oestrogenic chemical exposure: an issue for design and interpretation of monitoring and research programmes. *Marine Environmental Research*, 62(4), 315-325, 2006. [Alde; Mersey; Tyne; Port Erin; ethynylestradiol (EE2); vitellogenin; oestrogens]

(3556) KLAUDATOS, S.D.; KLAUDATOS, D.S.; SMITH, J.; BOGDANOS, K.; PAPAGEORGIU, E. Assessment of site specific benthic impact of floating cage farming in the eastern Hios island, Eastern Aegean Sea, Greece. *Journal of Experimental Marine Biology and Ecology*, 338(1), 96-111, 2006. [Nutrients]

(3557) KOPECKA, J.; LEHTONEN, K.K.; BARSIENE, J.; BROEG, K.; VUORINEN, P.J.; GERCKEN, J.; PEMPKOWIAK, J. Measurements of biomarker levels in flounder (*Platichthys flesus*) and blue mussel (*Mytilus trossulus*) from the Gulf of Gdansk (southern Baltic). *Marine Pollution Bulletin*, 53(8/9), 406-421, 2006. [DDTs; HCB; HCHs; PCBs; PBDEs; POPs; PAH metabolites; metallothioneins; AChE; EROD; GST; CAT; LMS; micronuclei; vitellogenin]

(3558) KROEGER, K.D.; COLE, M.L.; VALIELA, I. Groundwater-transported dissolved organic nitrogen exports from coastal watersheds. *Limnology and Oceanography*, 51(5), 2248-2261, 2006. [Eutrophication; nutrients; wastewater]

(3559) LAM, J.C.W.; TANABE, S.; CHAN, S.K.F.; LAM, M.H.W.; MARTIN, M.; LAM, P.K.S. Levels of trace elements in green turtle eggs collected from Hong Kong: evidence of risks due to selenium and nickel. *Environmental Pollution*, 144(3), 790-801, 2006. [Ag; As; Ba; Cd; Co; Cr; Cs; Ni; Pb; Rb; Sb; Se; Sr; Tl; V; Hg; Mo; Zn; Fe; Mn; Cu; Al]

(3560) LANG, T.; WOSNIOK, W.; BARSIENE, J.; BROEG, K.; KOPECKA, J.; PARKKONEN, J. Liver histopathology in Baltic flounder (*Platichthys flesus*) as indicator of biological effects of contaminants. *Marine Pollution Bulletin*, 53(8/9), 488-496, 2006.

(3561) LARA-MARTIN, P.A.; PETROVIC, M.; GOMEZ-PARRA, A.; BARCELO, D.; GONZALEZ-MAZO, E. Presence of surfactants and their degradation intermediates in sediment cores and grabs from the Cadiz Bay area. *Environmental Pollution*, 144(2), 483-491, 2006. [LAS; AES; APEOs; AEOs; SPCs; AP; APECs]

(3562) LEE, S.-J.; KIM, J.-H.; CHANG, Y.-S.; MOON, M.H. Characterization of polychlorinated dibenzo-p-dioxins and dibenzofurans in different particle size fractions of marine sediments. *Environmental Pollution*, 144(2), 554-561, 2006. [PCDDs; PCDFs]

(3563) LEHTONEN, K.K.; LEINIO, S.; SCHNEIDER, R.; LEIVUORI, M. Biomarkers of pollution effects in the bivalves *Mytilus edulis* and *Macoma balthica* collected from the southern coast of Finland (Baltic Sea). *Marine Ecology Progress Series*, 322, 155-168, 2006. [Cd; Cu; Hg; Zn; DDTs; dieldrin; HCB; HCH; 8 PCB congeners; AChE; GST; CAT; metallothionein]

(3564) LEHTONEN, K.K.; SCHIEDEK, D. Chemical pollution - has it been tackled sufficiently? Visions of a healthier Baltic Sea. *Marine Pollution Bulletin*, 53(8/9), 375-376, 2006.

(3565) LEHTONEN, K.K.; SCHIEDEK, D. Monitoring biological effects of pollution in the Baltic Sea: neglected - but still wanted? *Marine Pollution Bulletin*, 53(8/9), 377-386, 2006.

- (3566) LEHTONEN, K.K.; SHIEDEK, D.; KOHLER, A.; LANG, T.; VUORINEN, P.J.; FORLIN, L.; BARSJENE, J.; PEMPKOWIAK, J.; GERCKEN, J. The BEEP project in the Baltic Sea: overview of results and outline for a regional biological effects monitoring strategy. *Marine Pollution Bulletin*, 53(8/9), 523-537, 2006.
- (3567) LIMA, A.F.A. DE; CASTRO, I.B. DE; ROCHA-BARREIRA, C. DE A. Imposex induction in *Stramonita haemastoma floridana* (Conrad, 1837) (Mollusca: Gastropoda: Muricidae) submitted to an organotin-contaminated diet. *Brazilian Journal of Oceanography*, 54(1), 85-90, 2006. [TBT]
- (3568) LINDEBOOM, H.J. Comparison of effects of fishing with effects of natural events and non-fishing anthropogenic impacts on benthic habitats. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.609-617. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41) [Sand extraction; oil and gas extraction; TBT; eutrophication]
- (3569) LINDEROTH, M.; HANSSON, T.; LIEWENBORG, B.; SUNDBERG, H.; NOAKSSON, E.; HANSON, M.; ZEBUHR, Y.; BALK, L. Basic physiological biomarkers in adult female perch (*Perca fluviatilis*) in a chronically polluted gradient in the Stockholm recipient (Sweden). *Marine Pollution Bulletin*, 53(8/9), 437-450, 2006. [DDT]
- (3570) LOUTFY, N.; FUERHACKER, M.; TUNDO, P.; RACCANELLI, S.; EL DIEN, A.G.; AHMED, M.T. Dietary intake of dioxins and dioxin-like PCBs, due to the consumption of dairy products, fish/seafood and meat from Ismailia city, Egypt. *Science of the Total Environment*, 370(1), 1-8, 2006. [PCDDs; PCDFs]
- (3571) LYSIAK-PASTUSZAK, E.; OSOWIECKI, A.; FILIPIAK, M.; OLSZEWSKA, A.; SAPOTA, G.; WORON, J.; KRZYMINSKI, W. Preliminary assessment of the eutrophication status of selected areas in the Polish sector of the Baltic Sea according to the EU Water Framework Directive. *Oceanologia*, 48(2), 213-236, 2006.
- (3572) MANASRAH, R.; RAHEED, M.; BADRAN, M.I. Relationships between water temperature, nutrients and dissolved oxygen in the northern Gulf of Aqaba, Red Sea. *Oceanologia*, 48(2), 237-253, 2006.
- (3573) MASON, R.P.; KIM, E.-H.; CORNWELL, J.; HEYES, D. An examination of the factors influencing the flux of mercury, methylmercury and other constituents from estuarine sediment. *Marine Chemistry*, 102(1/2), 96-110, 2006. [Hg; arsenic; Cd; Fe; Mn; Pb; Zn; nutrients; methylmercury]
- (3574) MCDONAGH, B.; SHEEHAN, D. Redox proteomics in the blue mussel *Mytilus edulis*: Carbonylation is not a pre-requisite for ubiquitination in acute free radical-mediated oxidative stress. *Aquatic Toxicology*, 79(4), 325-333, 2006. [Cd; hydrogen peroxide; menadione]
- (3575) MCKINNEY, M.A.; CESH, L.S.; ELLIOTT, J.E.; WILLIAMS, T.D.; GARCELON, D.K.; LETCHER, R.J. Brominated flame retardants and halogenated phenolic compounds in North American west coast bald eagle (*Haliaeetus leucocephalus*) plasma. *Environmental Science and Technology*, 40(20), 6275-6281, 2006. [PBDE; PBB; HBCD; PCB; octachlorostyrene]
- (3576) MESECK, S.L.; CUTTER, G.A. Evaluating the biogeochemical cycle of selenium in San Francisco Bay through modeling. *Limnology and Oceanography*, 51(5), 2018-2032, 2006. [Se; including refinery inputs]
- (3577) MINIER, C.; MOORE, M.N.; GALGANI, F.; CLAISSE, D. Multixenobiotic resistance protein expression in *Mytilus edulis*, *M. galloprovincialis* and *Crassostrea gigas* from the French coasts. *Marine Ecology Progress Series*, 322, 143-154, 2006. [Cd; Cu; Hg; Pb; Zn; DDTs; HCHs; PCB; PAH]

- (3578) MUNIZ, P.; PIRES-VANIN, A.M.S.; MARTINS, C.C.; MONTONE, R.C.; BICEGO, M.C. Trace metals and organic compounds in the benthic environment of a subtropical embayment (Ubatuba Bay, Brazil). *Marine Pollution Bulletin*, 52(9), 1098-1108, 2006. [Cr; Cu; Zn; PAHs; n-alkanes; pristane; phytane; coprostanol; epicoprostanol; cholesterol; cholestanol; campesterol; sitosterol; stigmasterol; coprostanone; colestanone]
- (3579) MUROLO, P.P. DE A.; CARVALHO, P.V.V. DA C.; CARVALHO, M.L.B.; SOUZA-SANTOS, L.P. DE; SANTOS, P.J.P. DOS. Spatio-temporal variations of microphytobenthos in the Botafogo and Siri estuaries (northeast-Brazil). *Brazilian Journal of Oceanography*, 54(1), 19-30, 2006. [Anthropogenic impact; shrimp farm effluent; nitrogen enrichment; nutrients, organic matter]
- (3580) MYERS, J.H.; GUNTHORPE, L.; ALLINSON, G.; DUDA, S. Effects of antifouling biocides to the germination and growth of the marine macroalga, *Hormosira banksii* (Turner) Desicaine. *Marine Pollution Bulletin*, 52(9), 1048-1055, 2006. [Diuron; Seanine 211; TBT; zinc pyrithione; zineb]
- (3581) NAKAMURA, Y.; HIRATA, A. Plankton community structure and trophic interactions in a shallow and eutrophic estuarine system, Ariake Sound, Japan. *Aquatic Microbial Ecology*, 44(1), 45-57, 2006. [Nutrient enrichment]
- (3582) NAUSCH, M.; NAUSCH, G. Bioavailability of dissolved organic phosphorus in the Baltic Sea. *Marine Ecology Progress Series*, 321, 9-17, 2006.
- (3583) NAVAS, J.M.; SEGNER, H. Vitellogenin synthesis in primary cultures of fish liver cells as endpoint for in vitro screening of the (anti) estrogenic activity of chemical substances. *Aquatic Toxicology*, 80(1), 1-22, 2006.
- (3584) NEJSTGAARD, J.C., (ET AL). Plankton development and trophic transfer in seawater enclosures with nutrients and *Phaeocystis pouchetii* added. *Marine Ecology Progress Series*, 321, 99-121, 2006.
- (3585) NFON, E.; COUSINS, I.T. Interpreting time trends and biomagnification of PCBs in the Baltic region using the equilibrium lipid partitioning approach. *Environmental Pollution*, 144(3), 994-1000, 2006.
- (3586) O'CONNOR, T.P.; LAUENSTEIN, G.G. Trends in chemical concentrations in mussels and oysters collected along the US coast: update to 2003. *Marine Environmental Research*, 62(4), 261-285, 2006. [Arsenic; Cd; Cu; Hg; Ni; Pb; Se; Zn; TBT; PAHs; PCBs; DDTs; chlordanes; dieldrin]
- (3587) PARSONS, E.C.M.; ROSE, N.A.; BASS, C.; PERRY, C.; SIMMONDS, M.P. It's not just poor science - Japan's "scientific" whaling may be a human health risk too. *Marine Pollution Bulletin*, 52(9), 1118-1120, 2006.
- (3588) PERRINS, J.C.; COOPER, W.J.; VAN LEEUWEN, J.(H.); HERWIG, R.P. Ozonation of seawater from different locations: formation and decay of total residual oxidant-implications for ballast water treatment. *Marine Pollution Bulletin*, 52(9), 1023-1033, 2006. [Ozone; bromine; TRO]
- (3589) PUINEAN, A.M.; LABADIE, P.; HILL, E.M.; OSADA, M.; KISHIDA, M.; NAKAO, R.; NOVILLO, A.; CALLARD, I.P.; ROTCHELL, J.M. Laboratory exposure to 17beta-estradiol fails to induce vitellogenin and estrogen receptor gene expression in the marine invertebrate *Mytilus edulis*. *Aquatic Toxicology*, 79(4), 376-383, 2006.
- (3590) QUINTELA, M.; COUCEIRO, L.; RUIZ, J.M.; BARREIRO, R. Discovery of imposex in the gastropod *Cyclope neritea* now invading Galicia (north-west Spain). *Journal of the Marine Biological Association of the United Kingdom*, 86(5), 1171-1173, 2006. [TBT]

- (3591) RAMU, K.; KAJIWARA, N.; LAM, P.K.S.; JEFFERSON, T.A.; ZHOU, K.; TANABE, S. Temporal variation and biomagnification of organohalogen compounds in finless porpoises (*Neophocaena phocaenoides*) from the South China Sea. *Environmental Pollution*, 144(2), 516-523, 2006. [Chlordanes; DDTs; HCB; HCHs; PBDEs; PCBs]
- (3592) ROEPKE, T.A.; CHANG, E.S.; CHERR, G.N. Material exposure to estradiol and endocrine disrupting compounds alters the sensitivity of sea urchin embryos and the expression of an orphan steroid receptor. *Journal of Experimental Zoology Part A: Comparative Experimental Biology*, 305(10), 830-841, 2006. [Estradiol; octylphenol; TBT; DDD]
- (3593) SAID, T.O.; FARAG, R.S.; YOUNIS, A.M.; SHREADAH, M.A. Organotin species in fish and bivalves samples collected from the Egyptian Mediterranean coast of Alexandria, Egypt. *Bulletin of Environmental Contamination and Toxicology*, 77(3), 451-458, 2006. [Dibutyltin; TBT; diphenyltin; total tin; Sn]
- (3594) SCHAANNING, M.; BREYHOLTZ, B.; SKEI, J. Experimental results on effects of capping on fluxes of persistent organic pollutants (POPs) from historically contaminated sediments. *Marine Chemistry*, 102(1/2), 46-59, 2006. [DDT; PAH; PCB]
- (3595) SCHIEDEK, D., (ET AL). Biomarker responses as indication of contaminant effects in blue mussel (*Mytilus edulis*) and female eelpout (*Zoarce viviparus*) from the southwestern Baltic Sea. *Marine Pollution Bulletin*, 53(8/9), 387-405, 2006. [DDTs; PCB; PAH metabolites; metallothionein; EROD; DNA adducts; AChE; lysosomal membrane stability; micronuclei]
- (3596) SIROVA, D.; VRBA, J.; REJMANKOVA, E. Extracellular enzyme activities in benthic cyanobacterial mats: comparison between nutrient-enriched and control sites in marshes of northern Belize. *Aquatic Microbial Ecology*, 44(1), 11-20, 2006.
- (3597) SOROKIN, Y.I.; SOROKIN, P.Y.; RAVAGNAN, G. Hypereutrophication events in the Ca'Pisani lagoons associated with intensive aquaculture. *Hydrobiologia*, 571, 1-15, 2006. [Eutrophication; nutrients; organic waste]
- (3598) TSUZUKI, Y. An index directly indicates land-based pollutant load contributions of domestic wastewater to the water pollution and its application. *Science of the Total Environment*, 370(2/3), 425-440, 2006. [BOD; COD; nutrients]
- (3599) URAKAWA, H.; MAKI, H.; KAWABATA, S.; FUJIWARA, T.; ANDO, H.; KAWAI, T.; HIWATARI, T.; KOHATA, K.; WATANABE, M. Abundance and population structure of ammonia-oxidizing bacteria that inhibit canal sediments receiving effluents from municipal wastewater treatment plants. *Applied and Environmental Microbiology*, 72(10), 6845-6850, 2006. [Organic loading; nutrients]
- (3600) UTHICKE, S. Photosynthetic efficiency and rapid lighter curves of sediment-biofilms along a water quality gradient in the Great Barrier Reef, Australia. *Marine Ecology Progress Series*, 322, 61-73, 2006. [Nutrients; turbidity]
- (3601) VELASCO, J.; LLORET, J.; MILLAN, A.; MARIN, A.; BARAHONA, J.; ABELLAN, P.; SANCHEZ-FERNANDEZ, D. Nutrient and particulate inputs into the Mar Menor lagoon (SE Spain) from an intensive agricultural watershed. *Water, Air, and Soil Pollution*, 176(1-4), 37-56, 2006. [Eutrophication; nutrients; drainage]
- (3602) VERREAULT, J.; NORSTROM, R.J.; RAMSAY, M.A.; MULVIHILL, M.; LETCHER, R.J. Composition of chlorinated hydrocarbon contaminants among major adipose tissue depots of polar bears (*Ursus maritimus*) from the Canadian high Arctic. *Science of the Total Environment*, 370(2/3), 580-587, 2006. [Chlordane; chlorobenzene; DDTs; dieldrin; HCHs; PCBs]

- (3603) VERREAULT, J.; VILLA, R.A.; GABRIELSEN, G.W.; SKAARE, J.U.; LETCHER, R.J. Maternal transfer of organohalogen contaminants and metabolites to eggs of Arctic-breeding glaucous gulls. *Environmental Pollution*, 144(3), 1053-1060, 2006. [PBDEs; polybrominated biphenyls (PBBs) ; methylsulfonyl-PCBs; organochlorine pesticides]
- (3604) WANG, Y.-S.; LOU, Z.-P.; SUN, C.-C.; WU, M.-L.; HAN, S.-H. Multivariate statistical analysis of water quality and phytoplankton characteristics in Daya Bay, China, from 1999 to 2002. *Oceanologia*, 48(2), 193-211, 2006. [Nutrients]
- (3605) WEISS, J.; WALLIN, E.; AXMON, A.; JONSSON, B.A.G.; AKESSON, H.; JANAK, K.; HAGMAR, L.; BERGMAN, A. Hydroxy-PCBs, PBDEs, and HBCDDs in serum from an elderly population of Swedish fishermen's wives and associations with bone density. *Environmental Science and Technology*, 40(20), 6282-6289, 2006.
- (3606) WOLKERS, H.; VAN BAVEL, B.; ERICSON, I.; SKOGLUND, E.; KOVACS, K.M.; LYDERSEN, C. Congener-specific accumulation and patterns of chlorinated and brominated contaminants in adult male walruses from Svalbard, Norway: indications for individual-specific prey selection. *Science of the Total Environment*, 370(1), 70-79, 2006. [PCBs; PBDEs; DDTs; chlordanes; heptachlor epoxide; HCB; HCHs; BDE]
- (3607) YIN, B.; HUANG, L.; GU, J.-D. Biodegradation of 1-methylindole and 3-methylindole by mangrove sediment enrichment cultures and a pure culture of an isolated *Pseudomonas aeruginosa* Gs. *Water, Air, and Soil Pollution*, 176(1-4), 185-199, 2006.

Section 6: Biological Wastes

- (3608) CALLIER, M.D.; WEISE, A.M.; MCKINDSEY, C.W.; DESROSIERS, G. Sedimentation rates in a suspended mussel farm (Great-Entry Lagoon, Canada): biodeposit production and dispersion. *Marine Ecology Progress Series*, 322, 129-141, 2006. [Biodeposit production; faeces]
- (3609) FELSING, M.; TELFER, T.; GLENCROSS, B. 15N-enrichment of an aquaculture diet and tracing of cage culture waste in an estuarine environment. *Journal of Applied Ichthyology*, 22(5), 419-426, 2006.
- (3610) GOVORIN, I.A. Role of mussels from biofouling of coast-protecting hydraulic facilities in forming of microbiological characteristics of marine environment in the beach water area. [In Russian with English summary]. *Gidrobiologicheskii Zhurnal*, 42(3), 41-50, 2006.
- (3611) GRUNEWALD, R. Assessment of damages from recreational activities on coastal dunes of the southern Baltic Sea. *Journal of Coastal Research*, 22(5), 1145-1157, 2006. [Eutrophication; trampling; faecal deposits]
- (3612) JEONG, Y.; SANDERS, B.F.; GRANT, S.B. The information content of high-frequency environmental monitoring data signals pollution events in the coastal ocean. *Environmental Science and Technology*, 40(20), 6215-6220, 2006. [Faecal indicator bacteria]
- (3613) KLAOUDATOS, S.D.; KLAOUDATOS, D.S.; SMITH, J.; BOGDANOS, K.; PAPAGEORGIOU, E. Assessment of site specific benthic impact of floating cage farming in the eastern Hios island, Eastern Aegean Sea, Greece. *Journal of Experimental Marine Biology and Ecology*, 338(1), 96-111, 2006. [Nutrients]
- (3614) MILLER, W.A., (ET AL). *Salmonella* spp., *Vibrio* spp., *Clostridium perfringens*, and *Plesiomonas shigelloides* in marine and freshwater invertebrates from coastal California ecosystems. *Microbial Ecology*, 52(2), 198-206, 2006. [Faecal bacteria]
- (3615) MUNIZ, P.; PIRES-VANIN, A.M.S.; MARTINS, C.C.; MONTONE, R.C.; BICEGO, M.C. Trace metals and organic compounds in the benthic environment of a subtropical embayment (Ubatuba Bay, Brazil). *Marine Pollution Bulletin*, 52(9), 1098-1108, 2006. [Cr; Cu; Zn; PAHs; n-alkanes; pristane; phytane; coprostanol; epicoprostanol; cholesterol; cholestanol; campesterol; sitosterol; stigmasterol; coprostanone; colestanone]
- (3616) MUROLO, P.P. DE A.; CARVALHO, P.V.V. DA C.; CARVALHO, M.L.B.; SOUZA-SANTOS, L.P. DE; SANTOS, P.J.P. DOS. Spatio-temporal variations of microphytobenthos in the Botafogo and Siri estuaries (northeast-Brazil). *Brazilian Journal of Oceanography*, 54(1), 19-30, 2006. [Anthropogenic impact; shrimp farm effluent; nitrogen enrichment; nutrients, organic matter]
- (3617) RUIZ, F.; ABAD, M.; OLIAS, M.; GALAN, E.; GONZALEZ, I.; AGUILA, E.; HAMOUMI, N.; PULIDO, I.; CANTANO, M. The present environmental scenario of the Nador Lagoon (Morocco). *Environmental Research*, 102(2), 215-229, 2006. [Nutrients; arsenic; Cd; Co; Cu; Mn; Pb; Zn; faecal effluent; urban and slaughter house waste; ostracods]
- (3618) SOROKIN, Y.I.; SOROKIN, P.Y.; RAVAGNAN, G. Hypereutrophication events in the Ca'Pisani lagoons associated with intensive aquaculture. *Hydrobiologia*, 571, 1-15, 2006. [Eutrophication; nutrients; organic waste]
- (3619) TSUZUKI, Y. An index directly indicates land-based pollutant load contributions of domestic wastewater to the water pollution and its application. *Science of the Total Environment*, 370(2/3), 425-440, 2006. [BOD; COD; nutrients]

(3620) URAKAWA, H.; MAKI, H.; KAWABATA, S.; FUJIWARA, T.; ANDO, H.; KAWAI, T.; HIWATARI, T.; KOHATA, K.; WATANABE, M. Abundance and population structure of ammonia-oxidizing bacteria that inhabit canal sediments receiving effluents from municipal wastewater treatment plants. *Applied and Environmental Microbiology*, 72(10), 6845-6850, 2006. [Organic loading; nutrients]

Section 7: Heat

- (3621) BERGER, M.S.; YOUNG, C.M. Physiological response of the cold-seep mussel *Bathymodiolus childressi* to acutely elevated temperature. *Marine Biology*, 149(6), 1397-1402, 2006.
- (3622) DESAI, D.V.; ANIL, A.C.; VENKAT, K. Reproduction in *Balanus amphitrite* Darwin (Cirripedia: Thoracica): influence of temperature and food concentration. *Marine Biology*, 149(6), 1431-1441, 2006.
- (3623) LEANDRO, S.M.; QUEIROGA, H.; RODRIGUEZ-GRANA, L.; TISELIUS, P. Temperature-dependent development and somatic growth in two allopatric populations of *Acartia clausi* (Copepoda: Calanoida). *Marine Ecology Progress Series*, 322, 189-197, 2006.
- (3624) SAMMARCO, P.W.; WINTER, A.; STEWART, J.C. Coefficient of variation of sea surface temperature (SST) as an indicator of coral bleaching. *Marine Biology*, 149(6), 1337-1344, 2006.
- (3625) VATTAKAVEN, T.; BOND, P.; BRADLEY, G.; MUNN, C.B. Differential effects of temperature and starvation on induction of the viable-but-nonculturable state in the coral pathogens *Vibrio shiloi* and *Vibrio tasmaniensis*. *Applied and Environmental Microbiology*, 72(10), 6508-6513, 2006. [V.tasmaniensis isolated from necrotic tissue of *Eunicella verrucosa* off Lundy]
- (3626) ANTONELIS, G.A.; BAKER, J.D.; JOHANOS, T.H.; BRAUN, R.C.; HARTING, A.L. Hawaiian monk seal (*Monachus schauinslandi*): status and conservation issues. *Atoll Research Bulletin*, 543, 75-101, 2006. [Impact of fisheries; entanglement; debris; human disturbance; contaminants]

Section 8: Solids

- (3627) BOLAND, R.; ZGLICZYNSKI, B.; ASHER, J.; HALL, A.; HOGREFE, K.; TIMMERS, M. Dynamics of debris densities and removal at the Northwestern Hawaiian Islands coral reefs. *Atoll Research Bulletin*, 543, 461-470, 2006.
- (3628) BOTHNER, M.H.; REYNOLDS, R.L.; CASSO, M.A.; STORLAZZI, C.D.; FIELD, M.E. Quantity, composition, and source of sediment collected in sediment traps along the fringing coral reef off Molokai, Hawaii. *Marine Pollution Bulletin*, 52(9), 1034-1047, 2006. [Ag; Arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn]
- (3629) BURKE, L.; MAIDENS, J., (EDITORS). *Reefs at risk in the Caribbean*. 80p. Washington, DC: World Resources Institute, 2004.
- (3630) CALLIER, M.D.; WEISE, A.M.; MCKINDSEY, C.W.; DESROSIERS, G. Sedimentation rates in a suspended mussel farm (Great-Entry Lagoon, Canada): biodeposit production and dispersion. *Marine Ecology Progress Series*, 322, 129-141, 2006. [Biodeposit production; faeces]
- (3631) CRONIN, M.; MCGOVERN, E.; MCMAHON, T.; BOELEN, R. Guidelines for the assessment of dredge material for disposal in Irish waters. *Marine Environment and Health Series*, (24), 56p., 2006.
- (3632) DE ARAUJO, M.C.B.; COSTA, M.F. Municipal services on tourist beaches: costs and benefits of solid waste collection. *Journal of Coastal Research*, 22(5), 1070-1075, 2006. [Plastic]
- (3633) DE FALCO, G.; BAROLI, M.; MURRU, E.; PIERGALLINI, G.; CANCEMI, G. Sediment analysis evidences two different depositional phenomena influencing seagrass distribution in the Gulf of Oristano (Sardinia, Western Mediterranean). *Journal of Coastal Research*, 22(5), 1043-1050, 2006. [Dredging; port building]
- (3634) FENSTER, M.S.; KNISLEY, C.B.; REED, C.T. Habitat preference and the effects of beach nourishment on the federally threatened northeastern beach tiger beetle, *Cicindela dorsalis dorsalis*: western shore, Chesapeake Bay, Virginia. *Journal of Coastal Research*, 22(5), 1133-1144, 2006.
- (3635) GAGE, J.D.; ROBERTS, J.M.; HARTLEY, J.P.; HUMPHERY, J.D. Potential impacts of deep-sea trawling on the benthic ecosystem along the northern European continental margin: a review. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.503-517. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3636) GREHAN, A.J.; UNNITHAN, V.; OLU-LE ROY, K.; OPDERBECKE, J. Fishing impacts on Irish deepwater coral reefs: making a case for coral conservation. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.819-832. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3637) HOFMEYR, G.J.G.; BESTER, M.N.; KIRKMAN, S.P.; LYDERSEN, C.; KOVACS, K.M. Entanglement of Antarctic fur seals at Bouvetoya, Southern Ocean. *Marine Pollution Bulletin*, 52(9), 1077-1080, 2006.
- (3638) KELLEY, C.; IKEHARA, W. The impacts of bottomfishing on Raita and West St. Rogatien Banks in the Northwestern Hawaiian Islands. *Atoll Research Bulletin*, 543, 305-317, 2006.

(3639) KUTTI, T.; HOISAETER, T.; RAPP, H.T.; HUMBORSTAD, O.-B.; LOKKEBORG, S.; NOTTESTAD, L. Immediate effects of experimental otter trawling on a sub-arctic benthic assemblage inside Bear Island Fishery Protection Zone in the Barents Sea. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.519-528. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3640) SHALLENBERGER, R.J. History of management in the Northwestern Hawaiian Islands. Atoll Research Bulletin, 543, 23-31, 2006.

(3641) UTHICKE, S. Photosynthetic efficiency and rapid lighter curves of sediment-biofilms along a water quality gradient in the Great Barrier Reef, Australia. Marine Ecology Progress Series, 322, 61-73, 2006. [Nutrients; turbidity]

(3642) WILBER, D.H.; CLARKE, D.G.; BURLAS, M.H. Suspended sediment concentrations associated with a beach nourishment project on the northern coast of New Jersey. Journal of Coastal Research, 22(5), 1035-1042, 2006.

Section 9: Physical Disturbance

(3643) ANTONELIS, G.A.; BAKER, J.D.; JOHANOS, T.H.; BRAUN, R.C.; HARTING, A.L. Hawaiian monk seal (*Monachus schauinslandi*): status and conservation issues. *Atoll Research Bulletin*, 543, 75-101, 2006. [Impact of fisheries; entanglement; debris; human disturbance; contaminants]

(3644) BAISRE, J.A.; ARBOLEYA, Z. Going against the flow: effects of river damming in Cuban fisheries. *Fisheries Research*, 81(2/3), 283-292, 2006.

(3645) BARNES, P.W.; THOMAS, J.P., (EDITORS). Benthic habitats and the effects of fishing. *Proceedings of Symposium on Effects of Fishing Activities on Benthic Habitats: linking geology, biology, socioeconomics and management held in Tampa, Florida, USA 12-14 November 2002*. xx, 890p. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3646) BETT, B.J.; BILLET, D.S.M.; MASSON, D.G.; MAYOR, D. The impact of demersal trawling on northeast Atlantic deepwater coral habitats: the case of the Darwin Mounds, United Kingdom. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.807-817. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41) [Rockall Trough]

(3647) BOTHNER, M.H.; REYNOLDS, R.L.; CASSO, M.A.; STORLAZZI, C.D.; FIELD, M.E. Quantity, composition, and source of sediment collected in sediment traps along the fringing coral reef off Molokai, Hawaii. *Marine Pollution Bulletin*, 52(9), 1034-1047, 2006. [Ag; Arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn]

(3648) BREMNER, J.; FRID, C.L.J.; ROGERS, S.I. Biological traits of the North Sea benthos: does fishing affect benthic ecosystem function? In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.477-489. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3649) BROWN, E.J.; FINNEY, B.; HILLS, S.; DOMMISSE, M. Effects of commercial otter trawling on benthic communities in the southeastern Bering Sea. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.439-460. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3650) CARSTENSEN, J.; HENRIKSEN, O.D.; TEILMANN, J. Impacts of offshore wind farm construction on harbour porpoises: acoustic monitoring of echo-location activity using porpoise detectors (T-PODs). *Marine Ecology Progress Series*, 321, 295-308, 2006. [Construction activities; ramming/vibration activities; Nysted Offshore Wind Farm]

(3651) CARVALHO, S.; MOURA, A.; SPRUNG, M. Ecological implications of removing seagrass beds (*Zostera noltii*) for bivalve aquaculture in southern Portugal. *Cahiers de Biologie Marine*, 47(3), 321-329, 2006. [Amphipods as bioindicators]

(3652) COLLIE, J.S.; HERMSEN, J.M.; VALENTINE, P.C.; ALMEIDA, F.P. Effects of fishing on gravel habitats: assessment and recovery of benthic megafauna on Georges Bank. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.325-343. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3653) DE FALCO, G.; BAROLI, M.; MURRU, E.; PIERGALLINI, G.; CANCEMI, G. Sediment analysis evidences two different depositional phenomena influencing seagrass distribution in the Gulf of Oristano (Sardinia, Western Mediterranean). *Journal of Coastal Research*, 22(5), 1043-1050, 2006. [Dredging; port building]

- (3654) DEALTERIS, J. An alternative paradigm for the conservation of fish habitat based on vulnerability, risk, and availability applied to the Continental Shelf of the northwestern Atlantic. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.785-794. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3655) DOUNAS, C.G.; DAVIES I.M.; HAYES, P.J.; ARVANITIDIS, C.D.; KOULOURI, P.T. The effect of different types of otter trawl ground rope on benthic nutrient releases and sediment biogeochemistry. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.539-544. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3656) ERM, A.; SOOMERE, T. The impact of fast ferry traffic on underwater optics and sediment resuspension. *Oceanologia*, 48(S), 283-301, 2006.
- (3657) ESCOBAR, E.; FALCON, L.I. Sediment oxygen consumption in the southwestern Gulf of Mexico. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.219-233. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41) [Natural change; impact of fishing activities]
- (3658) FOGARTY, M.J. Impacts of fishing activities on benthic habitat and carrying capacity: approaches to assessing and managing risk. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.769-784. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3659) FRASER, C.; HUTCHINGS, P.; WILLIAMSON, J. Long-term changes in polychaete assemblage of Botany Bay (NSW, Australia) following a dredging event. *Marine Pollution Bulletin*, 52(9), 997-1010, 2006. [Aggregate extraction; polychaetes]
- (3660) FRID, C.L.J.; ROBINSON, L.A.; BREMNER, J. Muddy thinking: ecosystem-based management of marine benthos. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.651-665. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41) [Off Northumberland; English Channel]
- (3661) GAGE, J.D.; ROBERTS, J.M.; HARTLEY, J.P.; HUMPHERY, J.D. Potential impacts of deep-sea trawling on the benthic ecosystem along the northern European continental margin: a review. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.503-517. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3662) GARES, P.A.; WANG, Y.; WHITE, S.A. Using LIDAR to monitor a beach nourishment project at Wrightsville Beach, North Carolina, USA. *Journal of Coastal Research*, 22(5), 1206-1219, 2006.
- (3663) GILKINSON, K.D.; GORDON, D.C., JR; MCKEOWN, D.; RODDICK, D.; KENCHINGTON, E.L.; MACISAAC, K.G.; BOURBONNAIS, C.; VASS, W.P. Susceptibility of the soft coral *Gersemia rubiformis* to capture by hydraulic clam dredges off eastern Canada: the significance of soft coral-shell associations. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.383-390. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3664) GORDON, D.C., JR; GILKINSON, K.D.; KENCHINGTON, E.L.; BOURBONNAIS, C.; MACISAAC, K.G.; MCKEOWN, D.L.; VASS, W.P. Summary of the Grand Banks otter trawling experiment (1993-1995): effects on benthic habitat and macrobenthic communities. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.411-424. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

- (3665) GREHAN, A.J.; UNNITHAN, V.; OLU-LE ROY, K.; OPDERBECKE, J. Fishing impacts on Irish deepwater coral reefs: making a case for coral conservation. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.819-832. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3666) GRIFFITHS, J.; DETHIER, M.N.; NEWSOM, A.; BYERS, J.E.; MEYER, J.J.; OYARZUN, F.; LENIHAN, H. Invertebrate community responses to recreational clam digging. *Marine Biology*, 149(6), 1489-1497, 2006.
- (3667) GRUNEWALD, R. Assessment of damages from recreational activities on coastal dunes of the southern Baltic Sea. *Journal of Coastal Research*, 22(5), 1145-1157, 2006. [Eutrophication; trampling; faecal deposits]
- (3668) HERKUL, K.; KOTTA, J.; KOTTA, I.; ORAV-KOTTA, H. Effects of physical disturbance, isolation and key macrozoobenthic species on community development, recolonisation and sedimentation processes. *Oceanologia*, 48(S), 267-282, 2006.
- (3669) JENNINGS, S.; FREEMAN, S.; PARKER, R.; DUPLISEA, D.E.; DINMORE, T.A. Ecosystem consequences of bottom fishing disturbance. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.73-90. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41) [Review]
- (3670) KELLEY, C.; IKEHARA, W. The impacts of bottomfishing on Raita and West St. Rogatien Banks in the Northwestern Hawaiian Islands. *Atoll Research Bulletin*, 543, 305-317, 2006.
- (3671) KENCHINGTON, E.L.; GORDON, D.C., JR; BOURBONNAIS-BOYCE, C.; MACISAAC, K.G.; GILKINSON, K.D.; MCKEOWN, D.L.; VASS, W.P. Effects of experimental otter trawling on the feeding of demersal fish on Western Bank, Nova Scotia. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.391-409. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3672) KENCHINGTON, E.L.R.; GILKINSON, K.D.; MACISAAC, K.G.; BOUBONNAIS-BOYCE, C.; KENCHINGTON, T.J.; SMITH, S.J.; GORDON, D.C., JR. Effects of experimental otter trawling on benthic assemblages on Western Bank, northwest Atlantic Ocean. *Journal of Sea Research*, 56(3), 249-270, 2006.
- (3673) KHRIPOUNOFF, A.; CAPRAIS, J.-C.; CRASSOUS, P.; ETOUBLEAU, J. Geochemical and biological recovery of the disturbed seafloor in polymetallic nodule fields of the Clipperton-Clarion Fracture Zone (CCFZ) at 5,000-m depth. *Limnology and Oceanography*, 51(5), 2033-2041, 2006. [Dredging]
- (3674) KOENIG, C.C.; SHEPARD, A.N.; REED, J.K.; COLEMAN, F.C.; BROOKE, S.D.; BRUSHER, J.; SCANLON, K.M. Habitat and fish populations in the deep-sea *Oculina* coral ecosystem of the western Atlantic. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.795-805. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3675) KOSTYLEV, V.E.; TODD, B.J.; LONGVA, O.; VALENTINE, P.C. Characterization of benthic habitat on northeastern Georges Bank, Canada. In: Barnes, P.W.; Thomas, J.P., (editors). *Benthic habitats and the effects of fishing*. p.141-152. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3676) KOULOURI, P.T.; DOUNAS, C.G.; ELEFThERIOU, A. Preliminary results on the effect of otter trawling on hyperbenthic communities in Heraklion Bay, Cretan Sea, eastern Mediterranean. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.529-537. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3677) KUTTI, T.; HOISAETER, T.; RAPP, H.T.; HUMBORSTAD, O.-B.; LOKKEBORG, S.; NOTTESTAD, L. Immediate effects of experimental otter trawling on a sub-arctic benthic assemblage inside Bear Island Fishery Protection Zone in the Barents Sea. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.519-528. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3678) LINDEBOOM, H.J. Comparison of effects of fishing with effects of natural events and non-fishing anthropogenic impacts on benthic habitats. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.609-617. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41) [Sand extraction; oil and gas extraction; TBT; eutrophication]

(3679) LINK, J.; ALMEIDA, F.; VALENTINE, P.; AUSTER, P.; REID, R.; VITALIANO, J. The effects of area closures on Georges Bank. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.345-368. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41) [Recovery of habitat and fauna]

(3680) MCCONNAUGHEY, R.A.; SYRJALA, S.E.; DEW, C.B. Effects of chronic bottom trawling on the size structure of soft-bottom benthic invertebrates. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.425-437. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3681) MORTENSEN, P.B.; BUHL-MORTENSEN, L.; GORDON, D.C., JR; FADER, G.B.J.; MCKEOWN, D.L.; FENTON, D.G. Effects of fisheries on deepwater gorgonian corals in the Northeast Channel, Nova Scotia. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.369-382. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3682) NORSE, E.A. Destructive fishing practices and evolution of the marine ecosystem-based management paradigm. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.101-114. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3683) PAUTZKE, C. The challenge of protecting fish habitat through the Magnuson-Stevens Fishery Conservation and Management Act. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.19-39. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3684) PERCIVAL, P.; FRID, C.; UPSTILL-GODDARD, R. The impact of trawling on benthic nutrient dynamics in the North Sea: implications of laboratory experiments. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.491-501. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3685) PRANOVI, F.; RAICEVICH, S.; LIBRALATO, S.; DA PONTE, F.; GIOVANARDI, O. Trawl fishing disturbance and medium-term macroinfaunal recolonization dynamics: a functional approach to the comparison between sand and mud habitats in the Adriatic Sea (northern Mediterranean Sea). In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.545-569. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

- (3686) RICE, J. Challenges, objectives, and sustainability: benthic community, habitats and management decision-making. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.41-58. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3687) ROBINSON, L.A.; FRID, C.L.J. Extrapolating extinctions and extirpations: searching for a pre-fishing state of the benthos. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.619-628. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3688) ROSE, C.S.; JORGENSEN, E.M. Spatial and temporal distributions of bottom trawling off Alaska: consideration of overlapping effort when evaluating the effects of fishing on habitat. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.679-690. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3689) SHALLENBERGER, R.J. History of management in the Northwestern Hawaiian Islands. Atoll Research Bulletin, 543, 23-31, 2006.
- (3690) SHERIDAN, P.; DOERR, J. Short-term effects of the cessation of shrimp trawling on Texas benthic habitats. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.571-578. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3691) SOOMERE, T. Nonlinear ship wake waves as a model of rogue waves and a source of danger to the coastal environment: a review. Oceanologia, 48(S), 185-202, 2006.
- (3692) STEELE, J., (ET AL). National Research Council Study on the effects of trawling and dredging on seafloor habitat. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.91-99. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3693) STONE, R.P.; MASUDA, M.M.; MALECHA, P.W. Effects of bottom trawling on soft-sediment epibenthic communities in the Gulf of Alaska. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.461-475. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3694) THOMAS, J.P.; BARNES, P.W. Benthic habitats and effects of fishing: linking geology, biology, socioeconomics, and management in fisheries - an introduction. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.3-7. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3695) THRUSH, S.F.; LUNDQUIST, C.J.; HEWITT, J.E. Spatial and temporal scales of disturbance to the seafloor: a generalized framework for active habitat management. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.639-649. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)
- (3696) UHRIN, A.V.; FONSECA, M.S.; DIDOMENICO, G.P. Effect of Caribbean spiny lobster traps on seagrass beds of the Florida Keys National Marine Sanctuary: damage assessment and evaluation of recovery. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.579-588. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3697) UPTON, H.F.; SUTINEN, J.G. When do marine protected areas pay? An analysis of stylized fisheries. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.745-757. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41) [Including habitat related damage]

(3698) WAKEFIELD, W.W.; WHITMIRE, C.E.; CLEMONS, J.E.R.; TISSOT, B.N. Fish habitat studies: combining high-resolution geological and biological data. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.119-138. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

(3699) WALLACE, D.H.; HOFF, T.B. Hydraulic clam dredge effects on benthic habitat off the northeastern United States. In: Barnes, P.W.; Thomas, J.P., (editors). Benthic habitats and the effects of fishing. p.691-693. Bethesda, Maryland: American Fisheries Society, 2005. (American Fisheries Society Symposium 41)

Section 10: Non-indigenous Species

- (3700) ALLEN, B.M.; POWER, A.M.; O'RIORDAN, R.M.; MYERS, A.A.; MCGRATH, D. Increases in the abundance of the invasive barnacle *Elminius modestus* Darwin in Ireland. *Biology and Environment. Proceedings of the Royal Irish Academy, Section B*, 106(2), 155-161, 2006. [89 shores sampled around Ireland]
- (3701) BINET, M.T.; STAUBER, J.L. Rapid flow cytometric method for the assessment of toxic dinoflagellate cyst viability. *Marine Environmental Research*, 62(4), 247-260, 2006. [Ballast water; *Alexandrium catenella*]
- (3702) BOWNES, S.J.; MCQUAID, C.D. Will the invasive mussel *Mytilus galloprovincialis* Lamarck replace the indigenous *Perna perna* L. on the south coast of South Africa? *Journal of Experimental Marine Biology and Ecology*, 338(1), 140-151, 2006.
- (3703) CINAR, M.E., (ET AL). Temporal changes of soft-bottom zoobenthic communities in and around Alsancak Harbor (Izmir Bay, Aegean Sea), with special attention to the autecology of exotic species. *Marine Ecology*, 27(3), 229-246, 2006.
- (3704) CZERNIEJEWSKI, P.; WAWRZYNIAK, W. Body weight, condition, and carapace width and length in the Chinese mitten crab (*Eriocheir sinensis* H. Milne-Edwards, 1853) collected from the Szczecin Lagoon (NW Poland) in spring and autumn 2001. *Oceanologia*, 48(2), 275-285, 2006.
- (3705) ERYILMAZ, L.; DALYAN, C. First record of *Apogon queketti* Gilchrist (Osteichthyes: Apogonidae) in the Mediterranean Sea. *Journal of Fish Biology*, 69(4), 1251-1254, 2006. [Lessepsian migration]
- (3706) HALLEGRAEFF, G.; GOLLASCH, S. Anthropogenic introductions of microalgae. In: Graneli, E.; Turner, J.T., (editors). *Ecology of harmful algae*. p.379-390. Berlin: Springer, 2006. (Ecological Studies, Vol.189)
- (3707) LITVINCHUK, L.F.; TELESH, I.V. Distribution, population structure and ecosystem effects of the invader *Cercopagis pengoi* (Polyphemoidea, Cladocera) in the Gulf of Finland and the open Baltic Sea. *Oceanologia*, 243-257, 2006.
- (3708) MARTIN, S.; THOUZEAU, G.; CHAUVAUD, L.; JEAN, F.; GUERIN, L. Respiration, calcification, and excretion of the invasive slipper limpet, *Crepidula fornicata* L.: implications for carbon, carbonate, and nitrogen fluxes in affected areas. *Limnology and Oceanography*, 51(5), 1996-2007, 2006. [Bay of Brest]
- (3709) OLSZEWSKA, A. New records of *Cercopagis pengoi* (Ostroumov 1891) in the southern Baltic. *Oceanologia*, 48(2), 319-321, 2006.
- (3710) OVCARENKO, I.; AUDZIJONYTE, A.; GASIUNAITE, Z.R. Tolerance of *Paramysis lacustris* and *Limnomysis benedeni* (Crustacea, Mysida) to sudden salinity changes: implications for ballast water treatment. *Oceanologia*, 48(S), 231-242, 2006.
- (3711) PERRINS, J.C.; COOPER, W.J.; VAN LEEUWEN, J.(H.); HERWIG, R.P. Ozonation of seawater from different locations: formation and decay of total residual oxidant-implications for ballast water treatment. *Marine Pollution Bulletin*, 52(9), 1023-1033, 2006. [Ozone; bromine; TRO]

- (3712) PIECHURA, J.; PEMPKOWIAK, J.; RADZIEJEWSKA, T.; USCINOWICZ, S. What we know about the Baltic Sea: a summary of BSSC 2005. *Oceanologia*, 48(S), 3-19, 2006.
- (3713) QUINTELA, M.; COUCEIRO, L.; RUIZ, J.M.; BARREIRO, R. Discovery of imposex in the gastropod *Cyclope neritea* now invading Galicia (north-west Spain). *Journal of the Marine Biological Association of the United Kingdom*, 86(5), 1171-1173, 2006. [TBT]
- (3714) RADZIEJEWSKA, T.; GRUSZKA, P.; ROKICKA-PRAXMAJER, J. A home away from home: a meiobenthic assemblage in a ship's ballast water tank sediment. *Oceanologia*, 48(S), 259-265, 2006.
- (3715) RAMESH, S.; JAYAPRAKASHVEL, M.; MATHIVANAN, N. Microbial status in seawater and coastal sediments during pre- and post-tsunami periods in the Bay of Bengal, India. *Marine Ecology*, 27(3), 198-203, 2006.
- (3716) SCHMIDT, A.L.; SCHEIBLING, R.E. A comparison of epifauna and epiphytes on native kelps (*Laminaria* species) and an invasive alga (*Codium fragile* ssp. *tomentosoides*) in Nova Scotia, Canada. *Botanica Marina*, 49(4), 315-330, 2006.
- (3717) SHALLENBERGER, R.J. History of management in the Northwestern Hawaiian Islands. *Atoll Research Bulletin*, 543, 23-31, 2006.
- (3718) SPICER, J.I.; JANAS, U. The beachflea *Platorchestia platensis* (Kroyer, 1845): a new addition to the Polish fauna (with a key to Baltic talitrid amphipods). *Oceanologia*, 48(2), 287-295, 2006.
- (3719) STAM, W.T.; OLSEN, J.L.; ZALESKI, S.F.; MURRAY, S.N.; BROWN, K.R.; WALTERS, L.J. A forensic and phylogenetic survey of *Caulerpa* species (*Caulerpales*, *Chlorophyta*) from the Florida coast, local aquarium shops, and e-commerce: establishing a proactive baseline for early detection. *Journal of Phycology*, 42(5), 1113-1124, 2006.
- (3720) STRONG, J.A.; DRING, M.J.; MAGGS, C.A. Colonisation and modification of soft substratum habitats by the invasive macroalga *Sargassum muticum*. *Marine Ecology Progress Series*, 321, 87-97, 2006. [Langstone Harbour; Strangford Lough]
- (3721) TERRADOS, J.; MARBA, N. Is the vegetative development of the invasive chlorophycean, *Caulerpa taxifolia*, favored in sediments with a high content of organic matter? *Botanica Marina*, 49(4), 331-338, 2006.
- (3722) YOKES, B.; GALIL, B.S. New records of alien decapods (*Crustacea*) from the Mediterranean coast of Turkey, with a description of a new palaemonid species. *Zoosystema*, 28(3), 747-755, 2006.