Marine Pollution Research Titles

CONTENTS

General 1
Petroleum Hydrocarbons 5
Metals 7
Radioactivity 11
Other Chemicals 12
Biological Wastes 17
Heat 18
Solids 19
Physical Disturbance 20
Non-indigenous Species 21

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 35: January - December 2008:
£120 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@mba.ac.uk
Web http://www.mba.ac.uk/nmbl/
Section 1: General


(1297) CHANG, Y.C.; HONG, F.W.; LEE, M.T. A system dynamic based DSS for sustainable coral reef management in Kenting coastal zone, Taiwan. Ecological Modelling, 211(1/2), 153-168, 2008. [Land development; wastewater treatment]


(1331) MORA, C. A clear human footprint in the coral reefs of the Caribbean. Proceedings of the Royal Society of London, B: Biological Sciences, 275(1636), 767-773, 2008. [Agricultural land use; coastal development; overfishing; climate change]


Section 2: Petroleum Hydrocarbons

(1356) BALBA, A.; BELTAGY, A.I.; LIYANANGE, J.P. Investigation of the current status of pollution and its root causes in a port west of Damitta City, Egypt. Egyptian Journal of Aquatic Research, 33(2), 13-30, 2007. [Cd; Cu; Pb; Zn; petroleum hydrocarbons]


(1363) COZ, A.; RODRIGUEZ-OBESO, O.; ALONSO-SANTURDE, A.; ALVAREZ-GUERRA, M.; ANDRES, A.; VIGURI, J.R.; MANTZAVINOS, D.; KALOGERAKIS, N. Toxicity bioassays in core sediments from the Bay of Santander, northern Spain. Environmental Research, 106(3), 304-312, 2008. [Vibrio fischeri; Cr; Cu; Ni; Pb; Zn; PAHs]


(1365) FAFANDEL, M.; BIHARI, N.; PERIC, L.; CENOV, A. Effect of marine pollutants on the acid DNase activity in the hemocytes and digestive gland of the mussel Mytilus galloprovincialis. Aquatic Toxicology, 86(4), 509-513, 2008. [Cu; detergent; gasoline]

(1366) FERNANDEZ, N.; BELLAS, J.; LORENZO, J.I.; BEIRAS, R. Complementary approaches to assess the environmental quality of estuarine sediments. Water, Air, and Soil Pollution, 189(1-4), 163-177, 2008. [Arsenic; Cd; Cr; Cu; Pb; Zn; PAHs]

(1367) GUITART, C.; FRICKERS, P.; HORRILLO-CARABALLO, J.; LAW, R.J.; READMAN, J.W. Characterization of sea surface chemical contamination after shipping accidents. Environmental Science and Technology, 42(7), 2275-2282, 2008. [PAHs; Lyme Bay; MSC Napoli]


(1369) INTERNATIONAL COUNCIL FOR THE EXPLORATION OF THE SEA (ICES). Report of the ICES Advisory Committee on Fishery Management, Advisory Committee on the Marine Environment and Advisory Committee on Ecosystems, 2007. ICES Advice, Books 1-10.1, 333p., 2007. [Celtic Sea; West of Scotland; Rockall; Western Channel; Irish Sea]

Available at: http://www.ices.dk/products/icesadvice.asp.


(1372) KAY, D.P.; NEWSTED, J.L.; BENKINNEY, M.T.; IANNUZZI, T.J.; GIESY, J.P. Passaic river sediment interstitial water phase I toxicity identification evaluation. Chemosphere, 70(10), 1737-1747, 2008. [Dioxins; furans; PCBs; PAHs; 2,4,5-T; DDTs; organotin; Al; arsenic; Cr; Cu; Fe; Pb; Zn]


Pait, A.S.; Whittal, D.R.; Jeffreys, C.F.G.; Caldow, C.; Mason, A.L.; Launstein, G.G.; Christensen, J.D. Chemical contamination in southwest Puerto Rico: an assessment of organic contaminants in nearshore sediments. Marine Pollution Bulletin, 56(3), 580-587, 2008. [PAHs; PCBs; TBT; monobutyltin; dibutyltin; tetrabutyltin; aldrin; diendrin; heptachlor; heptachlor epoxide; chlordane; HCHs; DDTs; tetrachlorobenzene; HCB; pentachloroanisole; pentachlorobenzene; endosulfan; mirex; chlorpyrifos]


Plata, D.L.; Sharpless, C.M.; Reddy, C.M. Photochemical degradation of polycyclic aromatic hydrocarbons in oil films. Environmental Science and Technology, 42(7), 2432-2438, 2008. [PAHs; Bouchard 120 oil spill; benzo(a)pyrene; benzo(e)pyrene; benzo(a)anthracene; chrysene]


Romano, E.; Bergamin, L.; Finoia, M.G.; Carboni, M.G.; Ausili, A.; Gabellini, M. Industrial pollution at Bagnoli (Naples, Italy): benthic foraminifera as a tool in integrated programs of environmental characterisation. Marine Pollution Bulletin, 56(3), 439-457, 2008. [Arsenic; Cd; Cr; Cu; Fe; Hg; Mn; Ni; Pb; Zn; PAHs; PCBs]


Wade, T.L.; Sweet, S.T.; Klein, A.G. Assessment of sediment contamination in Casco Bay, Maine, USA. Environmental Pollution, 152(3), 505-521, 2008. [PAHs; DDTs; PCB; TBT; arsenic; Cd; Cr; Cu; Hg; Pb; Ni; Zn; Ag]


Weinstein, J.E.; Garner, T.R. Piperonyl butoxide enhances the bioconcentration and photoinduced toxicity of fluoranthene and benzo[a]pyrene to larvae of the grass shrimp (Palaemonetes pugio). Aquatic Toxicology, 87(1), 28-36, 2008. [PAH; UV; cytochrome P450]

Yeats, P.; Gagne, F.; Hellou, J. Body burden of contaminants and biological effects in mussels: an integrated approach. Environment International, 34(2), 254-264, 2008. [PAH; DDT; coprostanol; Al; arsenic; B; Cd; Cr; Cu; Fe; La; Pb; Li; Mn; Mg; Mo; Ni; Sc; Ag; Sr; Sn; Ti; U; V; Zn]

Zhu, S.; King, S.C.; Haasch, M.L. Biomarker induction in tropical fish species on the Northwest Shelf of Australia by produced formation water. Marine Environmental Research, 65(4), 315-324, 2008. [CYP1A; CYP2K1; CYP2M1; PFW]
Section 3: Metals

(1392) ANAJJAR, E.M.; CHIFFOLEAU, J.-F.; BERGAYOU, H.; MOUKRIM, A.; BURGEOT, T.; CHEGGOUR, M. Monitoring of trace metal contamination in the Souss estuary (South Morocco) using the clams Cerastoderma edule and Scrobicularia plana. Bulletin of Environmental Contamination and Toxicology, 80(3), 283-288, 2008. [Cd; Cr; Hg; Ni; Pb; Zn]


(1394) ARIAS, R.; BARONA, A.; IBARRA-BERASTEGI, G.; ARANGUIZ, I.; ELIAS, A. Assessment of metal contamination in dredged sediments using fractionation and self-organizing maps. Journal of Hazardous Materials, 151(1), 78-85, 2008. [Cr; Cu; Mn; Ni; Pb; Zn]


(1396) ASTORGA-ESPANA, M.S.; CALISTO-ULLOA, N.C.; GUERRERO, S. Baseline concentrations of trace metals in macroalgae from the Strait of Magellan, Chile. Bulletin of Environmental Contamination and Toxicology, 80(2), 97-101, 2008. [Ag; Hg; Ni; Pb; Sb; V; Zn]


(1398) BALBAA, A.; BELTAGY, A.I.; LIYANANGE, J.P. Investigation of the current status of pollution and its root causes in a port west of Damitta City, Egypt. Egyptian Journal of Aquatic Research, 33(2), 13-30, 2007. [Cd; Cu; Pb; Zn; petroleum hydrocarbons]


(1401) CHAUDRY, M.A.; ZWOLSMAN, J.J.G. Seasonal dynamics of dissolved trace metals in the Scheldt estuary: relationship with redox conditions and phytoplankton activity. Estuaries and Coasts, 31(2), 430-443, 2008. [Cd; Co; Cu; Ni; Zn]


(1403) COSSON, R.P.; THIEBAUT, E.; COMPANY, R.; CASTREC-ROUVELLE, M.; COLACO, A.; MARTINS, I.; SARRADIN, P.-M.; BEBIANNO, M.J. Spatial variation of metal bioaccumulation in the hydrothermal vent mussel Bathymodiolus azoricus. Marine Environmental Research, 65(5), 405-415, 2008. [Ag; Cd; Cu; Fe; Mn; Zn]

(1404) COZ, A.; RODRIGUEZ-OBESO, O.; ALONSO-SANTURDE, A.; ALVAREZ-GUERRA, M.; ANDRES, A.; VIGURI, J.R.; MANTZAVINOS, D.; KALOGERAKIS, N. Toxicity bioassays in core sediments from the Bay of Santander, northern Spain. Environmental Research, 106(3), 304-312, 2008. [Vibrio Fischeri; Cr; Cu; Ni; Pb; Zn; PAHs]

(1405) CRAVO, A.; FOSTER, P.; ALMEIDA, C.; BEBIANNO, M.J.; COMPANY, R. Metal concentrations in the shell of Bathymodiolus azoricus from contrasting hydrothermal vent fields on the mid-Atlantic ridge. Marine Environmental Research, 65(4), 338-348, 2008. [Cd; Cu; Fe; Mg; Mn; Sr; Zn]

(1406) DE WOLF, H.; RASHID, R. Heavy metal accumulation in Littoraria scabra along polluted and pristine mangrove areas of Tanzania. Environmental Pollution, 152(3), 636-643, 2008. [Al; arsenic; Cd; Cr; Cu; Fe; Mn; Pb; Zn]

(1407) DIPPNER, J.W., (ET AL). Climate-related marine ecosystem change. In: BACC Author Team. Assessment of climate change for the Baltic Sea Basin. p.309-377. Heidelberg: Springer-Verlag, 2008. [Including contaminant loads; nutrients; Cd; Cu; Pb; DDTs; PCBs; temperature]


(1410) ERK, M.; MUYSSSEN, B.T.A.; CHEKIHERE, A.; JANSSSEN, C.R. Metallothioneins and cytotoxic metals in Neomysis integer exposed to cadmium at different salinities. Marine Environmental Research, 65(5), 437-444, 2008. [Cd; Cu; Zn]

(1412) FAFANDEL, M.; BIHARI, N.; PERIC, L.; CENOV, A. Effect of marine pollutants on the acid DNase activity in the hemocytes and digestive gland of the mussel Mytilus galloprovincialis. Aquatic Toxicology, 86(4), 509-513, 2008. [Cu; detergent; gasoline]

(1413) FERNANDEZ, N.; BELLAS, J.; LORENZO, J.I.; BEIRAS, R. Complementary approaches to assess the environmental quality of estuarine sediments. Water, Air, and Soil Pollution, 189(1-4), 163-177, 2008. [Arsenic; Cd; Cr; Cu; Pb; Zn; PAHs]


(1416) GOPALAKRISHNAN, S.; THILAGAM, H.; RAJA, P.V. Comparison of heavy metal toxicity in life stages (spermiotoxicity, egg toxicity, embryotoxicity and larval toxicity) of Hydroides elegans. Chemosphere, 71(3), 515-528, 2008. [Cd; Hg; Ni; Pb; Zn]

(1417) GORDEEV, V.V.; BEESKOW, B.; RACHOLD, V. Geochemistry of the Ob and Yenisey estuaries: a comparative study. Berichte zur Polar-und Meeresforschung, 565, 235p., 2007. [Arsenic; Ba; Cd; Co; Cr; Cu; Hg; Ni; Pb; Sr; V; Zn; Zr; nutrients]


(1420) HAMED, M.A. Chemical forms of copper, zinc, lead and cadmium in sediments of the northern part of the Red Sea, Egypt. Pakistan Journal of Marine Sciences, 16(2), 69-78, 2007. [Cd; Cu; Pb; Zn]

(1421) HAMMERSCHMIDT, C.R.; FITZGERALD, W.F. Sediment-water exchange of methylmercury determined from shipboard benthic flux chambers. Marine Chemistry, 109(1/2), 86-97, 2008. [Hg; bioturbation; monomethylmercury]


(1424) HOLLISTER, J.W.; AUGUST, P.V.; PAUL, J.F.; WALKER, H.A. Predicting estuarine sediment metal concentrations and inferred ecological conditions: an information theoretic approach. Journal of Environmental Quality, 37(1), 234-244, 2008. [Cd; Cu; Hg; Pb]


(1428) KAY, D.P.; NEWSTED, J.L.; BENKINNEY, M.T.; IANNUZZI, T.J.; GIESY, J.P. Passaic river sediment interstitial water phase I toxicity identification evaluation. Chemosphere, 70(10), 1737-1747, 2008. [Dioxins; furans; PCBs; PAHs; 2,4,5-T; DDTs; organotin; AI; arsenic; Cr; Cu; Fe; Pb; Zn]


(1432) LEWIS, M.; CHANCY, C. A summary of total mercury concentrations in flora and fauna near common contaminant sources in the Gulf of Mexico. Chemosphere, 70(11), 2016-2024, 2008. [Hg]

(1433) LOCHET, A.; MAURY-BRACHET, R.; POIRIER, C.; TOMAS, J.; LAHAYE, M.; APRAHAMIAN, M.; ROCHARD, E. Mercury contamination and life history traits of Allis shad Alosa alosa (Linnaeus, 1758) and Twaike shad Alosa fallax (Lacepede, 1803) in the Gironde estuary (South West France). Hydrobiologia, 602, 99-109, 2008. [Hg]


(1436) METIAN, M.; BUSTAMANTE, P.; HEDOIJN, L.; WARNAU, M. Accumulation of nine metals and one metalloid in the tropical scallop Comptopallium radula from coral reefs in New Caledonia. Environmental Pollution, 152(3), 543-552, 2008. [Ag; arsenic; Cd; Co; Cr; Cu; Fe; Mn; Ni; Zn]

(1437) MURPHY, C.A.; ROSE, K.A.; DEL CARMEN ALVAREZ, M.; FUIMAN, L.A. Modeling larval fish behavior: scaling the sublethal effects of methylmercury to population-relevant endpoints. Aquatic Toxicology, 86(4), 470-484, 2008. [Hg]

(1438) NINH, T.D.; NAGASHIMA, Y.; SHIOMI, K. Unusual arsenic speciation in sea anemones. Chemosphere, 70(7), 1168-1174, 2008. [Arsenobetaine; trimethylarsoniopropionate; arsenocholine; tetramethylarsonium ion; arsenate; methylarsonic acid; dimethylarsinic acid; trimethylarsine oxide]

(1439) ORR, K.K.; BURGESS, J.E.; FRONEMAN, P.W. The effects of increased freshwater inflow on metal enrichment in selected Eastern Cape estuaries, South Africa. Water S.A., 34(1), 39-52, 2008. [Cd; Co; Cu; Fe; Pb; Ni; Zn]

(1440) PAPADIMITRIOU, C.A.; HARITOU, I.; SAMARAS, P.; ZOUBOULIS, A.I. Evaluation of leaching and ecotoxicological properties of sewage sludge-fly ash mixtures. Environmental Research, 106(3), 340-348, 2008. [Microtox; Cd; Cr; Cu; Ni; Pb; Zn]


(1442) PEREIRA, E.; BAPTISTA-NETO, J.A.; SMITH, B.J., (ET AL). The contribution of heavy metal pollution derived from highway runoff to Guanabara Bay sediments: Rio de Janeiro/Brazil. Anais da Academia Brasileira de Ciencias, 79(4), 739-750, 2007. [Fe; Mn; Zn; Cu; Pb; Cr; Ni]


(1444) ROMANO, E.; BERGAMIN, L.; FINEO, M.G.; CARBONI, M.G.; AUSILI, A.; GABELLINI, M. Industrial pollution at Bagnoli (Naples, Italy): benthic foraminifera as a tool in integrated programs of environmental characterisation. Marine Pollution Bulletin, 56(3), 439-457, 2008. [Arsenic; Cd; Cr; Cu; Fe; Hg; Mn; Ni; Pb; Zn; PAHs; PCBs]

(1445) ROMANO, E.; BERGAMIN, L.; FINEO, M.G.; CARBONI, M.G.; AUSILI, A.; GABELLINI, M. Industrial pollution at Bagnoli (Naples, Italy): benthic foraminifera as a tool in integrated programs of environmental characterisation. Marine Pollution Bulletin, 56(3), 439-457, 2008. [Arsenic; Cd; Cr; Cu; Fe; Hg; Mn; Ni; Pb; Zn; PAHs; PCBs]

(1446) SANCHEZ-MARIN, P.; BEIRAS, R. Lead concentrations and size dependence of lead accumulation in the clam Dosinia exoleta from shellfish extraction areas in the Galician Rias (NW Spain). Aquatic Living Resources, 21(1), 57-61, 2008. [Pb]

(1447) SEGARRA, M.J.B.; PREGO, R.; WILSON, M.J.; BACON, J.; SANTOS-ECHEANDIA, J. Metal speciation in surface sediments of the Vigo Ria (NW Iberian Peninsula). Scientia Marina, 72(1), 119-126, 2008. [Co; Cr; Cu; Fe; Mn; Ni; Pb; Zn]

(1448) SHATA, M.A.; OKBAH, M.A.A. Copper and manganese forms in Lake Edku sediments, Alexandria, Egypt. Pakistan Journal of Marine Sciences, 16(2), 79-87, 2007. [Brackish; Cu; Mn]

(1449) THOMPSON, G.A.; SANCHEZ DE BOCK, M.F. Mortandad masiva de Mesodesma mactroides (Bivalvia: Mactracea) en el Partido de la Costa, Buenos Aires, Argentina, en Septiembre 2004. Atlantica. Rio Grande, 29(2), 115-119, 2007. [Arsenic; Cd; Co; Cu; Fe; Hg; Mn; Ni; Pb; Zn; PAHs; PCBs]


(1451) VALDES, J.; ROMAN, D.; ALVAREZ, G.; ORTOLIEB, L.; GUINEZ, M. Metals content in surface waters of an upwelling system of the northern Humboldt Current (Mejillones Bay, Chile). Journal of Marine Systems, 71(1/2), 18-30, 2008. [Cd; Fe; Mn; Mo; Ni; V]

(1453) WADE, T.L.; SWEET, S.T.; KLEIN, A.G. Assessment of sediment contamination in Casco Bay, Maine, USA. Environmental Pollution, 152(3), 505-521, 2008. [PAHs; DDTs; PCB; TBT; arsenic; Cd; Cr; Cu; Hg; Pb; Ni; Zn; Ag]

(1454) XIE, Z.; ZHANG, P.; SUN, L.; XU, S.; HUANG, Y.; HE, W. Microanalysis of metals in barbs of a snow petrel (Pagodroma Nivea) from the Antarctica using synchrotron radiation X-ray fluorescence. Marine Pollution Bulletin, 56(3), 516-524, 2008. [Ba; Ca; Cu; Fe; Hg; K; Mg; Ni; Pb; S; Se; Sr; Zn]


(1456) YEATS, P.; GAGNE, F.; HELLOU, J. Body burden of contaminants and biological effects in mussels: an integrated approach. Environment International, 34(2), 254-264, 2008. [PAH; DDT; coprostanol; Al; arsenic; B; Cd; Cr; Co; Cu; Fe; La; Pb; Li; Mn; Mg; Mo; Ni; Sc; Ag; Sr; Sn; Ti; U; V; Zn]

Section 4: Radioactivity


(1460) JOINT, I.; JORDAN, M.B. Effect of short-term exposure to UVA and UVB on potential phytoplankton production in UK coastal waters. Journal of Plankton Research, 30(2), 199-210, 2008. [Station L4, Plymouth Sound; UV]


(1465) WEINSTEIN, J.E.; GARNER, T.R. Piperonyl butoxide enhances the bioconcentration and photoinduced toxicity of fluoranthene and benzo[alpha]pyrene to larvae of the grass shrimp (Palaemonetes pugio). Aquatic Toxicology, 87(1), 28-36, 2008. [PAH; UV; cytochrome P450]


Section 5: Other Chemicals


(1479) BREWER, P.G. What lies beneath: a plea for complete information. Environmental Science and Technology, 42(5), 1394-1399, 2008. [Chemical weapons disposal; dumping]


(1482) CASTELLS, P.; PARERA, J.; SANTOS, F.J.; GALCERAN, M.T. Occurrence of polynuclear naphthalenes, polychlorinated biphenyls and short-chain chlorinated paraffins in marine sediments from Barcelona (Spain). Chemosphere, 70(9), 1552-1562, 2008. [PCNs; SCCPs; PCBs]


(1489) DIETZ, R.; BOSSI, R.; RIGET, F.F.; SONNE, C.; BORN, E.W. Increasing perfluorooalkyl contaminants in East Greenland polar bears (Ursus maritimus): a new toxic threat to the Arctic bears. Environmental Science and Technology, 42(7), 2701-2707, 2008. [PFCs; PFOS; PFNA; PFUnA; PFDA; PFTrA; PFOA; PFDoA]

DIPPNER, J.W., (ET AL). Climate-related marine ecosystem change. In: BACC Author Team. Assessment of climate change for the Baltic Sea Basin. p.309-377. Heidelberg: Springer-Verlag, 2008. [Including contaminant loads; nutrients; Cd; Cu; Pb; DDTs; PCB; temperature]


FAFANDEL, M.; BIHARI, N.; PERIC, L.; CENOV, A. Effect of marine pollutants on the acid DNase activity in the hemocytes and digestive gland of the mussel Mytilus galloprovincialis. Aquatic Toxicology, 86(4), 509-513, 2008. [Cu; detergent; gasoline]


GUO, L.; QIU, Y.; ZHANG, G.; ZHENG, G.J.; LAM, P.K.S.; LI, X. Levels and bioaccumulation of organochlorine pesticides (OCPs) and polychlorinated diphenyl ethers (PBDEs) in fishes from the Pearl River estuary and Daya Bay, South China. Environmental Pollution, 152(3), 604-611, 2008. [DDTs; chlordane; HCHs; PBDEs]


KAY, D.P.; NEWSTED, J.L.; BENKINNEY, M.T.; IANNUZZI, T.J.; GIESY, J.P. Passaic river sediment interstitial water phase I toxicity identification evaluation. Chemosphere, 70(10), 1737-1747, 2008. [Dioxins; furans; PCBs; PAHs; 2,4,5-T; DDTs; organotin; AI; arsenic; Cr; Cu; Fe; Pb; Zn]


(1534) OCZKOWSKI, A.; NIXON, S. Increasing nutrient concentrations and the rise and fall of a coastal fishery; a review of data from the Nile Delta, Egypt. Estuarine, Coastal and Shelf Science, 77(3), 309-319, 2008. [Eutrophication; nutrient enrichment; sewage]

(1535) ODABASI, M.; CETIN, B.; DEMIRCIOGLU, E.; SOFUOGLU, A. Air-water exchange of polychlorinated biphenyls (PCBs) and organochlorine pesticides (OCPs) at a coastal site in Izmir Bay, Turkey. Marine Chemistry, 109(1/2), 115-129, 2008. [Chlorpyrifos; chlordane; DDT; endosulfan; HCHs; heptachlor]


(1538) PAIT, A.S.; WHITALL, D.R.; JEFFREY, C.F.G.; CALDOW, C.; MASON, A.L.; LAUENSTEIN, G.G.; CHRISTENSEN, J.D. Chemical contamination in southwest Puerto Rico: an assessment of organic contaminants in nearshore sediments. Marine Pollution Bulletin, 56(3), 580-587, 2008. [PAHs; PCBs; TBT; monobutyltin; dibutyltin; tetrabutyltin; aldrin; dieldrin; endrin; heptachlor; heptachlor epoxide; chlordane; HCHs; DDTs; tetrachlorobenzene; HCB; pentachloroanisole; pentachlorobenzene; endosulfan; mirex; chlorpyrifos]


(1543) RIPLEYM J.L.; FORAN, C.M. Interspecific differences of parental polychlorinated biphenyl exposure on nutrient availability, egg production and brooding in two Syngnathus species. Journal of Fish Biology, 72(6), 1369-1385, 2008. [PCB]


(1545) ROMANO, E.; BERGAMIN, L.; FINOIA, M.G.; CARBONI, M.G.; AUSILI, A.; GABELLINI, M. Industrial pollution at Bagnoli (Naples, Italy): benthic foraminifera as a tool in integrated programs of environmental characterisation. Marine Pollution Bulletin, 56(3), 439-457, 2008. [Arsenic; Cd; Cr; Cu; Fe; Hg; Mn; Ni; Pb; Zn; PAHs; PCBs]


TURNER, R.E.; RABALAIS, N.N.; JUSTIC, D. Gulf of Mexico hypoxia: alternate states and a legacy. Environmental Science and Technology, 42(7), 2323-2327, 2008. [Nutrient loading; eutrophication]


WADE, T.L.; SWEET, S.T.; KLEIN, A.G. Assessment of sediment contamination in Casco Bay, Maine, USA. Environmental Pollution, 152(3), 505-521, 2008. [PAHs; DDTs; PCB; TBT; arsenic; Cd; Cr; Cu; Hg; Pb; Ni; Zn; Ag]

WEST, J.E.; O'NEILL, S.M.; YLITALO, G.M. Spatial extent, magnitude, and patterns of persistent organochlorine pollutants in Pacific herring (Clupea pallasi) populations in the Puget Sound (USA) and Strait of Georgia (Canada). Science of the Total Environment, 394(2/3), 369-378, 2008. [DDTs; HCB; PCBs]


YEATS, P.; GAGNE, F.; HELLOU, J. Body burden of contaminants and biological effects in mussels: an integrated approach. Environment International, 34(2), 254-264, 2008. [PAH; DDT; coprostanol; Al; arsenic; B; Cd; Cr; Co; Cu; Fe; La; Pb; Li; Mn; Mg; Mo; Ni; Sc; Ag; Sr; Sn; Ti; U; V; Zn]


ZHU, S.; KING, S.C.; HAASCH, M.L. Biomarker induction in tropical fish species on the Northwest Shelf of Australia by produced formation water. Marine Environmental Research, 65(4), 315-324, 2008. [CYP1A; CYP2K1; CYP2M1; PFW]
Section 6: Biological Wastes


(1566) CONNER, M.A. Wastewater treatment in Antarctica. Polar Record, 44(229), 165-171, 2008. [Sewage disposal; BOD; treatment plant designs]


(1579) YEATS, P.; GAGNE, F.; HELLOU, J. Body burden of contaminants and biological effects in mussels: an integrated approach. Environment International, 34(2), 254-264, 2008. [PAH; DDT; coprostanol; Al; arsenic; B; Cd; Cr; Co; Cu; Fe; La; Pb; Li; Mn; Mg; Mo; Ni; Sc; Ag; Sr; Sn; Ti; U; V; Zn]
Section 7: Heat


(1581) DIPPNER, J.W., (ET AL). Climate-related marine ecosystem change. In: BACC Author Team. Assessment of climate change for the Baltic Sea Basin. p.309-377. Heidelberg: Springer-Verlag, 2008. [Including contaminant loads; nutrients; Cd; Cu; Pb; DDTs; PCB; temperature]


(1584) MAINA, J.; VENUS, V.; MCCLANAHAN, T.R.; ATEWEBERHAN, M. Modelling susceptibility of coral reefs to environmental stress using remote sensing data and GIS models. Ecological Modelling, 212(3/4), 180-199, 2008. [Climate change; thermal stress; UV]


Section 8: Solids


(1595) BLAKE, C.; MAGGS, C.; REIMER, P. Use of radiocarbon dating to interpret past environments of maerl beds. Ciencias Marinas, 33(4), 385-397, 2007. [Belfast Lough; Strangford Lough; channel dredging; sedimentation]


Section 9: Physical Disturbance


(1611) MORA, C. A clear human footprint in the coral reefs of the Caribbean. Proceedings of the Royal Society of London, B: Biological Sciences, 275(1636), 767-773, 2008. [Agricultural land use; coastal development; overfishing; climate change]


Section 10: Non-indigenous Species


