# Marine Pollution Research Titles

## CONTENTS

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>1</td>
</tr>
<tr>
<td>Petroleum Hydrocarbons</td>
<td>6</td>
</tr>
<tr>
<td>Metals</td>
<td>9</td>
</tr>
<tr>
<td>Radioactivity</td>
<td>13</td>
</tr>
<tr>
<td>Other Chemicals</td>
<td>14</td>
</tr>
<tr>
<td>Biological Wastes</td>
<td>22</td>
</tr>
<tr>
<td>Heat</td>
<td>24</td>
</tr>
<tr>
<td>Solids</td>
<td>25</td>
</tr>
<tr>
<td>Physical Disturbance</td>
<td>27</td>
</tr>
<tr>
<td>Non-indigenous Species</td>
<td>29</td>
</tr>
</tbody>
</table>

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

**Subscription**

Volume 33: January - December 2006: £120 (US $230) Available online
Marine Pollution Research Titles

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

Section 1: General
General discussions on marine and estuarine pollution; remote sensing, pollution indicators, and monitoring systems; mathematical models, experimental methods and equipment and general chemical analysis. Aspects relating to a particular group of pollutants are included under that section, and if necessary the item is repeated in several sections.

Section 2: Petroleum Hydrocarbons
Includes the detection, analysis and levels in the marine and estuarine environment; effects; oil characteristics; oil removal, including the use of dispersants, biodegradation etc.

Section 3: Metals
Includes the detection, analysis, modelling, levels, effects and removal, etc.

Section 4: Radioactivity
Includes the detection, analysis, modelling, levels, effects and removal, etc.

Section 5: Other Chemicals
Includes the detection, analysis, modelling, levels, effects and removal, etc. Pollutants include pesticides, PCBs, halogenated hydrocarbons, phthalates etc.

Section 6: Biological Wastes
Includes the detection, analysis, modelling, levels, effects and removal, etc. Pollutants include sewage, pulp and paper, and food processing

Section 7: Heat
Includes the detection, analysis, modelling, and effects etc.

Section 8: Solids
Includes the detection, analysis, modelling, and effects etc. Pollutants include dredging wastes, plastics, china clay, mining effluents etc.

Section 9: Physical Disturbance
Includes the detection, analysis, modelling, effects and recovery, etc

Section 10: Non-indigenous Species
Includes records, environmental impact etc.
Marine Pollution Information Centre

Scope

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

Services

The Centre provides a number of services to its users:

Abstracting and Indexing

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

Contracts

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

Enquiries

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

Reference Collection

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

Further Information

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

Telephone: 01752 633266
Fax: 01752 633102
Email nmbl@pml.ac.uk
Web http://www.mba.ac.uk/nmbl/
Section 1: General

(1358) ALTIER, A.H.; WITMAN, J.D. Local extinction of a foundation species in a hypoxic estuary: integrating individuals to ecosystm. Ecology, 87(3), 717-730, 2006. [Eutrophication; dissolved oxygen; environmental stress]

(1360) AMADO, L.L.; ROBALDO, R.B.; GERACITANO, L.; MONSERRAT, J.M.; BIANCHINI, A. Biomarkers of exposure and effect in the Brazilian flounder Paralichthys orbignyanus (Teleostei: Paralichthyidae) from the Patos Lagoon estuary (Southern Brazil). Marine Pollution Bulletin, 52(2), 207-213, 2006. [DNA damage; oxidative stress; catalase; GST; metallothionein]


(1371) GRATWICKE, B.; SPEIGHT, M.R. Comparison of fish assemblages and water quality in two marinas in the British Virgin Islands. Gulf and Caribbean Research, 18, 35-40, 2006. [Eutrophication; dissolved oxygen; nutrients; bioindicators]


(1373) HAMDAN, L.J.; JONAS, R.B. Seasonal and interannual dynamics of free-living bacterioplankton and microbiologically labile organic carbon along the salinity gradient of the Potomac River. Estuaries and Coasts, 29(1), 40-53, 2006. [Bacterioplankton abundance (BA) may be an important indicator of ecosystem health; eutrophication]


(1377) INTERNATIONAL COUCIL FOR THE EXPLORATION OF THE SEA, MARINE HABITAT COMMITTEE. Report of the Working Group on the Statistical Aspects of Environmental Monitoring (WGS/ASEM), 1-5 March 2004 ICES Headquarters, Copenhagen. ICES Council Meeting Papers, C.M. 2004/E:1, 56p., 2004. [As; Cd; Cr; Cu; Hg; Ni; Pb; Zn; PAHs; nutrients]


(1398) RENEERKENS, J.; PIERSMA, T.; SPAANS, B. De Waddenzee als kruispunt van vogeltrekwegen. NIOZ-Rapport, 2005-4, 125p., 2005. [Wadden Sea; bird populations; impact of fisheries; tourism; military activity; windfarms; harbour extensions; pollutants]


(1401) ROOS, P.; VALEUR, J.R. A sediment trap and radionuclide study to determine resuspension of particle reactive substances in the sound between Sweden and Denmark. Continental Shelf Research, 26(4), 474-487, 2006. [Boat traffic; resuspension; pollutant transport]


Section 2: Petroleum Hydrocarbons

(1411) AMADO, L.L.; ROBALDO, R.B.; GERACITANO, L.; MONSERRAT, J.M.; BIANCHINI, A. Biomarkers of exposure and effect in the Brazilian flounder Paralichthys orbignyanus (Teleostei: Paralichthyidae) from the Patos Lagoon estuary (Southern Brazil). Marine Pollution Bulletin, 52(2), 207-213, 2006. [DNA damage; oxidative stress; catalase; GST; metallothionein]

(1412) BMT CORDAH LIMITED. Chemical and macrobenthic monitoring in Orka Voe: June 2005. A report for SOTEAG. v, 31p. Aberdeen: Shetland Oil Terminal Environmental Advisory Group, 2006. (BMT Cordah/A.SOT.021/2005) [Sullom Voe; Ba; Cd; Cr; Cu; Ni; Pb; Sr; V; Zn; PAHs; aliphatic hydrocarbons]


(1416) FERREIRA, M.; MORADAS-FERREIRA, P.; REIS-HENRIQUES, M.A. The effect of long-term depuration on phase I and phase II biotransformation in mullets (Mugil cephalus) chronically exposed to pollutants in River Douro Estuary, Portugal. Marine Environmental Research, 61(3), 326-338, 2006. [Benzo(a)pyrene; naphthalene; phenanthrene; pyrene; PAH; FACs EROD; GST]


(1419) INTERNATIONAL COUCIL FOR THE EXPLORATION OF THE SEA, MARINE HABITAT COMMITTEE. Report of the Working Group on the Statistical Aspects of Environmental Monitoring (WGSAME), 1-5 March 2004 ICES Headquarters, Copenhagen. ICES Council Meeting Papers, C.M. 2004/E:1, 56p., 2004. [As; Cd; Cr; Cu; Hg; Ni; Pb; Zn; PAHs; nutrients]


(1423) INTERNATIONAL OIL POLLUTION COMPENSATION FUNDS. Report on the activities of the International Oil Pollution Compensation Funds in 2005. 199p. International Oil Pollution Compensation Funds, 2006. [Including Braer; Prestige]


(1430) MORENO-GARRIDO, I.; ROBEVILLE, N.; RIBA, I.; DELVALLS, T.A. Toxicity of sediment from a mining spill Cylindrotheca closterium (Ehremberg) Lewin and Reimann (Bacillariophyceae). Bulletin of Environmental Contamination and Toxicology, 76(1), 66-72, 2006. [PAHs; As; Cd; Cu; Pb; Zn; Aroclor 1242; Aroclor 1260]


(1434) REYNAUD, S.; DESCHAUX, P. The effects of polycyclic aromatic hydrocarbons on the immune system of fish: a review. Aquatic Toxicology, 77(2), 229-238, 2006. [PAHs]


Section 3: Metals

(1437) ACEVEDO-FIGUEROA, D.; JIMENEZ, B.D.; RODRIGUEZ-SIERRA, C.J. Trace metals in sediments of two estuarine lagoons from Puerto Rico. Environmental Pollution, 141(2), 336-342, 2006. [As; Cd; Cu; Fe; Hg; Pb; Zn]

(1438) ALVARDO, N.E.; QUESADA, I.; HYLLAND, K.; MARIGOMEZ, I.; SOTO, M. Quantitative changes in metallothionein expression in target cell-types in the gills of turbot (Scophthalmus maximus) exposed to Cd, Cu, Zn and after a depuration treatment. Aquatic Toxicology, 77(1), 64-77, 2006.

(1439) AMADO, L.L., (ET AL). Biomarkers in croakers Micropogonias furnieri (Teleostei: Sciaenidae) from polluted and non-polluted areas from the Patos Lagoon estuary (Southern Brazil): evidences of genotoxic and immunological effects. Marine Pollution Bulletin, 52(2), 199-206, 2006. [Catalase; GST; metallothionein; LPO; DNA damage]

(1440) AMADO, L.L.; ROBALDO, R.B.; GERACITANO, L.; MONSERRAT, J.M.; BIANCHINI, A. Biomarkers of exposure and effect in the Brazilian flounder Paralichthys orbignyanus (Teleostei: Paralichthyidae) from the Patos Lagoon estuary (Southern Brazil). Marine Pollution Bulletin, 52(2), 207-213, 2006. [DNA damage; oxidative stress; catalase; GST; metallothionein]

(1441) BIELMYER, G.K.; GROSELL, M.; BRITZ, K.V. Toxicity of silver, zinc, copper, and nickel to the copepod Acartia tonsa exposed via a phytoplankton diet. Environmental Science and Technology, 40(6), 2063-2068, 2006. [Ag; Cu; Ni; Zn]

(1442) BMT CORDAH LIMITED. Chemical and macrobenthic monitoring in Orka Voe: June 2005. A report for SOTEAG. v, 31p. Aberdeen: Shetland Oil Terminal Environmental Advisory Group, 2006. (BMT Cordah/A.SOT.021/2005) [Sullom Voe; Ba; Cd; Cr; Cu; Ni; Pb; Sr; V; Zn; PAHs; aliphatic hydrocarbons]


in Chukotka. Marine Pollution Bulletin, 52(3), 301-319, 2006. [Ag; Cd; Cu; Hg; Se; Zn; methylmercury]


(1449) FRENCH, P.W. Managed realignment - the developing story of a comparatively new approach to soft engineering. Estuarine, Coastal and Shelf Science, 67(3), 409-423, 2006. [Including metal instability]

(1450) GEORGIADIS, M.; CAI, Y.; SOLO-GABRIELE, H.M. Extraction of arsenate and arsenite species from soils and sediments. Environmental Pollution, 141(1), 22-29, 2006. [PACS-2]


(1453) HJORTH, M.; HALLER, R.; DAHLLOF, I. The use of 14C tracer technique to assess the functional response of zooplankton community grazing to toxic impact. Marine Environmental Research, 61(3), 339-351, 2006. [Zinc pyrithion (ZPT); antifoulant; DCOI; Sea Nine]


(1455) INTERNATIONAL COUCIL FOR THE EXPLORATION OF THE SEA, MARINE HABITAT COMMITTEE. Report of the Working Group on the Statistical Aspects of Environmental Monitoring (WGSAEM), 1-5 March 2004 ICES Headquarters, Copenhagen. ICES Council Meeting Papers, C.M. 2004/E:1, 56p., 2004. [As; Cd; Cr; Cu; Hg; Ni; Pb; Zn; PAHs; nutrients]


(1459) KADAR, E.; COSTA, V.; SANTOS, R.S. Distribution of micro-essential (Fe, Cu, Zn) and toxic (Hg) metals in tissues of two nutritionally distinct hydrothermal shrimps. Science of the Total Environment, 358(1-3), 143-150, 2006.
(1460) KALDY, J.E. Carbon, nitrogen, phosphorus and heavy metal budgets: how large is the eelgrass (Zostera marina L.) sink in a temperate estuary? Marine Pollution Bulletin, 52(3), 342-353, 2006. [Nutrients; As; Cd; Cr; Cu; Ni; Zn]

(1461) KALESH, N.S.; NAIR, S.M. Spatial and temporal variability of copper, zinc, and cobalt in marine macroalgae from the southwest coast of India. Bulletin of Environmental Contamination and Toxicology, 76(2), 293-300, 2006. [Co; Cu; Zn]

(1462) LAMBERTSSON, L.; NILSSON, M. Organic material: the primary control on mercury methylation and ambient methyl mercury concentrations in estuarine sediments. Environmental Science and Technology, 40(6), 1822-1829, 2006. [Hg]


(1465) MIRANDA, C.D.; ROJAS, R. Copper accumulation by bacteria and transfer to scallop larvae. Marine Pollution Bulletin, 52(3), 293-300, 2006. [Cu]

(1466) MORENO-GARRIDO, I.; ROBEVILLE, N.; RIBA, I.; DELVALLS, T.A. Toxicity of sediment from a mining spill Cylindrotheca closterium (Ehremberg) Lewin and Reimann (Bacillariophyceae). Bulletin of Environmental Contamination and Toxicology, 76(1), 66-72, 2006. [PAHs; As; Cd; Cu; Pb; Zn; Aroclor 1242; Aroclor 1260]

(1467) MUSE, J.O.; CARDUCCI, C.N.; STRIPEIKIS, J.D.; TUDINO, M.B.; FERNANDEZ, F.M. A link between lead and cadmium kinetic speciation in seawater and accumulation by the green alga Ulva lactuca. Environmental Pollution, 141(1), 126-130, 2006. [Cd; Pb]


(1469) PEREZ-LOPEZ, M.; CID, F.; OROPESA, A.L.; FIDALGO, L.E.; BECEIRO, A.L.; SOLER, F. Heavy metal and arsenic content in seabirds affected by the Prestige oil spill on the Galician coast (NW Spain). Science of the Total Environment, 359(1-3), 209-220, 2006. [As; Cd; Cr; Cu; Hg; Pb; Zn]


(1472) RUELAS-INZUNZA, J.; PAEZ-OSUNA, F. Trace metal concentrations in different primary producers from Altata-Ensenada del Pabellon and Guaymas Bay (Gulf of California). Bulletin of Environmental Contamination and Toxicology, 76(2), 327-333, 2006. [Cd; Cu; Fe; Mn; Pb; Zn]

(1474) SEEBAUGH, D.R.; ESTEPHAN, A.; WALLACE, W.G. Relationship between dietary cadmium absorption by grass shrimp (Palaemonetes pugio) and trophically available cadmium in amphipod (Gammarus lawrencianus) prey. Bulletin of Environmental Contamination and Toxicology, 76(1), 16-23, 2006. [Cd]

(1475) SKRABAL, S.A.; LIESEKE, K.L.; KIEBER, R.J. Dissolved zinc and zinc-complexing ligands in an organic-rich estuary: benthic fluxes and comparison with copper speciation. Marine Chemistry, 100(1/2), 108-123, 2006. [Zn; Cu]

(1476) SONNE, C.; DIETZ, R.; LARSEN, H.J.S.; LOFT, K.E.; KIRKEGAARD, M.; LETCHER, R.J.; SHAHMIRI, S.; MOLLER, P. Impairment of cellular immunity in West Greenland sledge dogs (Canis familiaris) dietary exposed to polluted minke whale (Balaenoptera acutorostrata) blubber. Environmental Science and Technology, 40(6), 2056-2062, 2006. [Chlordanes; DDTs; dieldrin; HCB; HCH; PCBs; PBDE; Hg]

(1477) SPENCER, K.L.; MACLEOD, C.L.; TUCKETT, A.; JOHNSON, S.M. Source and distribution of trace metals in the Medway and Swale estuaries, Kent, UK. Marine Pollution Bulletin, 52(2), 226-231, 2006. [Ba; Co; Cu; Hg; Li; Mn; Ni; Pb; Ti; V; Zn; Zr]


(1479) THANGADURAI, N.; SRINIVASALU, S.; JONATHAN, M.P.; RAJESHWARA RAO, N.; SANTHOSH KUMAR, R. Pre-tsunami chemistry of sediments along the inner continental shelf off Ennore, Chennai, southeast coast of India. Indian Journal of Marine Sciences, 34(3), 274-278, 2005. [Co; Cr; Cu; Fe; Mn; Ni; Pb; Ti; Zn; Zr; Zn]


(1481) WANG, W.-X.; WONG, P. Dynamics of trace metal concentrations in an intertidal rocky shore food chain. Marine Pollution Bulletin, 52(3), 332-337, 2006. [Ag; Cd; Cu; Se; Zn]

(1482) WONG, N.C.; WONG, M.H.; SHIU, K.K.; QIU, J.-W. Dependency of copper toxicity to polychaete larvae on algal concentration. Aquatic Toxicology, 77(2), 117-125, 2006. [Cu]

(1483) YAMADA, M.; YAMAMOTO, K.; USHIHARA, Y.; KAWAI, H. A survey of organic solvent extractable metal concentrations in the bottom sediments in Osaka Bay, Japan. Marine Pollution Bulletin, 52(2), 231-238, 2006. [As; Cd; Co; Cr; Cu; Hg; Mn; Ni; Pb; Se; Sn; Zn]

(1484) ZAUKE, G.-P.; SCHMALENBACH, I. Heavy metals in zooplankton and decapod crustaceans from the Barents Sea. Science of the Total Environment, 359(1-3), 283-294, 2006. [Cd; Cu; Pb; Zn]
Section 4: Radioactivity


(1491) ROOS, P.; VALEUR, J.R. A sediment trap and radiosotope study to determine resuspension of particle reactive substances in the sound between Sweden and Denmark. Continental Shelf Research, 26(4), 474-487, 2006. [Boat traffic; resuspension; pollutant transport]


Section 5: Other Chemicals

(1494) AHERN, K.S.; UDY, J.W.; POINTON, S.M. Investigating the potential for groundwater from different vegetation, soil and landuses to stimulate blooms of the cyanobacterium, Lyngbya majuscula, in coastal waters. Marine and Freshwater Research, 57(2), 177-186, 2006. [Nutrients; organic carbon; pine plantation; HAB]

(1495) AIZDAICHER, N.A.; MARKINA, ZH.V. Toxic effects of detergents on the alga Plagioselmis prolonga (Cryptophyta). [In Russian with English abstract]. Biologiya Morya, 32(1), 50-54, 2006. [SDS; Kristall; Tix; household synthetic detergents]


(1498) AMADO, L.L., (ET AL). Biomarkers in croakers Micropogonias furnieri (Teleostei: Sciaenidae) from polluted and non-polluted areas from the Patos Lagoon estuary (Southern Brazil): evidences of genotoxic and immunological effects. Marine Pollution Bulletin, 52(2), 199-206, 2006. [Catalase; GST; metallothionein; LPO; DNA damage]

(1499) AMADO, L.L.; ROBALDO, R.B.; GERACITANO, L.; MONSERRAT, J.M.; BIANCHINI, A. Biomarkers of exposure and effect in the Brazilian flounder Paralichthys orbignyanus (Teleostei: Paralichthyidae) from the Patos Lagoon estuary (Southern Brazil). Marine Pollution Bulletin, 52(2), 207-213, 2006. [DNA damage; oxidative stress; catalase; GST; metallothionein]


(1505) BMT CORDAH LIMITED. Chemical and macrobenthic monitoring in Orka Voe: June 2005. A report for SOTEAG. v, 31p. Aberdeen: Shetland Oil Terminal Environmental Advisory Group, 2006. [Sullom Voe; Ba; Cd; Cr; Cu; Ni; Pb; Sr; V; Zn; PAHs; aliphatic hydrocarbons]


(1509) COSTA, O.S., JR.; ATTRILL, M.J.; NIMMO, M. Seasonal and spatial controls on the delivery of excess nutrients to nearshore and offshore coral reefs of Brazil. Journal of Marine Systems, 60(1/2), 63-74, 2006. [Eutrophication; coastal urbanisation]


(1513) DOWLING, V.; HOARAU, P.C.; ROMEO, M.; O'HALLORAN, J.; VAN PELT, F.; O'BRIEN, N.; SHEEHAN, D. Protein carbonylation and heat shock response in Ruditapes decussatus following p,p'-dichlorodiphenyldichloroethylene (DDE) exposure: a proteomic approach reveals that DDE causes oxidative stress. Aquatic Toxicology, 77(1), 11-18, 2006. [DDT; hsp60; hsp70; hsp90]


(1517) GEORGIADIS, M.; CAI, Y.; SOLO-GABRIELE, H.M. Extraction of arsenate and arsenite species from soils and sediments. Environmental Pollution, 141(1), 22-29, 2006. [PACS-2]


(1519) GRATWICKE, B.; SPEIGHT, M.R. Comparison of fish assemblages and water quality in two marinas in the British Virgin Islands. Gulf and Caribbean Research, 18, 35-40, 2006. [Eutrophication; dissolved oxygen; nutrients; bioindicators]


(1521) HJORTH, M.; HALLER, R.; DAHLLOF, I. The use of 14C tracer technique to assess the functional response of zooplankton community grazing to toxic impact. Marine Environmental Research, 61(3), 339-351, 2006. [Zinc pyrithion (ZPT); antifoulant; DCOI; Sea Nine]

(1522) HOUTMAN, C.J.; VAN HOUTEN, Y.K.; LEONARDS, P.E.G.; BROUWER, A.; LAMOREE, M.H.; LEGLER, J. Biological validation of a sample preparation method for ER-CALUX bioanalysis of estrogenic activity in sediment using mixtures of xeno-estrogens. Environmental Science and Technology, 40(7), 2455-2461, 2006. [4-nonylphenol; DDTs; bisphenol A; dieldrin; chlordane; dibutylphthalate; PCB29; 4-n-octylphenol]

(1523) INTERNATIONAL COUNCIL FOR THE EXPLORATION OF THE SEA, MARINE HABITAT COMMITTEE. Report of the Working Group on the Statistical Aspects of Environmental Monitoring (WGSAEM), 1-5 March 2004 ICES Headquarters, Copenhagen. ICES Council Meeting Papers, C.M. 2004/E:1, 56p., 2004. [As; Cd; Cr; Cu; Hg; Ni; Pb; Zn; PAHs; nutrients]


(1529) ISOSAARI, P.; HALLIKAINEN, A.; KIVIRANTA, H.; VUORINEN, P.J.; PARMANNE, R.; KOISTINEN, J.; VARTIAINEN, T. Polychlorinated dibenzop-dioxins, dibenzofurans, biphenyls, naphthalenes and polybrominated diphenyl ethers in the edible fish caught from the Baltic Sea and lakes in Finland. Environmental Pollution, 141(2), 213-225, 2006. [PCDD; PCDF; PBDEs; PCBs; brominated flame retardants; chloronaphthalene; dioxin]


(1532) KALDY, J.E. Carbon, nitrogen, phosphorus and heavy metal budgets: how large is the eelgrass (Zostera marina L.) sink in a temperate estuary? Marine Pollution Bulletin, 52(3), 342-353, 2006. [Nutrients; As; Cd; Cr; Cu; Ni; Zn]


(1534) LAW, R.J.; BERSUDER, P.; ALLCHIN, C.R.; BARRY, J. Levels of the flame retardants hexabromocyclododecane and tetrabromobisphenol A in the blubber of harbor porpoises (Phocoena phocoena) stranded or bycaught in the U.K., with evidence for an increase in HBCD concentrations in recent years. Environmental Science and Technology, 40(7), 2177-2183, 2006.

(1535) LEE, C.C.; LIN, W.T.; LIAO, P.C.; SU, H.J.; CHEN, H.L. High average daily intake of PCDD/Fs and serum levels in residents living near a deserted factory producing pentachlorophenol (PCP) in Taiwan: influence of contaminated fish consumption. Environmental Pollution, 141(2), 381-386, 2006. [PCP: PCDFs]


(1540) MADSEN, L.L.; KORSGAARD, B.; BJERREGAARD, P. Oral single pulse exposure of flounder Platichthys flesus to 4-tert-octylphenol: relations between tissue levels and estrogenic effects. Marine Environmental Research, 61(3), 352-362, 2006. [Vitellogenin]


(1543) MARTIN-SKILTON, R.; LAVADO, R.; THIBAUT, R.; MINIER, C.; PORTE, C. Evidence of endocrine alteration in the red mullet, Mullus barbatus from the NW Mediterranean. Environmental Pollution, 141(1), 60-68, 2006. [Alkylphenols; 4-nonylphenol; 4-tert-octylphenol]

(1544) MCKINNEY, M.A.; DE GUISE, S.; MARTINEAU, D.; BELAND, P.; ARUKWE, A.; LETCHER, R.J. Biotransformation of polybrominated diphenyl ethers and polychlorinated biphenyls in beluga whale (Delphinapterus leucas) and rat mammalian model using an in vitro hepatic microsomal assay. Aquatic Toxicology, 77(1), 87-97, 2006. [PBDEs; PCBs]


(1546) MORENO-GARRIDO, I.; ROBEVILLE, N.; RIBA, I.; DELVALLS, T.A. Toxicity of sediment from a mining spill Cylindrotheca closterium (Ehremberg) Lewin and Reimann (Bacillariophyceae). Bulletin of Environmental Contamination and Toxicology, 76(1), 66-72, 2006. [PAHs; As; Cd; Cu; Pb; Zn; Aroclor 1242; Aroclor 1260]


(1552) OHYAMA, H.; KITADA, Y.; KADOWAKI, S. Production of cultured Laminaria japonica and its nitrogen and phosphate uptake in a coastal fish farm, Yatsushiro Sea. [In Japanese with English summary]. Memoirs of Faculty of Fisheries, Kagoshima University, 54, 29-34, 2005. [Nutrients; water purification]


(1554) PEREZ-LOPEZ, M.; CID, F.; OROPESA, A.L.; FIDALGO, L.E.; BECEIRO, A.L.; SOLER, F. Heavy metal and arsenic content in seabirds affected by the Prestige oil spill on the Galician coast (NW Spain). Science of the Total Environment, 359(1-3), 209-220, 2006. [As; Cd; Cr; Cu; Hg; Pb; Zn]


(1557) ROBERTS, J.M.; WHEELER, A.J.; FREIWALD, A. Reefs of the deep: the biology and geology of cold-water coral ecosystems. Science, 312(5773), 543-547, 2006. [Review; including threats from human activity; fishing; hydrocarbon drilling; seabed mining; ocean acidification]


(1562) SONNE, C.; DIETZ, R.; LARSEN, H.J.S.; LOFT, K.E.; KIRKEGAARD, M.; LETCHER, R.J.; SHAHMIRI, S.; MOLLER, P. Impairment of cellular immunity in West Greenland sledge dogs (Canis familiaris) dietary exposed to polluted minke whale (Balaenoptera acutorostrata) blubber. Environmental Science and Technology, 40(6), 2056-2062, 2006. [Chlordanes; DDTs; dieldrin; HCB; HCH; PCBs; PBDE; Hg]


(1565) Tsantilas, H.; Galatos, A.D.; Athanassopoulou, F.; Prassinos, N.N.; Kousoulaki, K. Efficacy of 2-phenoxyethanol as an anaesthetic for two size classes of white sea bream, Diplodus sargus L., and sharp snout sea bream, Diplodus puntazzo C. Aquaculture, 253(1-4), 64-70, 2006. [Including toxicity]


(1567) Tsukino, H., (ET al). Fish intake and serum levels of organochlorines among Japanese women. Science of the Total Environment, 359(1-3), 90-100, 2006. [PCBs; PCDDs; PCDFs; p,p'-DDE]


(1573) Xu, Y.J. Organic nitrogen retention in the Atchafalaya River Swamp. Hydrobiologia, 560, 133-143, 2006. [Eutrophication; hypoxia; nutrients; Gulf of Mexico]


(1575) Zhou, J.L. Sorption and remobilization behavior of 4-tert-octyphenol in aquatic systems. Environmental Science and Technology, 40(7), 2225-2234, 2006. [River Ouse; Southwick Beach]

Section 6: Biological Wastes

(1578) AHERN, K.S.; UDY, J.W.; POINTON, S.M. Investigating the potential for groundwater from different vegetation, soil and landuses to stimulate blooms of the cyanobacterium, Lyngbya majuscula, in coastal waters. Marine and Freshwater Research, 57(2), 177-186, 2006. [Nutrients; organic carbon; pine plantation; HAB]


XU, Y.J. Organic nitrogen retention in the Atchafalaya River Swamp. Hydrobiologia, 560, 133-143, 2006. [Eutrophication; hypoxia; nutrients; Gulf of Mexico]
Section 7: Heat


Section 8: Solids


SOMERFIELD, P.J.; ATKINS, M.; BOLAM, S.G.; CLARKE, K.R.; GARNACHO, E.; REES, H.L.; SMITH, R.; WARWICK, R.M. Relative impacts at sites of dredged-material relocation in the coastal environment: a phylum-level meta-analysis approach. Marine Biology, 148(6), 1231-1240, 2006. [Barrow; Cardiff; Falmouth; Humber; Liverpool Bay; Nab Tower; Roughs Tower; South Falls; Tees; Tyne; Titchmarsh Marina; Horsey Island; Westwick Marina; North Shotley]

Section 9: Physical Disturbance


(1626) MILAZZO, M.; ANASTASI, I.; WILLIS, T.J. Recreational fish feeding affects coastal fish behaviour and increases frequency of predation on damselfish Chromis chromis nests. Marine Ecology Progress Series, 310, 165-172, 2006. [Tourism; MPA]


populations; impact of fisheries; tourism; military activity; windfarms; harbour extensions; pollutants]  


(1632) ROBERTS, J.M.; WHEELER, A.J.; FREIWALD, A. Reefs of the deep: the biology and geology of cold-water coral ecosystems. Science, 312(5773), 543-547, 2006. [Review; including threats from human activity; fishing; hydrocarbon drilling; seabed mining; ocean acidification]  

(1633) ROOS, P.; VALEUR, J.R. A sediment trap and radiosotope study to determine resuspension of particle reactive substances in the sound between Sweden and Denmark. Continental Shelf Research, 26(4), 474-487, 2006. [Boat traffic; resuspension; pollutant transport]  


Section 10: Non-indigenous Species

(1636) BRABY, C.E.; SOMERO, G.N. Ecological gradients and relative abundance of native (Mytilus trossulus) and invasive (Mytilus galloprovincialis) blue mussels in the California hybrid zone. Marine Biology, 148(6), 1249-1262, 2006.


(1639) DAVISON, M. Corbicula fluminea in the River Thames. Mollusc World, (10), p.15, 2006. [Also Eusarsiella zostericola; Crassostrea angulata; Marenzellaria viridis]


