

**ISSN 1742-7614 (online)**

# **Marine Pollution Research Titles**

**Vol. 32 No. 9 September 2005**

# Marine Pollution Research Titles

## CONTENTS

<b>General</b>	<b>1</b>
<b>Petroleum Hydrocarbons</b>	<b>5</b>
<b>Metals</b>	<b>8</b>
<b>Radioactivity</b>	<b>14</b>
<b>Other Chemicals</b>	<b>15</b>
<b>Biological Wastes</b>	<b>22</b>
<b>Heat</b>	<b>24</b>
<b>Solids</b>	<b>25</b>
<b>Physical Disturbance</b>	<b>26</b>
<b>Non-indigenous Species</b>	<b>28</b>

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 32: January - December 2005:  
£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 [nmb1@pml.ac.uk](mailto:nmb1@pml.ac.uk)  
Web <http://www.mba.ac.uk/nmb1/>

## Section 1: General

- (2610) AHN, J.H.; GRANT, S.B.; SURBECK, C.Q.; DIGIACOMO, P.M.; NEZLIN, N.P.; JIANG, S. Coastal water quality impact of stormwater runoff from an urban watershed in southern California. *Environmental Science and Technology*, 39(16), 5940-5953, 2005. [Fecal indicator bacteria; viruses]
- (2611) ALONGI, D.M.; RAMANATHAN, A.L.; KANNAN, L.; TIRENDI, F.; TROTT, L.A.; BALAKRISHNA PRASAD, M. Influence of human-induced disturbance on benthic microbial metabolism in the Pichavaram mangroves, Vellar-Coleroon estuarine complex, India. *Marine Biology*, 147(4), 1033-1044, 2005.
- (2612) ALPAR, B.; BURAK, S.; DOGAN, E. Environmental and hydrological management of the Golden Horn Estuary, Istanbul. *Journal of Coastal Research*, 21(4), 646-654, 2005.
- (2613) AMOUROUX, J.M.; TAVARES, M. Natural recovery of Amazonian mangrove forest as revealed by brachyuran crab fauna: preliminary description. *Vie et Milieu*, 55(2), 71-79, 2005.
- (2614) BARESEL, C.; DESTOUNI, G. Novel quantification of coupled natural and cross-sectoral water and nutrient/pollutant flows for environmental management. *Environmental Science and Technology*, 39(16), 6182-6190, 2005. [Nitrogen load]
- (2615) BATES, C.R.; SAUNDERS, G.W.; CHOPIN, T. An assessment of two taxonomic distinctness indices for detecting seaweed assemblage responses to environmental stress. *Botanica Marina*, 48(3), 231-243, 2005.
- (2616) BAYED, A.; QUINIOU, F.; BENRHA, A.; GUILLOU, M. The *Paracentrotus lividus* populations from the northern Moroccan Atlantic coast: growth, reproduction and health condition. *Journal of the Marine Biological Association of the United Kingdom*, 85(4), 999-1007, 2005. [Cd; Cu; Hg; Pb]
- (2617) BROWN, B.E.; BYTHELL, J.C. Perspectives on mucus secretion in reef corals. *Marine Ecology Progress Series*, 296, 291-309, 2005. [Environmental stress]
- (2618) BURGENTS, J.E.; BURNETT, K.G.; BURNETT, L.E. Effects of hypoxia and hypercapnic hypoxia on the localization and the elimination of *Vibrio campbellii* in *Litopenaeus vannamei*, the Pacific White Shrimp. *Biological Bulletin*, 208(3), 159-168, 2005.
- (2619) CAEIRO, S.; COSTA, M.H.; GOOVAERTS, P.; MARTINS, F. Benthic biotope index for classifying habitats in the Sado estuary: Portugal. *Marine Environmental Research*, 60(5), 570-593, 2005.
- (2620) CHRISTIE, P. Observed and perceived environmental impacts of marine protected areas in two Southeast Asia sites. *Ocean and Coastal Management*, 48, 252-270, 2005.
- (2621) CHRISTIE, P., (EDITOR). Sustainability of integrated coastal management. *Ocean and Coastal Management*, 48, 205-483, 2005.
- (2622) DONOVAN, G.P., (EDITOR). Report of the IWC Scientific Committee Annual Meeting, 29 June - 10 July 2004, Sorrento, Italy; Report of the Fifth Workshop on the Development of an Aboriginal Subsistence Whaling Management Procedure (AWMP); Report of an Intersessional Meeting to Review the Southern Ocean Sanctuary. *Journal of Cetacean Research and Management*, 7(Supplement), 411p., 2005. [Including impact of noise; UV; pollution; habitat degradation]
- (2623) DUNSTAN, P.K.; JOHNSON, C.R. Predicting global dynamics from local interactions: individual-based models predict complex features of marine epibenthic communities. *Ecological Modelling*, 186(2), 221-233, 2005.
- (2624) DYBAS, C.L. Dead zones spreading in world oceans. *BioScience*, 55(7), 552-557, 2005. [Nutrient runoff]

- (2625) EUROPEAN SCIENCE FOUNDATION MARINE BOARD. Modelling in coastal and shelf seas - European challenges. 28p. Strasbourg: European Science Foundation, 2005. (European Marine Board Position Paper 7)
- (2626) FERNANDES, E.H.L.; DYER, K.R.; MOLLER, O.O. Spatial gradients in the flow of southern Patos Lagoon. *Journal of Coastal Research*, 21(4), 759-769, 2005.
- (2627) FERRETTI, J.A.; CALESSO, D.F.; LAZORCHAK, J.M.; DOLCE, T.J.; ARNOLD, J.; GOODFELLOW, W.L.; SMITH, M.E.; SERBST, J.R. Interlaboratory comparison of a reduced volume marine sediment toxicity test method using the amphipod *Ampelisca abdita*. *Environmental Toxicology and Chemistry*, 23(3), 632-637, 2004.
- (2628) GRABOWSKI, J.H.; HUGHES, A.R.; KIMBRO, D.L.; DOLAN, M.A. How habitat setting influences restored oyster reef communities. *Ecology*, 86(7), 1926-1935, 2005.
- (2629) GUADAGNOLI, J.A.; REIBER, C.L. Changes in caridac output and hemolymph flow during hypoxic exposure in the gravid grass shrimp, *Palaemonetes pugio*. *Journal of Comparative Physiology B*, 175(5), 313-322, 2005. [Hypoxia]
- (2630) HISCOCK, K.; LANGMEAD, O.; WARWICK, R. Identification of seabed indicator species from time-series and other studies to support implementation of the EU habitats and Water Framework Directives. 109p. Plymouth: Marine Biological Association, 2004. [Review]
- (2631) HISCOCK, K.; LANGMEAD, O.; WARWICK, R.; SMITH, A. Identification of seabed indicator species to support implementation of the EU habitats and Water Framework Directives. Second Edition. 77p. Plymouth: Marine Biological Association, 2005.
- (2632) HUTIN, E.; SIMARD, Y.; ARCHAMBAULT, P. Acoustic detection of a scallop bed from a single-beam echosounder in the St. Lawrence. *ICES Journal of Marine Science*, 62(5), 966-983, 2005. [Habitat mapping; seabed classification]
- (2633) KIRBY, M.P., (ET AL). Surveys of plasma vitellogenin and intersex in male flounder (*Platichthys flesus*) as measures of endocrine disruption by estrogenic contamination in United Kingdom estuaries: temporal trends, 1996 to 2001. *Environmental Toxicology and Chemistry*, 23(3), 748-758, 2004. [Tyne; Wear; Tees; Mersey; Clyde; Forth]
- (2634) LOPES, J.F.; DIAS, J.M.; CARDOSO, A.C.; SILVA, C.I.V. The water quality of the Ria de Aveiro lagoon, Portugal: from the observations to the implementation of a numerical model. *Marine Environmental Research*, 60(5), 594-628, 2005. [BOD; DO; nutrients]
- (2635) LOSSO, C.; NOVELLI, A.A.; PICONE, M.; GHIRARDINI, A.V.; GHETTI, P.F.; RUDELLO, D.; UGO, P. Sulfide as a confounding factor in toxicity tests with the sea urchin *Paracentrotus lividus*: comparisons with chemical analysis data. *Environmental Toxicology and Chemistry*, 23(2), 396-401, 2004.
- (2636) MAGEED, A.A.A. Effect of some environmental factors on the biodiversity of holozooplankton community in Lake Qarun, Egypt. *Egyptian Journal of Aquatic Research*, 31(1), 230-250, 2005.
- (2637) MALAGOLI, D.; OTTAVIANI, E. Cytotoxicity as a marker of mussel health status. *Journal of the Marine Biological Association of the United Kingdom*, 85(2), 359-362, 2005. [Environmental stress; temperature; pH; salinity]
- (2638) MCGEE, B.L.; FISHER, D.J.; WRIGHT, D.A.; YONKOS, L.T.; ZIEGLER, G.P.; TURLEY, S.D.; FARRAR, J.D.; MOORE, D.W.; BRIDGES, T.S. A field test and comparison of acute and chronic sediment toxicity tests with the estuarine amphipod *Leptocheirus plumulosus* in Chesapeake Bay, USA. *Environmental Toxicology and Chemistry*, 23(7), 1751-1761, 2004.
- (2639) MCLACHLAN, A.; DORVLO, A. Global patterns in sandy beach macrobenthic communities. *Journal of Coastal Research*, 21(4), 674-687, 2005.

- (2640) MEEHAN, A.J.; WILLIAMS, R.J.; WATFORD, F.A. Detecting trends in seagrass abundance using aerial photograph interpretation: problems arising with evolution of mapping methods. *Estuaries*, 28(3), 462-472, 2005.
- (2641) PEREIRA, D.; FRAZAO, O.; FERREIRA, J.; DIAS, I.; DIAS, J.M.; TEIXEIRA, M.; VAZ, N.; QUINTELA, A.; LOPES, J.F.; SANTOS, J.L. Advanced optical technologies for monitoring estuaries and coastal environments. *Ciencias Marinas*, 31(1B), 275-284, 2005. [Temperature; salinity]
- (2642) QUARTINO, M.L.; ZAIXSO, H.E.; BORASO DE ZAIXSO, A.L. Biological and environmental characterization of marine macroalgal assemblages in Potter Cave, South Shetland Islands, Antarctica. *Botanica Marina*, 48(3), 187-197, 2005. [Indicator species]
- (2643) RICE, J.C. Ecosystem effects of fishing: impacts, metrics, and management strategies. ICES Cooperative Research Report, 272, 177p., 2005.  
Available at: <http://www.ices.dk/products/crrs/CRR-272-WGECO Report.pdf>.
- (2644) RINGUET, S.; MACKENZIE, F.T. Controls on nutrient and phytoplankton dynamics during normal flow and storm runoff conditions, southern Kaneohe Bay, Hawaii. *Estuaries*, 28(3), 327-337, 2005.
- (2645) SCHNEIDER, J.; FERNANDEZ, V.; HERNANDEZ-GARCIA, E. Leaking method approach to surface transport in the Mediterranean Sea from a numerical ocean model. *Journal of Marine Systems*, 57(1/2), 111-126, 2005.
- (2646) SCHORIES, D.; SELIG, U.; JEGZENTIS, K.; SCHUBERT, H. Klassifizierung der ausseren Kustengewasser an der deutschen Ostseekkuste nach der Europaischen-Wasserrahmenrichtlinie anhand von Makrophyten - Eine Zwischenbilanz. *Rostocker Meeresbiologische Beitrage*, 14, 135-150, 2005.
- (2647) SCIPIONE, M.B.; LATTANZI, L.; TOMASSETTI, P.; CHIMENZ GUSSO, C.; MAGGIORE, F.; MARINIELLO, L.; CIRONI, R.; TARAMELLI, E. Biodiversity and zonation patterns of crustacean peracarids and decapods of coastal soft-bottom assemblages (central Tyrrhenian Sea, Italy). *Vie et Milieu*, 55(2), 143-161, 2005.
- (2648) SELIG, U.; SCHORIES, D.; SAGERT, S.; GRUNEWALD, R., (EDITORS). Sanierungsstrategien in Kustengewassern. *Rostocker Meeresbiologische Beitrage*, 14, 1-150, 2005.
- (2649) SEURONT, L.J.J.; PRINZIVALLI, P. Vulnerability of harbour seals, *Phoca vitulina*, to transient industrial activities in the Strait of Dover. *Journal of the Marine Biological Association of the United Kingdom*, 85(4), 1015-1016, 2005. [Off Calais]
- (2650) SHAKWEER, L. Ecological and fisheries development of Lake Manzalah (Egypt). 1. Hydrography and chemistry of Lake Manzalah. *Egyptian Journal of Aquatic Research*, 31(1), 251-270, 2005. [Nutrients; dissolved solids; salinity; pH; temperature]
- (2651) SHOJI, J.; MASUDA, R.; YAMASHITA, Y.; TANAKA, M. Effect of low dissolved oxygen concentrations on behavior and predation rates on red sea bream *Pagrus major* larvae by the jellyfish *Aurelia aurita* and by juvenile Spanish mackerel *Scomberomorus niphonius*. *Marine Biology*, 147(4), 863-868, 2005.
- (2652) THOMPSON, B.; LOWE, S. Assessment of macrobenthos response to sediment contamination in the San Francisco Estuary, California, USA. *Environmental Toxicology and Chemistry*, 23(9), 2178-2187, 2004.
- (2653) THUESEN, E.V.; RUTHERFORD, L.D., JR.; BROMMER, P.L.; GARRISON, K.; GUTOWSKA, M.A.; TOWANDA, T. Intragel oxygen promotes hypoxia tolerance of scyphomedusae. *Journal of Experimental Biology*, 208(13), 2475-2482, 2005.

**(2654) VOSS, M.; LISKOW, I.; PASTUSZAK, M.; RUSS, D.; SCHULTE, U.; DIPPNER, J.W. Riverine discharge into a coastal bay: a stable isotope study in the Gulf of Gdansk, Baltic Sea. Journal of Marine Systems, 57(1/2), 127-145, 2005. [Nutrients]**

**(2655) WOLANSKI, E.; DE'ATH, G. Predicting the impact of present and future human land-use on the Great Barrier Reef. Estuarine, Coastal and Shelf Science, 64(2/3), 504-508, 2005. [Global warming; nutrients]**

**(2656) ZINGDE, M.D. Inputs into the oceans from land/rivers and pollution. In: Gupta, H.K., (editor). Oceanology. p.92-117. India: Universities Press (India) Private Limited, 2005. [Arabian Sea; Bay of Bengal]**



## Section 2: Petroleum Hydrocarbons

- (2657) AU, D.W.T.; CHEN, P.; POLLINO, C.A. Cytological changes in association with ethoxyresorufin O-deethylase induction in fish upon dietary exposure to benzo[a]pyrene. *Environmental Toxicology and Chemistry*, 23(4), 1043-1050, 2004.
- (2658) BARRON, M.G.; CARLS, M.G.; SHORT, J.W.; RICE, S.D. Photoenhanced toxicity of aqueous phase and chemically dispersed weathered Alaska North Slope crude oil to Pacific herring eggs and larvae. *Environmental Toxicology and Chemistry*, 22(3), 650-655, 2003. [UV; PAHs]
- (2659) GEFFARD, O.; BUDZINSKI, H.; HIS, E. The effects of decanted sediments on embryogenesis in oysters (*Crassostrea gigas*). *Environmental Toxicology and Chemistry*, 23(7), 1655-1661, 2004.
- (2660) GEORGIADES, E. The impact of petroleum hydrocarbons on marine invertebrates. xxi, 214p. RMIT University, 2003. (Thesis) [PAHs; cytochrome P450; cytochrome P418; *Coscinasterias muricata*; metallothioneins; Cd; Cu; Pb; Zn]
- (2661) GIGLIOTTI, C.L.; TOTTEN, L.A.; OFFENBERG, J.H.; DACHS, J.; REINFELDER, J.R.; NELSON, E.D.; GLENNIV, T.R.; EISENREICH, S.J. Atmospheric concentrations and deposition of polycyclic aromatic hydrocarbons to the Mid-Atlantic East Coast region. *Environmental Science and Technology*, 39(15), 5550-5559, 2005. [PAHs]
- (2662) GOODWIN, K.D.; TOKARCZYK, R.; STEPHENS, F.C.; SALTZMAN, E.S. Description of toluene inhibition of methyl bromide biodegradation in seawater and isolation of a marine toluene oxidizer that degrades methyl bromide. *Applied and Environmental Microbiology*, 71(7), 3495-3503, 2005.
- (2663) HISCOCK, K.; LANGMEAD, O.; WARWICK, R. Identification of seabed indicator species from time-series and other studies to support implementation of the EU habitats and Water Framework Directives. 109p. Plymouth: Marine Biological Association, 2004. [Review]
- (2664) HISCOCK, K.; LANGMEAD, O.; WARWICK, R.; SMITH, A. Identification of seabed indicator species to support implementation of the EU habitats and Water Framework Directives. Second Edition. 77p. Plymouth: Marine Biological Association, 2005.
- (2665) HUCKINS, J.N., (ET AL). Overview and comparison of lipid-containing semipermeable membrane devices and oysters (*Crassostrea gigas*) for assessing organic chemical exposure. *Environmental Toxicology and Chemistry*, 23(7), 1617-1628, 2004. [PAHs]
- (2666) HWANG, H.-M.; WADE, T.L.; SERICANO, J.L. Destabilized lysosomes and elimination of polycyclic aromatic hydrocarbons and polychlorinated biphenyls in eastern oysters (*Crassostrea virginica*). *Environmental Toxicology and Chemistry*, 23(8), 1991-1995, 2004. [PAHs; PCBs]
- (2667) JONSSON, G.; BECHMANN, R.K.; BAMBER, S.D.; BAUSSANT, T. Bioconcentration, biotransformation, and elimination of polycyclic aromatic hydrocarbons in sheepshead minnows (*Cyprinodon variegatus*) exposed to contaminated seawater. *Environmental Toxicology and Chemistry*, 23(6), 1538-1548, 2004. [PAHs]
- (2668) LARA-MARTIN, P.A.; GOMEZ-PARRA, A.; PETROVIC, M.; BARCELO, D.; GONZALEZ-MAZO, E. Distribution of organic pollutants in coastal sediments of Cadiz Bay (SW Spain). *Ciencias Marinas*, 31(1B), 203-212, 2005. [PAHs; PCBs; DDTs; LAS; NPEOs]
- (2669) MEYER, J.N.; VOLZ, D.C.; FREEDMAN, J.H.; DI GIULIO, R.T. Differential display of hepatic mRNA from killifish (*Fundulus heteroclitus*) inhabiting a Superfund estuary. *Aquatic Toxicology*, 73(4), 327-341, 2005. [PAHs; creosote]
- (2670) PALM, R.C., JR.; POWELL, D.B.; GODTFREDSSEN, K. Immunocompetence of juvenile chinook salmon against *Listonella anguillarum* following dietary exposure to polycyclic aromatic hydrocarbons. *Environmental Toxicology and Chemistry*, 22(12), 2986-2994, 2003. [PAH]

- (2671) PALMQVIST, A.; SELCK, H.; RASMUSSEN, L.J.; FORBES, V.E. Biotransformation and genotoxicity of fluoranthene in the deposit-feeding polychaete *Capitella* sp. I. *Environmental Toxicology and Chemistry*, 22(12), 2977-2985, 2003.
- (2672) PARSONS, N.J.; UNDERHILL, L.G. Oiled and injured African penguins *Spheniscus demersus* and other seabirds admitted for rehabilitation in the Western Cape, South Africa, 2001 and 2002. *African Journal of Marine Science*, 27(1), 289-296, 2005.
- (2673) POWELL, S.M.; SNAPE, I.; BOWMAN, J.P.; THOMPSON, B.A.W.; STARK, J.S.; MCCAMMON, S.A.; RIDDLE, M.J. A comparison of the short term effects of diesel fuel and lubricant oils on Antarctic benthic microbial communities. *Journal of Experimental Marine Biology and Ecology*, 322(1), 53-65, 2005. [Special Antarctic Blend (SAB) diesel; Mobil OW-40; Titan GT1]
- (2674) RIBA, I.; CASADO-MARTINEZ, C.; FORJA, J.M.; DEL VALLS, A. Sediment quality in the Atlantic coast of Spain. *Environmental Toxicology and Chemistry*, 23(2), 271-282, 2004. [Hg; Cd; Pb; Cu; Zn; As; Ni; Cr; PCBs; PAHs]
- (2675) RUST, A.J.; BURGESS, R.M.; BROWNAWELL, B.J.; MCELROY, A.E. Relationship between metabolism and bioaccumulation of benzo[a]pyrene in benthic invertebrates. *Environmental Toxicology and Chemistry*, 23(11), 2587-2593, 2004. [PAHs]
- (2676) RUST, A.J.; BURGESS, R.M.; MCELROY, A.E.; CANTWELL, M.G.; BROWNAWELL, B.J. Influence of soot carbon on the bioaccumulation of sediment-bound polycyclic aromatic hydrocarbons by marine benthic invertebrates: an interspecies comparison. *Environmental Toxicology and Chemistry*, 23(11), 2594-2603, 2004. [PAHs]
- (2677) RUST, A.J.; BURGESS, R.M.; MCELROY, A.E.; CANTWELL, M.G.; BROWNAWELL, B.J. Role of source matrix in the bioavailability of polycyclic aromatic hydrocarbons to deposit-feeding benthic invertebrates. *Environmental Toxicology and Chemistry*, 23(11), 2604-2610, 2004. [PAHs; soot; coal; tyre rubber; diesel; creosote; fuel oil]
- (2678) SELCK, H.; PALMQVIST, A.; FORBES, V.E. Uptake, depuration, and toxicity of dissolved and sediment-bound fluoranthene in the polychaete, *Capitella* sp. I. *Environmental Toxicology and Chemistry*, 22(10), 2354-2363, 2003.
- (2679) SELCK, H.; PALMQVIST, A.; FORBES, V.E. Biotransformation of dissolved and sediment-bound fluoranthene in the polychaete, *Capitella* sp.I. *Environmental Toxicology and Chemistry*, 22(10), 2364-2374, 2003.
- (2680) TABAK, H.H.; LAZORCHAK, J.M.; LEI, L.; KHODADOUST, A.P.; ANTIA, J.E.; BAGCHI, R.; SUIDAN, M.T. Studies on bioremediation of polycyclic aromatic hydrocarbon-contaminated sediments; bioavailability, biodegradability, and toxicity issues. *Environmental Toxicology and Chemistry*, 22(3), 473-482, 2003. [PAHs]
- (2681) VEHNIAEINEN, E.-R.; HAEKKINEN, J.; OIKARI, A. Photoinduced lethal and sublethal toxicity of retene, a polycyclic aromatic hydrocarbon derived from resin acid, to coregonid larvae. *Environmental Toxicology and Chemistry*, 22(12), 2995-3000, 2003. [UV; PAH]
- (2682) VOPARIL, I.M.; BURGESS, R.M.; MAYER, L.M.; TIEN, R.; CANTWELL, M.G.; RYBA, S.A. Digestive bioavailability to a deposit feeder (*Arenicola marina*) of polycyclic aromatic hydrocarbons associated with anthropogenic particles. *Environmental Toxicology and Chemistry*, 23(11), 2618-2626, 2004. [PAHs; fly ash; tyre threads; coal dusts; diesel]
- (2683) WEINSTEIN, J.E. Influence of salinity on the bioaccumulation and photoinduced toxicity of fluoranthene to an estuarine shrimp and oligochaete. *Environmental Toxicology and Chemistry*, 22(12), 2932-2939, 2003.
- (2684) WILLIAMS, J.; RODERICK, C.; ALEXANDER, R. Sublethal effects of Orimulsion-400 registered on eggs and larvae of Atlantic herring (*Clupea harengus* L.). *Environmental Toxicology and Chemistry*, 22(12), 3044-3048, 2003.

(2685) YAKIMOV, M.M.; DENARO, R.; GENOVESE, M.; CAPPELLO, S.; D'AURIA, G.; CHERNIKOVA, T.N.; TIMMIS, K.N.; GOLYSHIN, P.N.; GILULIANO, L. Natural microbial diversity in superficial sediments of Milazzo Harbor (Sicily) and community successions during microcosm enrichment with various hydrocarbons. *Environmental Microbiology*, 7(9), 1426-1441, 2005. [Crude oil; tetradecane; PAHs; naphthalene; nutrients]

(2686) ZINGDE, M.D. Inputs into the oceans from land/rivers and pollution. In: Gupta, H.K., (editor). *Oceanology*. p.92-117. India: Universities Press (India) Private Limited, 2005. [Arabian Sea; Bay of Bengal]

### Section 3: Metals

- (2687) **ABDO, M.H.** Assessment of some heavy metals, major cations and organic matter in the recent sediments of Bardawil Lagoon, Egypt. *Egyptian Journal of Aquatic Research*, 31(1), 214-229, 2005. [Cd; Cu; Fe; Mn; Pb; Zn; Ca; Mg; Na; K]
- (2688) **ABRANTES, I.; ROCHA, F.; VIDINHA, J.; DIAS, J.A.** Influence of Aveiro Lagoon heavy metal contents in the adjacent continental shelf (Portugal). *Ciencias Marinas*, 31(1B), 149-160, 2005. [Al; Ca; Cd; Co; Cr; Cu; Fe; Mg; Ni; Pb; Zn]
- (2689) **ADAMS, M.S.; STAUBER, J.L.** Development of a whole-sediment toxicity test using a benthic marine microalga. *Environmental Toxicology and Chemistry*, 23(8), 1957-1968, 2004. [As; Cd; Cu; Mn; Pb; Zn; phenol; tailing particles]
- (2690) **ALI, M.H.H.; FISHAR, M.R.A.** Accumulation of trace metals in some benthic invertebrate and fish species relevant to their concentration in water and sediment of Lake Qarun, Egypt. *Egyptian Journal of Aquatic Research*, 31(1), 289-302, 2005. [Cd; Co; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (2691) **ALVARADO, N.E.; BUXENS, A.; MAZON, L.I.; MARIGOMEZ, I.; SOTO, M.** Cellular biomarkers of exposure and biological effect in hepatocytes of turbot (*Scophthalmus maximus*) exposed to Cd, Cu and Zn and after depuration. *Aquatic Toxicology*, 74(2), 110-125, 2005. [Metallothionein; lysosomes]
- (2692) **ANCORA, S.; BIANCHI, N.; BUTINI, A.; BUIA, M.C.; GAMBI, M.C.; LEONZIO, C.** *Posidonia oceanica* as a biomonitor of trace elements in the Gulf of Naples: temporal trends by lepidochronology. *Environmental Toxicology and Chemistry*, 23(5), 1093-1099, 2004. [Cd; Cu; Fe; Hg; Mn; Pb; Zn]
- (2693) **ARNTZ, W.E.; BREY, T., (EDITORS).** The expedition ANTARKTIS XX1/2 (BENDEX) of RV "Polarstern" in 2003/2004. *Berichte zur Polar und Meeresforschung*, 503, 149p., 2005.
- (2694) **ARSLAN, Z.; SECOR, D.H.** Analysis of trace transition elements and heavy metals in fish otoliths as tracers of habitat use by American eels in the Hudson River estuary. *Estuaries*, 28(3), 382-393, 2005. [Al; Bi; Cd; Co; Cu; Ga; Mn; Ni; Pb; V; Zn]
- (2695) **BAYED, A.; QUINIOU, F.; BENRHA, A.; GUILLOU, M.** The *Paracentrotus lividus* populations from the northern Moroccan Atlantic coast: growth, reproduction and health condition. *Journal of the Marine Biological Association of the United Kingdom*, 85(4), 999-1007, 2005. [Cd; Cu; Hg; Pb]
- (2696) **BENEDICTO, J.; MARTINEZ-GOMEZ, C.; CAMPILLO, J.** Induction of metallothioneins in *Mullus barbatus* as specific biomarker of metal contamination: a field study in the western Mediterranean. *Ciencias Marinas*, 31(1B), 265-274, 2005. [Cd; Cu; Hg; Zn]
- (2697) **BLACKMORE, G.; WANG, W.-X.** Comparison of metal accumulation in mussels at different local and global scales. *Environmental Toxicology and Chemistry*, 22(2), 388-395, 2003. [Cd; Zn]
- (2698) **BUSTAMANTE, P.; MIRAMAND, P.** Evaluation of the variegated scallop *Chlamys varia* as a biomonitor of temporal trends of Cd, Cu, and Zn in the field. *Environmental Pollution*, 138(1), 109-120, 2005.
- (2699) **CAMPANA, O.; RODRIGUEZ, A.; BLASCO, J.** Bioavailability of heavy metals in the Guadalete River Estuary (SW Iberian Peninsula). *Ciencias Marinas*, 31(1B), 135-147, 2005. [Cd; Cu; Pb; Zn]
- (2700) **CORREDEIRA, C.; ARAUJO, M.F.; GOUVEIA, A.; JOUANNEAU, J.M.** Geochemical characterization of sediment cores from the continental shelf off the western rias area (NW Iberian Peninsula). *Ciencias Marinas*, 31(1B), 319-325, 2005. [As; Cu; Pb; Zn; Zr]

- (2701) CORREIA, A.D. Integrated ecotoxicological research with *Gammarus locusta* (L.): biochemical and cellular responses and links to organism-level endpoints. xxii, 250p. Lisbon: Universidade Nova de Lisboa, 2002. (Thesis) [Cu; metallothionein; SOD; catalase; glutathione peroxidase; DNA damage]
- (2702) COTEUR, G.; GILLAN, D.; PERNET, PH.; DUBOIS, PH. Alteration of cellular immune responses in the seastar *Asterias rubens* following dietary exposure to cadmium. *Aquatic Toxicology*, 73(4), 418-421, 2005. [Cd]
- (2703) CULLEN, J.T.; SHERRELL, R.M. Effects of dissolved carbon dioxide, zinc, and manganese on the cadmium to phosphorus ratio in natural phytoplankton assemblages. *Limnology and Oceanography*, 50(4), 1193-1204, 2005. [Cd; Mn; Zn; CO<sub>2</sub>]
- (2704) DE PIRRO, M.; MARSHALL, D.J. Phylogenetic differences in cardiac activity, metal accumulation and mortality of limpets exposed to copper: a prosobranch-pulmonate comparison. *Journal of Experimental Marine Biology and Ecology*, 322(1), 29-37, 2005. [Cu]
- (2705) DEVIÉ, M.-H.; AUGAGNEUR, S.; BUDZINSKI, H.; MORA, P.; NARBONNE, J.-F.; GARRIGUES, P. Microcosm tributyltin bioaccumulation and multibiomarker assessment in the blue mussel *Mytilus edulis*. *Environmental Toxicology and Chemistry*, 22(11), 2679-2687, 2003. [TBT]
- (2706) DOMI, N.; BOUQUEGNEAU, J.M.; DAS, K. Feeding ecology of five commercial shark species of the Celtic Sea through stable isotope and trace metal analysis. *Marine Environmental Research*, 60(5), 551-569, 2005. [Cd; Cu; Fe; Hg; Se; Zn]
- (2707) EL-MOSELHY, K.; YASSIEN, M.H. Accumulation patterns of heavy metals in venus clams, *Paphia undulata* (Born, 1780) and *Gafrarium pectinatum* (Linnaeus, 1758), from Lake Timsah, Suez Canal, Egypt. *Egyptian Journal of Aquatic Research*, 31(1), 13-29, 2005. [Cd; Co; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (2708) ENDO, T.; HARAGUCHI, K.; HOTTA, Y.; HISAMICHI, Y.; LAVERY, S.; DALEBOUT, M.L.; BAKER, C.S. Total mercury, methyl mercury, and selenium levels in the red meat of small cetaceans sold for human consumption in Japan. *Environmental Science and Technology*, 39(15), 5703-5708, 2005. [Hg; Se]
- (2709) FATTORINI, D.; REGOLI, F. Arsenic speciation in tissues of the Mediterranean polychaete *Sabella spallanzanii*. *Environmental Toxicology and Chemistry*, 23(8), 1881-1887, 2004.
- (2710) FERBER, D. Sperm whales bear testimony to worldwide pollution. *Science*, 309(5738), p.1166, 2005. [POPs; Hg]
- (2711) FISHING NEWS INTERNATIONAL. Mercury not rising - US study clears tuna. *Fishing News International*, 44(9), p.13, 2005. [Hg]
- (2712) FRIAS-ESPERICUETA, M.G.; OSUNA-LOPEZ, J.I.; ESTRADA-TOLEDO, F.J.; LOPEZ-LOPEZ, G.; IZAGUIRRE-FIERRO, G. Heavy metals in the edible muscle of shrimp from coastal lagoons located in northwest Mexico. *Bulletin of Environmental Contamination and Toxicology*, 74(6), 1098-1104, 2005. [Cd; Co; Cu; Fe; Ni; Pb; Zn]
- (2713) GAVRILL, A.M.; ANGELIDIS, M.O. Metal and organic carbon distribution in water column of a shallow enclosed Bay at the Aegean Sea Archipelago: Kalloni Bay, island of Lesbos, Greece. *Estuarine, Coastal and Shelf Science*, 64(2/3), 200-210, 2005. [Cd; Cu; Fe; Mn; Ni; Pb; Zn]
- (2714) GEFFARD, O.; BUDZINSKI, H.; HIS, E. The effects of decanted sediments on embryogenesis in oysters (*Crassostrea gigas*). *Environmental Toxicology and Chemistry*, 23(7), 1655-1661, 2004.
- (2715) GEORGIADES, E. The impact of petroleum hydrocarbons on marine invertebrates. xxi, 214p. RMIT University, 2003. (Thesis) [PAHs; cytochrome P450; cytochrome P418; *Coscinasterias muricata*; metallothioneins; Cd; Cu; Pb; Zn]

- (2716) HAMED, M.A. Preconcentration and separation of Fe(III), Co(II), Ni(II) and Zn(II) by solid-phase extraction using silica modified with N-Propylsalicylaldimine. *Egyptian Journal of Aquatic Research*, 31(1), 30-42, 2005.
- (2717) HERNANDEZ-SAAVEDRA, N.Y.; RAMIREZ-SERRANO, R. Differential expression and function of copper-zinc superoxide dismutases under metal stress in marine yeast (*Debaryomyces hansenii*). *Marine Biotechnology*, 6(Supplement 1), S519-S523, 2005. [Ag; Co; Cu; Pb]
- (2718) HISCOCK, K.; LANGMEAD, O.; WARWICK, R. Identification of seabed indicator species from time-series and other studies to support implementation of the EU habitats and Water Framework Directives. 109p. Plymouth: Marine Biological Association, 2004. [Review]
- (2719) HISCOCK, K.; LANGMEAD, O.; WARWICK, R.; SMITH, A. Identification of seabed indicator species to support implementation of the EU habitats and Water Framework Directives. Second Edition. 77p. Plymouth: Marine Biological Association, 2005.
- (2720) IKEMOTO, T.; KUNITO, T.; ANAN, Y.; TANAKA, H.; BABA, N.; MIYAZAKI, N.; TANABE, S. Association of heavy metals with metallothionein and other proteins in hepatic cytosol of marine mammals and seabirds. *Environmental Toxicology and Chemistry*, 23(8), 2008-2016, 2004. [Ag; Cd; Cu; Hg; Se; Zn]
- (2721) JASTANIA, H.A.; ABBASI, A.R. Ultrastructural changes in the posterior gut of Atlantic herring, *Clupea harengus* L. larvae exposed to mercury. *Asian Fisheries Science*, 18(1/2), 85-94, 2005. [Hg]
- (2722) JIANN, K.-T.; WEN, L.S.; SANTOSCHI, P.H. Trace metal (Cd, Cu, Ni, Pb) partitioning, affinities and removal in the Danshuei River estuary, a macro-tidal, temporally anoxic estuary in Taiwan. *Marine Chemistry*, 96(3/4), 293-313, 2005.
- (2723) KANNAN, K.; KAJIWARA, N.; WATANABE, M.; NAKATA, H.; THOMAS, N.J.; STEPHENSON, M.; JESSUP, D.A.; TANABE, SH. Profiles of polychlorinated biphenyl congeners, organochlorine pesticides, and butyltins in Southern Sea otters and their prey. *Environmental Toxicology and Chemistry*, 23(1), 49-56, 2004. [DDTs; PCBs; butyltins]
- (2724) KIRBY, J.; MAHER, W.; SPOONER, D. Arsenic occurrence and species in near-shore macroalgae-feeding marine animals. *Environmental Science and Technology*, 39(16), 5999-6005, 2005.
- (2725) LAI, M.Y.; SHEN, P.P.; ZHAO, Z.; ZHOU, H.; GU, J.-D. Concentrations of heavy metals in the benthic microgastropods *Sermyla riqueti* and *Stenothyra devalis* at the Mai Po Inner Deep Bay Ramsar site of Hong Kong. *Bulletin of Environmental Contamination and Toxicology*, 74(6), 1065-1071, 2005. [Cr; Cu; Pb; Zn]
- (2726) LAVOLPE, M.; GRECO, L.L.; KESSELMAN, D.; RODRIGUEZ, E. Differential toxicity of copper, zinc, and lead during the embryonic development of *Chasmagnathus granulatus* (Brachyura, Varunidae). *Environmental Toxicology and Chemistry*, 23(4), 960-967, 2004. [Cu; Pb; Zn]
- (2727) LEE, J.-S.; LEE, B.G.; LUOMA, S.N.; YOO, H. Importance of equilibration time in the partitioning and toxicity of zinc in spiked sediment bioassays. *Environmental Toxicology and Chemistry*, 23(1), 65-71, 2004. [Zn]
- (2728) LEIGNEL, V.; HARDIVILLIER, Y.; LAULIER, M. Small metallothionein MT-10 genes in coastal and hydrothermal mussels. *Marine Biotechnology*, 7(3), 236-244, 2005. [Normandy; Pacific Ocean]
- (2729) LIU, C.-W.; HUANG, F.-M.; HSUEH, Y.-M. Revised cancer risk assessment of inorganic arsenic upon consumption of tilapia (*Oreochromis mossambicus*) from blackfoot disease hyperendemic areas. *Bulletin of Environmental Contamination and Toxicology*, 74(6), 1037-1044, 2005.

- (2730) LOSCHAU, M.; KRATKE, R. Efficacy and toxicity of self-polishing biocide-free antifouling paints. *Environmental Pollution*, 138(2), 260-267, 2005. [Toxicity partially attributed to leached Zn]
- (2731) MACHADO, A.; ROCHA, F.; ARAUJO, M.F.; VITALI, F.; GOMES, C.; DIAS, J.A. Geochemical characterization of surficial sediments from the southwestern Iberian continental shelf. *Ciencias Marinas*, 31(1B), 161-171, 2005. [Ba; Nb; Zr; Y; Sr; Rb; Pb; As; Zn; Cu; Ni; Co; Cr; V; La; Ce; Nd; Sm; Eu; Tb; Yb; Lu]
- (2732) MADKOUR, H.A. Geochemical and environmental studies of recent marine sediments and some hard corals of Wadi El-Gemal area of the Red Sea, Egypt. *Egyptian Journal of Aquatic Research*, 31(1), 69-91, 2005. [Cd; Co; Cu; Fe; Mn; Ni; Pb; Zn]
- (2733) MAPLES, N.L.; BAIN, L.J. Trivalent chromium alters gene expression in the mummichog (*Fundulus heteroclitus*). *Environmental Toxicology and Chemistry*, 23(3), 626-631, 2004. [Cr]
- (2734) MARCOVECCHIO, J.; FERRER, L. Distribution and geochemical partitioning of heavy metals in sediments of the Bahia Blanca Estuary, Argentina. *Journal of Coastal Research*, 21(4), 826-834, 2005. [Cd; Cr; Cu; Fe; Pb; Zn]
- (2735) MARTINS, V.; ROCHA, F.; GOMES, C.; GOMES, V.; JOUANNEAU, J.; WEBER, O.; DIAS, J. Geochemical, textural, mineralogical and micropaleontological data used for climatic reconstruction during the Holocene in the Galician sector of the Iberian continental margin. *Ciencias Marinas*, 31(1B), 293-308, 2005. [Al; Ca; Cd; Co; Cr; Cu; Fe; Mg; Ni; Pb; Zn]
- (2736) MICHELETTI, C.; CRITTO, A.; CARLON, C.; MARCOMINI, A. Ecological risk assessment of persistent toxic substances for the clam *Tapes philippinarum* in the Lagoon of Venice, Italy. *Environmental Toxicology and Chemistry*, 23(6), 1575-1582, 2004. [As; Cd; Cr; Cu; Hg; Ni; Pb; Zn; PCBs]
- (2737) MOHAMED, A.W. Geochemistry and sedimentology of core sediments and the influence of human activities; Qusier, Safaga and Hurghada harbors, Red Sea Coast, Egypt. *Egyptian Journal of Aquatic Research*, 31(1), 92-104, 2005. [Cd; Co; Cu; Ni; Ph; V; Zn]
- (2738) MORCILLO, Y.; JANER, G.; O'HARA, S.C.M.; LIVINGSTONE, D.R.; PORTE, C. Interaction of tributyltin with hepatic cytochrome P450 and uridine diphosphate-glucuronosyl transferase systems of fish: in vitro studies. *Environmental Toxicology and Chemistry*, 23(4), 990-996, 2004. [TBT; cytochrome P450]
- (2739) MORGADO, M.E.; BEBIANNO. A mussel watch in the Ria Formosa lagoon. *Ciencias Marinas*, 31(1B), 231-241, 2005. [Ag; Cd; Cr; Cu; Ni; Pb; Zn]
- (2740) MUCHA, A.P.; LEAL, M.F.C.; BORDALO, A.A.; VASCONCELOS, M.T.S.D. Comparison of the response of three microalgae species exposed to elutriates of estuarine sediments based on growth and chemical speciation. *Environmental Toxicology and Chemistry*, 22(3), 576-585, 2003.
- (2741) MUCHA, A.P.; VASCONCELOS, M.T.S.D.; BORDALO, A.A. Spatial and seasonal variations of the macrobenthic community and metal contamination in the Douro estuary (Portugal). *Marine Environmental Research*, 60(5), 531-550, 2005. [Al; Cd; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (2742) MUNOZ, J.; GALLEGO, M.; VALCARCEL, M. Speciation of organometallic compounds in environmental samples by gas chromatography after flow preconcentration on fullerenes and nanotubes. *Analytical Chemistry*, 77(16), 5389-5395, 2005. [Hg; Pb; Sn; trimethyl lead; dimethyllead; triethyllead; diethyllead; methylmercury; ethylmercury; n-butylytin; di-n-butylytin; tri-n-butylytin]
- (2743) NETO, J.A.B.; CRAPEZ, M.; MCALISTER, J.J.; VILELA, C.G. Concentration and bioavailability of heavy metals in sediments from Niteroi Harbour (Guanabara Bay/S.E. Brazil). *Journal of Coastal Research*, 21(4), 811-817, 2005. [Cr; Cu; Ni; Pb; Zn]

- (2744) PETERSEN, D.G.; DAHLLOF, I.; NIELSON, L.P. Effects of zinc pyriithione and copper pyriithione on microbial community function and structure in sediments. *Environmental Toxicology and Chemistry*, 23(4), 921-928, 2004.
- (2745) RAIMUNDO, J.; PEREIRA, P.; VALE, C.; CAETANO, M. Fe, Zn, Cu and Cd concentrations in the digestive gland and muscle tissues of *Octopus vulgaris* and *Sepia officinalis* from two coastal areas in Portugal. *Ciencias Marinas*, 31(1B), 243-251, 2005.
- (2746) RIBA, I.; CASADO-MARTINEZ, C.; FORJA, J.M.; DEL VALLS, A. Sediment quality in the Atlantic coast of Spain. *Environmental Toxicology and Chemistry*, 23(2), 271-282, 2004. [Hg; Cd; Pb; Cu; Zn; As; Ni; Cr; PCBs; PAHs]
- (2747) RIBA, I.; DEL VALLS, T.A.; FORJA, J.M.; GOMEZ-PARRA, A. The influence of pH and salinity on the toxicity of heavy metals in sediment to the estuarine clam *Ruditapes philippinarum*. *Environmental Toxicology and Chemistry*, 23(5), 1100-1107, 2004.
- (2748) ROCHA, F.; SILVA, E. BERNARDES, C.; VIDINHA, J.; PATINHA, C. Chemical and mineralogical characterization of the sediments from the Mira, Ilhavo and Ovar channels of Aveiro Lagoon (Portugal). *Ciencias Marinas*, 31(1B), 253-263, 2005. [Cd; Co; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (2749) ROUSSIEZ, V.; LUDWIG, W.; PROBST, J.-L.; MONACO, A. Background levels of heavy metals in surficial sediments of the Gulf of Lions (NW Mediterranean): an approach based on <sup>133</sup>Cs normalization and lead isotope measurements. *Environmental Pollution*, 138(1), 167-177, 2005. [Co; Cr; Cu; Ni; Pb; Zn]
- (2750) SAENZ, V.; BLASCO, J.; GOMEZ-PARRA, A. Speciation of heavy metals in recent sediments of three coastal ecosystems in the Gulf of Cadiz, southwest Iberian Peninsula. *Environmental Toxicology and Chemistry*, 22(12), 2833-2839, 2003. [Cr; Mn; Fe; Zn; Cd; Pb]
- (2751) SANCHEZ, M.V.; CAHANSKY, A.V.; LOPEZ GRECO, L.S.; RODRIGUEZ, E.M. Toxicity of mercury during the embryonic development of *Chasmagnathus granulatus* (Brachyura, Varunidae). *Environmental Research*, 99(1), 72-78, 2005. [Hg]
- (2752) SASTRE, M.P.; COLLADO, E.; COLLAZO, G.; LEBRON, S.; MENA, L.; MORALES, S.; MULLER, R.; PEREZ, L.; RIVERA, P.; VELEZ, Y. DNA damage in the Caribbean mussel *Brachiodontes exustus*: a comet assay evaluation. *Bulletin of Marine Science*, 77(1), 73-81, 2005. [Cu; hydrogen peroxide]
- (2753) SEIXAS, S.; PIERCE, G. Bioaccumulation of lead, calcium and strontium and their relationships in the octopus *Octopus vulgaris*. *Water, Air, and Soil Pollution*, 163(1-4), 137-152, 2005. [Ca; Pb; Sr]
- (2754) SHAKWEER, L.M.; ABBAS, M.M. Effect of ecological and biological factors on the uptake and concentration of trace elements by aquatic organisms at Edku Lake. *Egyptian Journal of Aquatic Research*, 31(1), 271-288, 2005. [Cu; Ni; Pb; Zn]
- (2755) SREEKUMARI, K.R.; NANDAKUMAR, K.; WAGH, A.B. Biofilm-forming bacteria on copper panels exposed in the Arabian Sea. *Marine Biotechnology*, 6(Supplement 1), S306-S312, 2005. [Cu]
- (2756) TAYLOR, R.L.; CALDWELL, G.S.; BENTLEY, M.G. Toxicity of algal-derived aldehydes to two invertebrate species: do heavy metal pollutants have a synergistic effect? *Aquatic Toxicology*, 74(1), 20-31, 2005. [Cu; Zn]
- (2757) TODA, K.; OHBA, T.; TAKAKI, M.; KARTHIKEYAN, S.; HIRATA, S.; DASGUPTA, P.K. Speciation-capable field instrument for the measurement of arsenite and arsenate in water. *Analytical Chemistry*, 77(15), 4765-4773, 2005.



- (2758) TYRRELL, L.; MCHUGH, B.; GLYNN, D.; TWOMEY, M.; JOYCE, E.; COSTELLO, J.; MCGOVERN, E. Trace metal concentrations in various fish species landed at selected Irish ports, 2003. *Marine Environment and Health Series*, (20), 19p., 2005. [Killybegs; Rossaveal; Castletownbere; Dunmore East; Howth; Ag; Cd; Cr; Cu; Ni; Pb; Zn]
- (2759) TYRRELL, L.; TWOMEY, M.; GLYNN, D.; MCHUGH, B.; JOYCE, E.; COSTELLO, J.; MCGOVERN, E. Trace metal and chlorinated hydrocarbon concentrations in various fish species landed at selected Irish ports, 2002. *Marine Environment and Health Series*, 18, 21p., 2004. [Killybegs; Rossaveal; Castletownbere; Dunmore East; Howth; Cd; Cr; Cu; Hg; Pb; Zn; PCB congeners; HCB; aldrin; chlordanes; HCH]  
Available at:  
<http://www.marine.ie/publicationsandlibrary/marine+institute+publications/marine+environment+and+health+services/index.htm>.
- (2760) VUORIO, K.; LAGUS, A.; LEHTIMAKI, J.M.; SUOMELA, J.; HELMINEN, H. Phytoplankton community responses to nutrient and iron enrichment under different nitrogen to phosphorus ratios in the northern Baltic Sea. *Journal of Experimental Marine Biology and Ecology*, 322(1), 39-52, 2005.
- (2761) WANG, Y.; WANG, J.-H.; FANG, Z.-L. Octadecyl immobilized surface for precipitate collection with a renewable microcolumn in a lab-on-valve coupled to an electrothermal atomic absorption spectrometer for ultratrace cadmium determination. *Analytical Chemistry*, 77(16), 5396-5401, 2005. [Cd; river sediment (CRM 320); sea lettuce (CRM 279)]
- (2762) WILSON, H.M.; PETERSEN, M.R.; TROY, D. Concentrations of metals and trace elements in blood of spectacled and king eiders in Northern Alaska, USA. *Environmental Toxicology and Chemistry*, 23(2), 408-414, 2004. [As; Ba; Cd; Hg; Pb; Se]
- (2763) WINDHAM, L.; WEIS, J.S.; WEIS, P. Metal dynamics of plant litter of *Spartina alterniflora* and *Phragmites australis* in metal-contaminated salt marshes. Part 1: patterns of decomposition and metal uptake. *Environmental Toxicology and Chemistry*, 23(6), 1520-1528, 2004. [Cu; Cr; Pb; Zn]
- (2764) ZHANG, L.; WANG, W.-X. Effects of Zn pre-exposure on Cd and Zn bioaccumulation and metallothionein levels in two species of marine fish. *Aquatic Toxicology*, 73(4), 353-369, 2005.
- (2765) ZINGDE, M.D. Inputs into the oceans from land/rivers and pollution. In: Gupta, H.K., (editor). *Oceanology*. p.92-117. India: Universities Press (India) Private Limited, 2005. [Arabian Sea; Bay of Bengal]

## Section 4: Radioactivity

- (2766) BARRON, M.G.; CARLS, M.G.; SHORT, J.W.; RICE, S.D. Photoenhanced toxicity of aqueous phase and chemically dispersed weathered Alaska North Slope crude oil to Pacific herring eggs and larvae. *Environmental Toxicology and Chemistry*, 22(3), 650-655, 2003. [UV; PAHs]
- (2767) DONOVAN, G.P., (EDITOR). Report of the IWC Scientific Committee Annual Meeting, 29 June - 10 July 2004, Sorrento, Italy; Report of the Fifth Workshop on the Development of an Aboriginal Subsistence Whaling Management Procedure (AWMP); Report of an Intersessional Meeting to Review the Southern Ocean Sanctuary. *Journal of Cetacean Research and Management*, 7(Supplement), 411p., 2005. [Including impact of noise; UV; pollution; habitat degradation]
- (2768) DUNLAP, W.C.; FUJISAWA, A.; YAMAMOTO, Y.; INOUE, M. Tropical UV-tolerant bacteria may provide a pharmacomimetic model for anti-aging research and cancer prevention. *Marine Biotechnology*, 6(Supplement 1), S223-S230, 2005.
- (2769) FRANIC, Z. Estimation of the Adriatic Sea water turnover time using fallout <sup>90</sup>Sr as a radioactive tracer. *Journal of Marine Systems*, 57(1/2), 1-12, 2005.
- (2770) HISCOCK, K.; LANGMEAD, O.; WARWICK, R. Identification of seabed indicator species from time-series and other studies to support implementation of the EU habitats and Water Framework Directives. 109p. Plymouth: Marine Biological Association, 2004. [Review]
- (2771) HISCOCK, K.; LANGMEAD, O.; WARWICK, R.; SMITH, A. Identification of seabed indicator species to support implementation of the EU habitats and Water Framework Directives. Second Edition. 77p. Plymouth: Marine Biological Association, 2005.
- (2772) LINDAHL, P.; ROOS, P.; HOLM, E.; DAHLGAARD, H. Studies of Np and Pu in the marine environment of Swedish-Danish waters and the North Atlantic Ocean. *Journal of Environmental Radioactivity*, 82(3), 285-301, 2005. [From Sellafield]
- (2773) PERIANEZ, R. Modelling the dispersion of radionuclides by a river plume: application to the Rhone river. *Continental Shelf Research*, 25(12/13), 1583-1603, 2005. [137 Cs; 239,240 Pu; 125 Sb]
- (2774) VEHNIAEINEN, E.-R.; HAEKKINEN, J.; OIKARI, A. Photoinduced lethal and sublethal toxicity of retene, a polycyclic aromatic hydrocarbon derived from resin acid, to coregonid larvae. *Environmental Toxicology and Chemistry*, 22(12), 2995-3000, 2003. [UV; PAH]
- (2775) WIEGMAN, S.; BARRAGUET, CH.; SPIJKERMAN, E.; KRAAK, M.H.S.; ADMIRAAL, W. The role of ultraviolet-adaptation of a marine diatom in photoenhanced toxicity of acridine. *Environmental Toxicology and Chemistry*, 22(3), 591-598, 2003. [UV]
- (2776) XUE, L.; ZHANG, Y.; ZHANG, T.; AN, L.; WANG, X. Effects of enhanced ultraviolet-B radiation on algae and cyanobacteria. *Critical Reviews in Microbiology*, 31, 79-89, 2005. [UVB; UV]

## Section 5: Other Chemicals

- (2777) ACEVEDO-MERINO, A.; GARRIDO-PEREZ, C.; NEBOT-SANZ, E.; SALES-MARQUEZ, D. Dilution and autodepuration processes in a coastal system affected by urban wastewater discharges: case study of the Iro River estuary (southwestern Spain). *Ciencias Marinas*, 31(1B), 221-230, 2005. [Nutrients; coliforms; faecal streptococci]
- (2778) ADAMS, M.S.; STAUBER, J.L. Development of a whole-sediment toxicity test using a benthic marine microalga. *Environmental Toxicology and Chemistry*, 23(8), 1957-1968, 2004. [As; Cd; Cu; Mn; Pb; Zn; phenol; tailing particles]
- (2779) AKTAN, Y.; TUFEKCI, V.; TUFEKCI, H.; AYKULU, G. Distribution patterns, biomass estimates and diversity of phytoplankton in Izmit Bay (Turkey). *Estuarine, Coastal and Shelf Science*, 64(2/3), 372-384, 2005. [Eutrophication; nutrients]
- (2780) ARMITAGE, A.R.; FRANKOVICH, T.A.; HECK, K.L., JR.; FOURQUREAN, J.W. Experimental nutrient enrichment causes complex changes in seagrass, microalgae, and macroalgae community structure in Florida Bay. *Estuaries*, 28(3), 422-434, 2005.
- (2781) ARSLAN, Z.; SECOR, D.H. Analysis of trace transition elements and heavy metals in fish otoliths as tracers of habitat use by American eels in the Hudson River estuary. *Estuaries*, 28(3), 382-393, 2005. [Al; Bi; Cd; Co; Cu; Ga; Mn; Ni; Pb; V; Zn]
- (2782) BACHOR, A. Nährstoffeinträge in die Küstengewässer Mecklenburg-Vorpommerns - eine Belastungsanalyse. *Rostocker Meeresbiologische Beiträge*, 14, 17-32, 2005. [Eutrophication]
- (2783) BARESEL, C.; DESTOUNI, G. Novel quantification of coupled natural and cross-sectoral water and nutrient/pollutant flows for environmental management. *Environmental Science and Technology*, 39(16), 6182-6190, 2005. [Nitrogen load]
- (2784) BARREIRA, L.A.; BEBIANNO, M.J.; MUDGE, S.M.; FERREIRA, A.M.; ALBINO, C.I.; VERIATO, L.M. Relationship between PCBs in suspended and settled sediments from a coastal lagoon. *Ciencias Marinas*, 31(1B), 179-195, 2005.
- (2785) BEJARANO, A.C.; CHANDLER, G.T. Reproductive and developmental effects of atrazine on the estuarine meiobenthic copepod *Amphiascus tenuiremis*. *Environmental Toxicology and Chemistry*, 22(12), 3009-3016, 2003.
- (2786) BIELE, S.; GEHM, O.; VOIGT, B.; KRECH, M. Praktische Aspekte der nachhaltigen Sanierung kleiner Einzugsgebiete am Beispiel des Saaler Baches (Landkreis Nordvorpommern, Mecklenburg-Vorpommern). *Rostocker Meeresbiologische Beiträge*, 14, 33-42, 2005. [Nutrients; sewage works; effluent; agriculture]
- (2787) BOUDREAU, M.; COURTENAY, S.C.; MACLATCHY, D.L.; BERUBE, C.H.; PARROTT, J.L.; VAN DER KRAAK, G.J. Utility of morphological abnormalities during early-life development of the estuarine mummichog, *Fundulus heteroclitus*, as an indicator of estrogenic and antiestrogenic endocrine disruption. *Environmental Toxicology and Chemistry*, 23(2), 415-425, 2004.
- (2788) BUCHAN, K.A.H.; MARTIN-ROBICHAUD, D.J.; BENFEY, T.J. Measurement of dissolved ozone in sea water: a comparison of methods. *Aquacultural Engineering*, 33(3), 225-231, 2005.
- (2789) CARRUTHERS, T.J.B.; VAN TUSSENBROEK, B.I.; DENNISON, W.C. Influence of submarine springs and wastewater on nutrient dynamics of Caribbean seagrass meadows. *Estuarine, Coastal and Shelf Science*, 64(2/3), 191-199, 2005. [Nutrients; sewage; eutrophication]
- (2790) CERMENO, P.; MARANON, E.; RODRIGUEZ, J.; FERNANDEZ, E. Large-sized phytoplankton sustain higher carbon-specific photosynthesis than smaller cells in a coastal eutrophic ecosystem. *Marine Ecology Progress Series*, 297, 51-60, 2005.

- (2791) CHANDLER, G.T.; CARY, T.L.; VOLZ, D.C.; WALSE, S.S.; FERRY, J.L.; KLOSTERHAUS, S.L. Fipronil effects on estuarine copepod (*Amphiascus tenuiremis*) development, fertility, and reproduction: a rapid life-cycle assay in 96-well microplate format. *Environmental Toxicology and Chemistry*, 23(1), 117-124, 2004.
- (2792) CRAVO-LAUREAU, C.; GROSSI, V.; RAPHEL, D.; MATHERON, R.; HIRSCHLER-REA, A. Anaerobic n-alkane metabolism by a sulfate-reducing bacterium, *Desulfatibacillum aliphaticivorans* strain CV2803T. *Applied and Environmental Microbiology*, 71(7), 3458-3467, 2005. [Pentadecane; hexadecane]
- (2793) CULLEN, J.T.; SHERRELL, R.M. Effects of dissolved carbon dioxide, zinc, and manganese on the cadmium to phosphorus ratio in natural phytoplankton assemblages. *Limnology and Oceanography*, 50(4), 1193-1204, 2005. [Cd; Mn; Zn; CO<sub>2</sub>]
- (2794) DIZON, R.M.; YAP, H.T. Coral responses in single- and mixed-species plots to nutrient disturbance. *Marine Ecology Progress Series*, 296, 165-172, 2005. [Nutrient loading]
- (2795) DOMINGUES, R.B.; BARBOSA, A.; GALVAO, H. Nutrients, light and phytoplankton succession in a temperate estuary (the Guadiana, south-western Iberia). *Estuarine, Coastal and Shelf Science*, 64(2/3), 249-260, 2005. [Dam construction; changed freshwater flow]
- (2796) DONOVAN, G.P., (EDITOR). Report of the IWC Scientific Committee Annual Meeting, 29 June - 10 July 2004, Sorrento, Italy; Report of the Fifth Workshop on the Development of an Aboriginal Subsistence Whaling Management Procedure (AWMP); Report of an Intersessional Meeting to Review the Southern Ocean Sanctuary. *Journal of Cetacean Research and Management*, 7(Supplement), 411p., 2005. [Including impact of noise; UV; pollution; habitat degradation]
- (2797) DYBAS, C.L. Dead zones spreading in world oceans. *BioScience*, 55(7), 552-557, 2005. [Nutrient runoff]
- (2798) ELLIOTT, J.E.; WILSON, L.K.; WAKEFORD, B. Polybrominated diphenyl ether trends in eggs of marine and freshwater birds from British Columbia, Canada, 1979 - 2002. *Environmental Science and Technology*, 39(15), 5584-5591, 2005. [PBDE congeners; flame retardants]
- (2799) FEIBICKE, M. Konzept zur Restaurierung des Schlei-Astuars. *Rostocker Meeresbiologische Beiträge*, 14, 69-82, 2005. [Nutrients; remobilization]
- (2800) FERBER, D. Sperm whales bear testimony to worldwide pollution. *Science*, 309(5738), p.1166, 2005. [POPs; Hg]
- (2801) FRIIS, K.; KORTZINGER, A.; PATSCH, J.; WALLACE, D.W.R. On the temporal increase of anthropogenic CO<sub>2</sub> in the subpolar North Atlantic. *Deep Sea Research I*, 52(5), 681-698, 2005.
- (2802) GABRIEL, M.D.; FORJA, J.M.; RUBIO, J.A.; GOMEZ-PARRA, A. Temperature and salinity dependence of molar absorptivities of thymol blue: application to the spectrophotometric determination of pH in estuarine waters. *Ciencias Marinas*, 31(1B), 309-318, 2005.
- (2803) GALIULIN, R.V.; BASHKIN, V.N.; GALIULINA, R.A. Ecological risk assessment of riverine contamination in the Caspian Sea basin: a conceptual model for persistent organochlorinated compounds. *Water, Air, and Soil Pollution*, 163(1-4), 33-51, 2005. [DDT; HCH; PCBs]
- (2804) GALLEGOS, C.L.; JORDAN, T.E.; HINES, A.H.; WELLER, D.E. Temporal variability of optical properties in a shallow, eutrophic estuary: seasonal and interannual variability. *Estuarine, Coastal and Shelf Science*, 64(2/3), 156-170, 2005.
- (2805) GARCIA-FLOR, N.; GUITART, C.; ABALOS, M.; DACHS, J.; BAYONA, J.M.; ALBAIGES, J. Enrichment of organochlorine contaminants in the sea surface microlayer: an organic carbon-driven process. *Marine Chemistry*, 96(3/4), 331-345, 2005. [DDTs; HCB; HCHs; PCB congeners]

- (2806) GARCIA-LUQUE, E.; FORJA, J.M.; GOMEZ-PARRA, A. Quantification of laboratory-simulated water-atmosphere CO<sub>2</sub> fluxes in estuaries. *Ciencias Marinas*, 31(1B), 125-133, 2005. [Exposed to anthropogenic influences]
- (2807) GRACIELA DE MARCO, S.; BELTRAME, M.O.; FREIJE, R.H.; MARCOVECCHIO, J.E. Phytoplankton dynamic in Mar Chiquita Coastal Lagoon (Argentina), and its relationship with potential nutrient sources. *Journal of Coastal Research*, 21(4), 818-825, 2005.
- (2808) HAMMOND, J.A.; HALL, A.J.; DYRYNDA, E.A. Comparison of polychlorinated biphenyl (PCB) induced effects on innate immune functions in harbour and grey seals. *Aquatic Toxicology*, 74(2), 126-138, 2005. [St. Andrews Bay; Eden; Tay]
- (2809) HECHT, S.A.; GUNNARSSON, J.S.; BOESE, B.L.; LAMBERSON, J.O.; SCHAFFNER, C.; GIGER, W.; JEPSON, P.C. Influences of sedimentary organic matter quality on the bioaccumulation of 4-nonylphenol by estuarine amphipods. *Environmental Toxicology and Chemistry*, 23(4), 865-873, 2004.
- (2810) HISCOCK, K.; LANGMEAD, O.; WARWICK, R. Identification of seabed indicator species from time-series and other studies to support implementation of the EU habitats and Water Framework Directives. 109p. Plymouth: Marine Biological Association, 2004. [Review]
- (2811) HISCOCK, K.; LANGMEAD, O.; WARWICK, R.; SMITH, A. Identification of seabed indicator species to support implementation of the EU habitats and Water Framework Directives. Second Edition. 77p. Plymouth: Marine Biological Association, 2005.
- (2812) HOUTMAN, C.J.; CENIJN, P.H.; HAMERS, T.; LAMOREE, M.H.; LEGLER, J.; MURK, A.J.; BROUWER, A. Toxicological profiling of sediments using in vitro bioassays, with emphasis on endocrine disruption. *Environmental Toxicology and Chemistry*, 23(1), 32-40, 2004.
- (2813) HWANG, H.-M.; WADE, T.L.; SERICANO, J.L. Destabilized lysosomes and elimination of polycyclic aromatic hydrocarbons and polychlorinated biphenyls in eastern oysters (*Crassostrea virginica*). *Environmental Toxicology and Chemistry*, 23(8), 1991-1995, 2004. [PAHs; PCBs]
- (2814) ISIDORI, M.; LAVORGNA, M.; NARDELLI, A.; PASCARELLA, L.; PARRELLA, A. Toxic and genotoxic evaluation of six antibiotics on non-target organisms. *Science of the Total Environment*, 346(1-3), 87-98, 2005. [Including Microtox; Erythromycin; Oxytetracyclin; Sulfamethoxazole; Ofloxacin; Lincomycin]
- (2815) ISOSAARI, P.; KIVIRANTA, H.; LIE, O.; LUNDEBYE, A.-K.; RITCHIE, G.; VARTIANINEN, T. Accumulation and distribution of polychlorinated dibenzo-p-dioxin, dibenzofuran, and polychlorinated biphenyl congeners in Atlantic salmon (*Salmo salar*). *Environmental Toxicology and Chemistry*, 23(7), 1672-1679, 2004. [PCDD; PCDF; PCBs]
- (2816) KANNAN, K.; KAJIWARA, N.; WATANABE, M.; NAKATA, H.; THOMAS, N.J.; STEPHENSON, M.; JESSUP, D.A.; TANABE, SH. Profiles of polychlorinated biphenyl congeners, organochlorine pesticides, and butyltins in Southern Sea otters and their prey. *Environmental Toxicology and Chemistry*, 23(1), 49-56, 2004. [DDTs; PCBs; butyltins]
- (2817) KAREZ, R.; SCHORIES, D. Die Steinfischerei und ihre Bedeutung für die Wiederansiedlung von *Fucus vesiculosus* in der Tiefe. *Rostocker Meeresbiologische Beiträge*, 14, 95-107, 2005. [Eutrophication]
- (2818) KELLER, J.M.; KUCKLICK, J.R.; HARMS, C.A.; MCCLELLAN-GREEN, P.D. Organochlorine contaminants in sea turtles: correlations between whole blood and fat. *Environmental Toxicology and Chemistry*, 23(3), 726-738, 2004.
- (2819) KIRBY, M.F., (ET AL). The presence of morphologically intermediate papilla syndrome in United Kingdom populations of sand goby (*Pomatoschistus* spp): endocrine disruption. *Environmental Toxicology and Chemistry*, 22(2), 239-251, 2003. [MIPS condition was most prevalent in Tees; Mersey; Clyde]

- (2820) KIRBY, M.P., (ET AL). Surveys of plasma vitellogenin and intersex in male flounder (*Platichthys flesus*) as measures of endocrine disruption by estrogenic contamination in United Kingdom estuaries: temporal trends, 1996 to 2001. *Environmental Toxicology and Chemistry*, 23(3), 748-758, 2004. [Tyne; Wear; Tees; Mersey; Clyde; Forth]
- (2821) KLEEBERG, A. Effektivitat gebaggerter Sedimentationsfallen zur Elimination von Phosphor und suspendiertem Material in Flussmundungsgebieten. *Rostocker Meeresbiologische Beitrage*, 14, 43-53, 2005. [Eutrophication; SPM; Fe]
- (2822) KLOSTERHAUS, S.L.; DIPINTO, L.M.; CHANDLER, G.T. A comparative assessment of azinphosmethyl bioaccumulation and toxicity in two estuarine meiobenthic harpacticoid copepods. *Environmental Toxicology and Chemistry*, 22(12), 2960-2968, 2003.
- (2823) LARA-MARTIN, P.A.; GOMEZ-PARRA, A.; PETROVIC, M.; BARCELO, D.; GONZALEZ-MAZO, E. Distribution of organic pollutants in coastal sediments of Cadiz Bay (SW Spain). *Ciencias Marinas*, 31(1B), 203-212, 2005. [PAHs; PCBs; DDTs; LAS; NPEOs]
- (2824) LOHMANN, R.; BURGESS, R.M.; CANTWELL, M.G.; RYBA, S.A.; MACFARLANE, J.K.; GSCHWEND, P.M. Dependency of polychlorinated biphenyl and polycyclic aromatic hydrocarbon bioaccumulation in *Mya arenaria* on both water column and sediment bed chemical activities. *Environmental Toxicology and Chemistry*, 23(11), 2551-2562, 2004. [PAH; PCB]
- (2825) LOPES, J.F.; DIAS, J.M.; CARDOSO, A.C.; SILVA, C.I.V. The water quality of the Ria de Aveiro lagoon, Portugal: from the observations to the implementation of a numerical model. *Marine Environmental Research*, 60(5), 594-628, 2005. [BOD; DO; nutrients]
- (2826) LOSCHAU, M.; KRATKE, R. Efficacy and toxicity of self-polishing biocide-free antifouling paints. *Environmental Pollution*, 138(2), 260-267, 2005. [Toxicity partially attributed to leached Zn]
- (2827) LOSSO, C.; NOVELLI, A.A.; PICONE, M.; GHIRARDINI, A.V.; GHETTI, P.F.; RUDELLO, D.; UGO, P. Sulfide as a confounding factor in toxicity tests with the sea urchin *Paracentrotus lividus*: comparisons with chemical analysis data. *Environmental Toxicology and Chemistry*, 23(2), 396-401, 2004.
- (2828) MACLATCHY, D.L.; COURTENAY, S.C.; RICE, C.D.; VAN DER KRAAK, G.J. Development of a short-term reproductive endocrine bioassay using steroid hormone and vitellogenin end points in the estuarine mummichog (*Fundulus heteroclitus*). *Environmental Toxicology and Chemistry*, 22(5), 996-1008, 2003. [Ethinylestradiol; EE2; ZM 189, 154; ZM]
- (2829) MAGEED, A.A.A. Effect of some environmental factors on the biodiversity of holozooplankton community in Lake Qarun, Egypt. *Egyptian Journal of Aquatic Research*, 31(1), 230-250, 2005.
- (2830) MARCIAL, H.S.; HGIWARA, A.; SNELL, T.W. Estrogenic compounds affect development of harpacticoid copepod *Tigriopus japonicus*. *Environmental Toxicology and Chemistry*, 22(12), 3025-3030, 2003. [17 beta-estradiol; octylphenol; bisphenol A; 4-nonylphenol]
- (2831) MARTINS, M.; FERREIRA, A.M.; VALE, C. PCB composition in flood material and sediments from the Guadiana River estuary. *Ciencias Marinas*, 31(1B), 285-291, 2005.
- (2832) MCARDLE, M.E.; MCELROY, A.E.; ELSKUS, A.A. Enzymatic and estrogenic responses in fish exposed to organic pollutants in the New York-New Jersey (USA) harbor complex. *Environmental Toxicology and Chemistry*, 23(4), 953-959, 2004.
- (2833) MCGEE, B.L.; FISHER, D.J.; WRIGHT, D.A.; YONKOS, L.T.; ZIEGLER, G.P.; TURLEY, S.D.; FARRAR, J.D.; MOORE, D.W.; BRIDGES, T.S. A field test and comparison of acute and chronic sediment toxicity tests with the estuarine amphipod *Leptocheirus plumulosus* in Chesapeake Bay, USA. *Environmental Toxicology and Chemistry*, 23(7), 1751-1761, 2004.

- (2834) MEZIN, L.C.; HALE, R.C. Effect of humic acids on toxicity of DDT and chlorpyrifos to freshwater and estuarine invertebrates. *Environmental Toxicology and Chemistry*, 23(3), 576-582, 2004.
- (2835) MICHELETTI, C.; CRITTO, A.; CARLON, C.; MARCOMINI, A. Ecological risk assessment of persistent toxic substances for the clam *Tapes philippinarum* in the Lagoon of Venice, Italy. *Environmental Toxicology and Chemistry*, 23(6), 1575-1582, 2004. [As; Cd; Cr; Cu; Hg; Ni; Pb; Zn; PCBs]
- (2836) MONACO, C.L.; METZL, N.; POISSON, A.; BRUNET, C.; SCHAUER, B. Anthropogenic CO<sub>2</sub> in the Southern Ocean: distribution and inventory at the Indian-Atlantic boundary (World Ocean Circulation Experiment line I6). *Journal of Geophysical Research*, 110(C6), CO6010, 2005.
- (2837) MUNOZ, J.; GALLEGRO, M.; VALCARCEL, M. Speciation of organometallic compounds in environmental samples by gas chromatography after flow preconcentration on fullerenes and nanotubes. *Analytical Chemistry*, 77(16), 5389-5395, 2005. [Hg; Pb; Sn; trimethyl lead; dimethyllead; triethyllead; diethyllead; methylmercury; ethylmercury; n-butyltin; di-n-butyltin; tri-n-butyltin]
- (2838) NAKAI, M.; YOKOTA, H.; URUSHITANI, H.; ASAI, D.; KATSU, Y.; ETO, C.; YAKABE, Y.; IGUCHI, T.; SHIMOHIGASHI, Y. Estrogen receptor binding assay for evaluation of endocrine-disrupting chemicals on marine fish. *Marine Biotechnology*, 6(Supplement 1), S137-S141, 2005. [4-nonylphenol; 4-t-octylphenol; alkylphenols]
- (2839) NEHRING, S. Rustungsaltslasten in den deutschen Küstengewässern - Handlungsempfehlungen zur erfolgreichen Umsetzung der Europäischen-Wasserrahmenrichtlinie. *Rostocker Meeresbiologische Beiträge*, 14, 109-123, 2005.
- (2840) O'HIGGINS, T.G.; WILSON, J.G. Impact of the river Liffey discharge on nutrient and chlorophyll concentrations in the Liffey estuary and Dublin Bay (Irish Sea). *Estuarine, Coastal and Shelf Science*, 64(2/3), 323-334, 2005. [Eutrophication; nutrient loading]
- (2841) OKBAH, M.A.E.-A. Nitrogen and phosphorus species of Lake Burullus water (Egypt). *Egyptian Journal of Aquatic Research*, 31(1), 186-199, 2005. [Nutrients]
- (2842) PASTUSZAK, M.; WITEK, Z.; NAGEL, K.; WIELGAT, M.; GRELOWSKI, A. Role of the Oder estuary (southern Baltic) in transformation of the riverine nutrient loads. *Journal of Marine Systems*, 57(1/2), 30-54, 2005.
- (2843) QUANDT, T.; KNAACK, B. Entnahme und Unterbringung organikhaltiger Sedimente aus Saaler Bodden und Ribnitzer See - Ein Szenario. *Rostocker Meeresbiologische Beiträge*, 14, 83-94, 2005. [Eutrophication]
- (2844) RIBA, I.; CASADO-MARTINEZ, C.; FORJA, J.M.; DEL VALLS, A. Sediment quality in the Atlantic coast of Spain. *Environmental Toxicology and Chemistry*, 23(2), 271-282, 2004. [Hg; Cd; Pb; Cu; Zn; As; Ni; Cr; PCBs; PAHs]
- (2845) RINGUET, S.; MACKENZIE, F.T. Controls on nutrient and phytoplankton dynamics during normal flow and storm runoff conditions, southern Kaneohe Bay, Hawaii. *Estuaries*, 28(3), 327-337, 2005.
- (2846) ROSS, P.S.; JEFFRIES, S.J.; YUNKER, M.B.; ADDISON, R.F.; IKONOMOU, M.G.; CALAMBOKIDIS, J.C. Harbor seals (*Phoca vitulina*) in British Columbia, Canada, and Washington State, USA, reveal a combination of local and global polychlorinated biphenyl, dioxin, and furan signals. *Environmental Toxicology and Chemistry*, 23(1), 157-165, 2004. [PCBs; PCDD; PCDF]
- (2847) SAID, T.O.; HAMED, M.A.F. Distribution of chlorinated pesticides in surface water and fish of El Tamsah and bitter lakes, Suez Canal. *Egyptian Journal of Aquatic Research*, 31(1), 200-213, 2005. [Aldrin; DDTs; dieldrin; HCHs; heptachlor]

- (2848) SASTRE, M.P.; COLLADO, E.; COLLAZO, G.; LEBRON, S.; MENA, L.; MORALES, S.; MULLER, R.; PEREZ, L.; RIVERA, P.; VELEZ, Y. DNA damage in the Caribbean mussel *Brachiodontes exustus*: a comet assay evaluation. *Bulletin of Marine Science*, 77(1), 73-81, 2005. [Cu; hydrogen peroxide]
- (2849) SCHORIES, D.; SELIG, U.; JEGZENTIS, K.; SCHUBERT, H. Klassifizierung der ausseren Küstengewässer an der deutschen Ostseeküste nach der Europäischen-Wasserrahmenrichtlinie anhand von Makrophyten - Eine Zwischenbilanz. *Rostocker Meeresbiologische Beiträge*, 14, 135-150, 2005.
- (2850) SELIG, U. Umsetzung der Europäischen-Wasserrahmenrichtlinie - Ansätze und Konzepte zur Erreichung des guten ökologischen Zustand für Küstengewässer. *Rostocker Meeresbiologische Beiträge*, 14, 125-134, 2005. [Eutrophication; nutrient load]
- (2851) SHAKWEER, L. Ecological and fisheries development of Lake Manzalah (Egypt). 1. Hydrography and chemistry of Lake Manzalah. *Egyptian Journal of Aquatic Research*, 31(1), 251-270, 2005. [Nutrients; dissolved solids; salinity; pH; temperature]
- (2852) SMITHWICK, M. Circumpolar study of perfluoroalkyl contaminants in polar bears (*Ursus maritimus*). *Environmental Science and Technology*, 39(15), 5517-5523, 2005. [PFOs; PCBs; perfluorooctane sulfonate; perfluorohexane sulfonate; heptadecafluorooctane sulfonamide; perfluoroalkyl carboxylates; PCB180; PCB153; PCB138; PCB99]
- (2853) STRAM, D.L.; KINCAID, C.R.; CAMPBELL, D.E. Water quality modeling in the Rio Chone estuary. *Journal of Coastal Research*, 21(4), 797-810, 2005. [BOD; dissolved inorganic nitrogen (DIN); shrimp ponds]
- (2854) TENORIO, M.M.B.; LE BORGNE, R.; RODIER, M.; NEVEUX, J. The impact of terrigenous inputs on the Bay of Ounne (New Caledonia) phytoplankton communities: a spectrofluorometric and microscopic approach. *Estuarine, Coastal and Shelf Science*, 64(2/3), 531-545, 2005.
- (2855) TUERK, K.J.S.; AELION, C.M. Microbial nitrogen removal in a developing suburban estuary along the South Carolina coast. *Estuaries*, 28(3), 364-372, 2005. [Land-applied wastewater; fertilizers; nitrate; nutrients]
- (2856) TYRRELL, L.; TWOMEY, M.; GLYNN, D.; MCHUGH, B.; JOYCE, E.; COSTELLO, J.; MCGOVERN, E. Trace metal and chlorinated hydrocarbon concentrations in various fish species landed at selected Irish ports, 2002. *Marine Environment and Health Series*, 18, 21p., 2004. [Killybegs; Rossaveal; Castletownbere; Dunmore East; Howth; Cd; Cr; Cu; Hg; Pb; Zn; PCB congeners; HCB; aldrin; chlordanes; HCH]  
Available at:  
<http://www.marine.ie/publicationsandlibrary/marine+institute+publications/marine+environment+and+health+services/index.htm>.
- (2857) UEDA, N.; PARTRIDGE, C.; BOLLAND, J.; HEMMING, J.; SHERMAN, T.; BOETTCHER, A. Effects of an environmental estrogen on male gulf pipefish, *Syngnathus scovelli* (Evermann and Kendall), a male brooding teleost. *Bulletin of Environmental Contamination and Toxicology*, 74(6), 1207-1212, 2005. [17 alpha-ethinylestradiol (EE2)]
- (2858) VEAUVEY, C.M.; MCDONALD, M.D.; VAN AUDEKERKE, J.; VANHOUTTE, G.; VAN CAMP, N.; VAN DER LINDEN, A.; WALSH, P.J. Ammonia affects brain nitrogen metabolism but not hydration status in the Gulf toadfish (*Opsanus beta*). *Aquatic Toxicology*, 74(1), 32-46, 2005.
- (2859) VERREAULT, J.; GABRIELSEN, G.W.; CHU, S.; MUIR, D.C.G.; ANDERSEN, M.; HAMAED, A.; LETCHER, R.J. Flame retardants and methoxylated and hydroxylated polybrominated diphenyl ethers in two Norwegian Arctic top predators: glaucous gulls and polar bears. *Environmental Science and Technology*, 39(16), 6021-6028, 2005. [HBCD; PBDEs; polybrominated biphenyls; polybrominated diphenyl ethers; methoxylated PBDEs; hydroxylated PBDEs]



- (2860) VOSS, M.; LISKOW, I.; PASTUSZAK, M.; RUSS, D.; SCHULTE, U.; DIPPNER, J.W. Riverine discharge into a coastal bay: a stable isotope study in the Gulf of Gdansk, Baltic Sea. *Journal of Marine Systems*, 57(1/2), 127-145, 2005. [Nutrients]
- (2861) VUORIO, K.; LAGUS, A.; LEHTIMAKI, J.M.; SUOMELA, J.; HELMINEN, H. Phytoplankton community responses to nutrient and iron enrichment under different nitrogen to phosphorus ratios in the northern Baltic Sea. *Journal of Experimental Marine Biology and Ecology*, 322(1), 39-52, 2005.
- (2862) WARD-PAIGE, C.A.; RISK, M.J.; SHERWOOD, O.A. Reconstruction of nitrogen sources on coral reefs: delta 15N and delta 13C in gorgonians from Florida Reef Tract. *Marine Ecology Progress Series*, 296, 155-163, 2005. [Sewage]
- (2863) WATTS, J.E.M.; FAGERVOLD, S.K.; MILLER, G.S.; MILLIKEN, C.E.; MAY, H.D.; SOWERS, K.R. Microbial reductive dechlorination of organochloride pollutants in the marine environment. *Marine Biotechnology*, 6(Supplement 1), S378-S383, 2005. [PCB]
- (2864) WIEGMAN, S.; BARRAGUET, CH.; SPIJKERMAN, E.; KRAAK, M.H.S.; ADMIRAAL, W. The role of ultraviolet-adaptation of a marine diatom in photoenhanced toxicity of acridine. *Environmental Toxicology and Chemistry*, 22(3), 591-598, 2003. [UV]
- (2865) WOLANSKI, E.; DE'ATH, G. Predicting the impact of present and future human land-use on the Great Barrier Reef. *Estuarine, Coastal and Shelf Science*, 64(2/3), 504-508, 2005. [Global warming; nutrients]
- (2866) WOODBURN, K.B.; HANSEN, S.C.; ROTH, G.A.; STRAUSS, K. The bioconcentration and metabolism of chlorpyrifos by the eastern oyster, *Crassostrea virginica*. *Environmental Toxicology and Chemistry*, 22(2), 276-284, 2003.
- (2867) YAKIMOV, M.M.; DENARO, R.; GENOVESE, M.; CAPPELLO, S.; D'AURIA, G.; CHERNIKOVA, T.N.; TIMMIS, K.N.; GOLYSHIN, P.N.; GILULIANO, L. Natural microbial diversity in superficial sediments of Milazzo Harbor (Sicily) and community successions during microcosm enrichment with various hydrocarbons. *Environmental Microbiology*, 7(9), 1426-1441, 2005. [Crude oil; tetradecane; PAHs; naphthalene; nutrients]
- (2868) ZHAO, L.; WEI, H.; XU, Y.; FENG, S. An adjoint data assimilation approach for estimating parameters in a three-dimensional ecosystem model. *Ecological Modelling*, 186(2), 234-249, 2005. [Phytoplankton; zooplankton; nitrate; ammonium; phosphate; detritus]
- (2869) ZINGDE, M.D. Inputs into the oceans from land/rivers and pollution. In: Gupta, H.K., (editor). *Oceanology*. p.92-117. India: Universities Press (India) Private Limited, 2005. [Arabian Sea; Bay of Bengal]

## Section 6: Biological Wastes

- (2870) ACEVEDO-MERINO, A.; GARRIDO-PEREZ, C.; NEBOT-SANZ, E.; SALES-MARQUEZ, D. Dilution and autodepuration processes in a coastal system affected by urban wastewater discharges: case study of the Iro River estuary (southwestern Spain). *Ciencias Marinas*, 31(1B), 221-230, 2005. [Nutrients; coliforms; faecal streptococci]
- (2871) AHN, J.H.; GRANT, S.B.; SURBECK, C.Q.; DIGIACOMO, P.M.; NEZLIN, N.P.; JIANG, S. Coastal water quality impact of stormwater runoff from an urban watershed in southern California. *Environmental Science and Technology*, 39(16), 5940-5953, 2005. [Fecal indicator bacteria; viruses]
- (2872) BOEHM, A.B.; WEISBERG, S.B. Tidal forcing of enterococci at marine recreational beaches at fortnightly and semidiurnal frequencies. *Environmental Science and Technology*, 39(15), 5575-5583, 2005.
- (2873) CARRUTHERS, T.J.B.; VAN TUSSENBROEK, B.I.; DENNISON, W.C. Influence of submarine springs and wastewater on nutrient dynamics of Caribbean seagrass meadows. *Estuarine, Coastal and Shelf Science*, 64(2/3), 191-199, 2005. [Nutrients; sewage; eutrophication]
- (2874) EL-SHENAWY, M.A.; FARAG, A.M. Spatial and temporal variability of saprophytic and water quality bacteria along the coast of Aqaba, Suez Gulfs and Red Sea-Egypt. *Egyptian Journal of Aquatic Research*, 31(1), 157-170, 2005. [Coliforms; fecal streptococci]
- (2875) ELMANAMA, A.A.; FAHD, M.I.; AFIFI, S.; ABDALLAH, S.; BAHR, S. Microbiological beach sand quality in Gaza Strip in comparison to seawater quality. *Environmental Research*, 99(1), 1-10, 2005.
- (2876) FOURQUIREAN, J.W.; ESCORCIA, S.P.; ANDERSON, W.T.; ZIEMAN, J.C. Spatial and seasonal variability in elemental content, delta 13C, and delta 15N of *Thalassia testudinum* from South Florida and its implications for ecosystem studies. *Estuaries*, 28(3), 447-461, 2005. [Human sewage pollution]
- (2877) HECHT, S.A.; GUNNARSSON, J.S.; BOESE, B.L.; LAMBERSON, J.O.; SCHAFFNER, C.; GIGER, W.; JEPSON, P.C. Influences of sedimentary organic matter quality on the bioaccumulation of 4-nonylphenol by estuarine amphipods. *Environmental Toxicology and Chemistry*, 23(4), 865-873, 2004.
- (2878) HISCOCK, K.; LANGMEAD, O.; WARWICK, R. Identification of seabed indicator species from time-series and other studies to support implementation of the EU habitats and Water Framework Directives. 109p. Plymouth: Marine Biological Association, 2004. [Review]
- (2879) HISCOCK, K.; LANGMEAD, O.; WARWICK, R.; SMITH, A. Identification of seabed indicator species to support implementation of the EU habitats and Water Framework Directives. Second Edition. 77p. Plymouth: Marine Biological Association, 2005.
- (2880) KIRBY, M.P., (ET AL). Surveys of plasma vitellogenin and intersex in male flounder (*Platichthys flesus*) as measures of endocrine disruption by estrogenic contamination in United Kingdom estuaries: temporal trends, 1996 to 2001. *Environmental Toxicology and Chemistry*, 23(3), 748-758, 2004. [Tyne; Wear; Tees; Mersey; Clyde; Forth]
- (2881) LAMPADARIOU, N.; KARAKASSIS, I.; TERASCHKE, S.; ARLT, G. Changes in benthic meiofaunal assemblages in the vicinity of fish farms in the eastern Mediterranean. *Vie et Milieu*, 55(2), 61-69, 2005. [Organic enrichment]
- (2882) MOHAMED, A.W. Geochemistry and sedimentology of core sediments and the influence of human activities; Qusier, Safaga and Hurghada harbors, Red Sea Coast, Egypt. *Egyptian Journal of Aquatic Research*, 31(1), 92-104, 2005. [Cd; Co; Cu; Ni; Ph; V; Zn]

(2883) RICHARDS, G.P.; WATSON, M.A.; PARVEEN, S. Development of a simple and rapid fluorogenic procedure for identification of Vibrionaceae family members. *Applied and Environmental Microbiology*, 71(7), 3524-3527, 2005. [From seawater; shellfish; sewage; clinical samples]

(2884) STRAM, D.L.; KINCAID, C.R.; CAMPBELL, D.E. Water quality modeling in the Rio Chone estuary. *Journal of Coastal Research*, 21(4), 797-810, 2005. [BOD; dissolved inorganic nitrogen (DIN); shrimp ponds]

(2885) THOMPSON, B.; LOWE, S. Assessment of macrobenthos response to sediment contamination in the San Francisco Estuary, California, USA. *Environmental Toxicology and Chemistry*, 23(9), 2178-2187, 2004.

(2886) WARD-PAIGE, C.A.; RISK, M.J.; SHERWOOD, O.A. Reconstruction of nitrogen sources on coral reefs: delta 15N and delta 13C in gorgonians from Florida Reef Tract. *Marine Ecology Progress Series*, 296, 155-163, 2005. [Sewage]

(2887) ZINGDE, M.D. Inputs into the oceans from land/rivers and pollution. In: Gupta, H.K., (editor). *Oceanology*. p.92-117. India: Universities Press (India) Private Limited, 2005. [Arabian Sea; Bay of Bengal]

## Section 7: Heat

- (2888) HILL, R.; FRANKART, C.; RALPH, P.J. Impact of bleaching conditions on the components of non-photochemical quenching in the zooxanthellae of a coral. *Journal of Experimental Marine Biology and Ecology*, 322(1), 83-92, 2005.
- (2889) HISCOCK, K.; LANGMEAD, O.; WARWICK, R. Identification of seabed indicator species from time-series and other studies to support implementation of the EU habitats and Water Framework Directives. 109p. Plymouth: Marine Biological Association, 2004. [Review]
- (2890) HISCOCK, K.; LANGMEAD, O.; WARWICK, R.; SMITH, A. Identification of seabed indicator species to support implementation of the EU habitats and Water Framework Directives. Second Edition. 77p. Plymouth: Marine Biological Association, 2005.
- (2891) MALAGOLI, D.; OTTAVIANI, E. Cytotoxicity as a marker of mussel health status. *Journal of the Marine Biological Association of the United Kingdom*, 85(2), 359-362, 2005. [Environmental stress; temperature; pH; salinity]
- (2892) MCWILLIAMS, J.P.; COTE, I.M.; GILL, J.A.; SUTHERLAND, W.J.; WATKINSON, A.R. Accelerating impacts of temperature-induced coral bleaching in the Caribbean. *Ecology*, 86(8), 2055-2060, 2005.
- (2893) MOHAMMED, T.A.E.-A.A.; MOHAMED, A.E.-W. Some ecological factors affecting coral reef assemblages off Hurgada, Red Sea, Egypt. *Egyptian Journal of Aquatic Research*, 31(1), 133-145, 2005. [Sedimentation; solar radiation; sea level; temperature]
- (2894) PEREIRA, D.; FRAZAO, O.; FERREIRA, J.; DIAS, I.; DIAS, J.M.; TEIXEIRA, M.; VAZ, N.; QUINTELA, A.; LOPES, J.F.; SANTOS, J.L. Advanced optical technologies for monitoring estuaries and coastal environments. *Ciencias Marinas*, 31(1B), 275-284, 2005. [Temperature; salinity]
- (2895) SHEPPARD, C.; DIXON, D.J.; GOURLAY, M.; SHEPPARD, A.; PAYET, R. Coral mortality increases wave energy reaching shores protected by reef flats: examples from the Seychelles. *Estuarine, Coastal and Shelf Science*, 64(2/3), 223-234, 2005. [Mortality due to seawater warming]

## Section 8: Solids

- (2896) ERIKSSON, S.P.; WENNHAGE, H.; NORKKO, J.; NORKKO, A. Episodic disturbance events modify predator - prey interactions in soft sediments. *Estuarine, Coastal and Shelf Science*, 64(2/3), 289-294, 2005. [Sediment resuspension]
- (2897) HARSTEIN, N.D.; STEVENS, C.L. Deposition beneath long-line mussel farms. *Aquacultural Engineering*, 33(3), 192-213, 2005.
- (2898) HISCOCK, K.; LANGMEAD, O.; WARWICK, R. Identification of seabed indicator species from time-series and other studies to support implementation of the EU habitats and Water Framework Directives. 109p. Plymouth: Marine Biological Association, 2004. [Review]
- (2899) HISCOCK, K.; LANGMEAD, O.; WARWICK, R.; SMITH, A. Identification of seabed indicator species to support implementation of the EU habitats and Water Framework Directives. Second Edition. 77p. Plymouth: Marine Biological Association, 2005.
- (2900) KLEEBERG, A. Effektivitat gebaggerter Sedimentationsfallen zur Elimination von Phosphor und suspendiertem Material in Flussmundungsgebieten. *Rostocker Meeresbiologische Beitrage*, 14, 43-53, 2005. [Eutrophication; SPM; Fe]
- (2901) MOHAMMED, T.A.E.-A.A.; MOHAMED, A.E.-W. Some ecological factors affecting coral reef assemblages off Hurghada, Red Sea, Egypt. *Egyptian Journal of Aquatic Research*, 31(1), 133-145, 2005. [Sedimentation; solar radiation; sea level; temperature]
- (2902) NIGRAM, R.; PANCHANG, R.; BANERJEE, P. Foraminifera in surface sediments of Mandovi River Estuary: indicators for mining pollution and high sea stand in Goa, India. *Journal of Coastal Research*, 21(4), 853-859, 2005. [Suspended load]
- (2903) PIAZZI, L.; BALATA, D.; CECCHERELLI, G.; CINELLI, F. Interactive effect of sedimentation and *Caulerpa racemosa* var. *cylindracea* invasion on macroalgal assemblages in the Mediterranean Sea. *Estuarine, Coastal and Shelf Science*, 64(2/3), 467-474, 2005.
- (2904) SHAKWEER, L. Ecological and fisheries development of Lake Manzalah (Egypt). 1. Hydrography and chemistry of Lake Manzalah. *Egyptian Journal of Aquatic Research*, 31(1), 251-270, 2005. [Nutrients; dissolved solids; salinity; pH; temperature]

## Section 9: Physical Disturbance

- (2905) ALSAYES, A. Environmental and fishery investigation on Lake Borollus. 5-fishing gears and methods used at Lake Borollus - their effects on fish populations at the lake. *Egyptian Journal of Aquatic Research*, 31(1), 410-447, 2005.
- (2906) ARNTZ, W.E.; BREY, T., (EDITORS). The expedition ANTARKTIS XX1/2 (BENDEX) of RV "Polarstern" in 2003/2004. *Berichte zur Polar und Meeresforschung*, 503, 149p., 2005.
- (2907) CHRISTIE, P. Observed and perceived environmental impacts of marine protected areas in two Southeast Asia sites. *Ocean and Coastal Management*, 48, 252-270, 2005.
- (2908) CLARKE, J.T.; NORMAN, S.A. Results and evaluation of US Navy shock trial environmental mitigation of marine mammals and sea turtles. *Journal of Cetacean Research and Management*, 7(1), 43-50, 2005.
- (2909) DIETL, G.P.; ALEXANDER, R.R. High frequency and severity of breakage-induced shell repair in western Atlantic Pinnidae (Bivalvia). *Journal of Molluscan Studies*, 71(3), 307-311, 2005.
- (2910) DOMINGUES, R.B.; BARBOSA, A.; GALVAO, H. Nutrients, light and phytoplankton succession in a temperate estuary (the Guadiana, south-western Iberia). *Estuarine, Coastal and Shelf Science*, 64(2/3), 249-260, 2005. [Dam construction; changed freshwater flow]
- (2911) DONOVAN, G.P., (EDITOR). Report of the IWC Scientific Committee Annual Meeting, 29 June - 10 July 2004, Sorrento, Italy; Report of the Fifth Workshop on the Development of an Aboriginal Subsistence Whaling Management Procedure (AWMP); Report of an Intersessional Meeting to Review the Southern Ocean Sanctuary. *Journal of Cetacean Research and Management*, 7(Supplement), 411p., 2005. [Including impact of noise; UV; pollution; habitat degradation]
- (2912) ERIKSSON, S.P.; WENNHAGE, H.; NORKKO, J.; NORKKO, A. Episodic disturbance events modify predator - prey interactions in soft sediments. *Estuarine, Coastal and Shelf Science*, 64(2/3), 289-294, 2005. [Sediment resuspension]
- (2913) GILKINSON, K.D.; GORDON, D.C., JR; MACISAAC, K.G.; MCKEOWN, D.L.; KENCHINGTON E.L.R.; BOURBONNAIS, C.; VASS, W.P. Immediate impacts and recovery trajectories of macrofaunal communities following hydraulic clam dredging on Banquereau, eastern Canada. *ICES Journal of Marine Science*, 62(5), 925-947, 2005.
- (2914) GILL, A.B. Offshore renewable energy: ecological implications of generating electricity in the coastal zone. *Journal of Applied Ecology*, 42(4), 605-615, 2005. [Review; noise; electromagnetic fields; collision and avoidance; indirect ecological effects]
- (2915) HISCOCK, K.; LANGMEAD, O.; WARWICK, R. Identification of seabed indicator species from time-series and other studies to support implementation of the EU habitats and Water Framework Directives. 109p. Plymouth: Marine Biological Association, 2004. [Review]
- (2916) HISCOCK, K.; LANGMEAD, O.; WARWICK, R.; SMITH, A. Identification of seabed indicator species to support implementation of the EU habitats and Water Framework Directives. Second Edition. 77p. Plymouth: Marine Biological Association, 2005.
- (2917) KAREZ, R.; SCHORIES, D. Die Steinfischerei und ihre Bedeutung für die Wiederansiedlung von *Fucus vesiculosus* in der Tiefe. *Rostocker Meeresbiologische Beiträge*, 14, 95-107, 2005. [Eutrophication]
- (2918) LOMOVASKY, B.J.; GUTIERREZ, J.L.; IRIBARNE, O.O. Identifying repaired shell damage and abnormal calcification in the stout razor clam *Tagelus plebeius* as a tool to investigate its ecological interactions. *Journal of Sea Research*, 54(2), 163-175, 2005.
- (2919) PAGLIOSA, P.R.; DA CUNHA LANA, P. Impact of plant cover removal on macrobenthic community structure of a subtropical salt marsh. *Bulletin of Marine Science*, 77(1), 1-17, 2005.

- (2920) PINN, E.H.; RODGERS, M. The influence of visitors on intertidal biodiversity. *Journal of the Marine Biological Association of the United Kingdom*, 85(2), 263-268, 2005. [Purbeck Marine Wildlife Reserve; Kimmeridge Bay; Washing Ledge; Yellow Ledge]
- (2921) REVILL, A.S.; JENNINGS, S. The capacity of benthos release panels to reduce the impacts of beam trawls on benthic communities. *Fisheries Research*, 75(1-3), 73-85, 2005. [Western English Channel; North Sea]
- (2922) SCHORIES, D.; SELIG, U.; JEGZENTIS, K.; SCHUBERT, H. Klassifizierung der ausseren Kustengewasser an der deutschen Ostseeküste nach der Europäischen-Wasserrahmenrichtlinie anhand von Makrophyten - Eine Zwischenbilanz. *Rostocker Meeresbiologische Beiträge*, 14, 135-150, 2005.
- (2923) SEURONT, L.J.J.; PRINZIVALLI, P. Vulnerability of harbour seals, *Phoca vitulina*, to transient industrial activities in the Strait of Dover. *Journal of the Marine Biological Association of the United Kingdom*, 85(4), 1015-1016, 2005. [Off Calais]
- (2924) UNITED STATES. NATIONAL RESEARCH COUNCIL OF THE NATIONAL ACADEMIES. Marine mammal populations and ocean noise. Determining when noise causes biologically significant effects. xvi, 126p. Washington, DC: National Academies Press, 2005.

## Section 10: Non-indigenous Species

- (2925) BIRCH, K. Marine life in the intertidal around Wales - an overview of CCW's Phase 1 intertidal survey. Newsletter of the Porcupine Marine Natural History Society, 17, 34-36, 2005.
- (2926) CAMERON, B.; METAXAS, A. Invasive green crab, *Carcinus maenas*, on the Atlantic coast and in the Bras d'Or Lakes of Nova Scotia, Canada: larval supply and recruitment. Journal of the Marine Biological Association of the United Kingdom, 85(4), 847-855, 2005.
- (2927) CINAR, M.E.; ERGEN, Z. Lessepsian migrants expanding their distributional ranges; *Pseudonereis anomala* (Polychaeta: Nereididae) in Izmir Bay (Aegean Sea). Journal of the Marine Biological Association of the United Kingdom, 85(2), 313-321, 2005.
- (2928) CINAR, M.E.; ERGEN, Z.; DAGLI, E.; PETERSEN, M.E. Alien species of spionid polychaetes (*Streblospio gynobranchiata* and *Polydora cornuta*) in Izmir Bay, eastern Mediterranean. Journal of the Marine Biological Association of the United Kingdom, 85(4), 821-827, 2005.
- (2929) DAVIS, M.H.; DAVIS, M.E. *Styela clava* (Tunicata: Ascidiacea) - a new addition to the fauna of the Portuguese coast. Journal of the Marine Biological Association of the United Kingdom, 85(2), 403-404, 2005. [Compared with specimens from Portsmouth Harbour]
- (2930) DE BLAUWE, H.; FAASSE, M. *Smittoidea prolifica* Osburn, 1952 (Bryozoa, Cheilostomatida), a Pacific bryozoan introduced to The Netherlands (Northeast Atlantic). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, 74, 33-39, 2005.
- (2931) DULCIC, J. On the record of the African threadfish *Alectis alexandrius* (Pisces: Carangidae) from the Adriatic Sea. Journal of the Marine Biological Association of the United Kingdom, 85(4), 1013-1014, 2005.
- (2932) FALCAO, C.; MENEZES DE SZECHY, M.T. Changes in shallow phytobenthic assemblages in southeastern Brazil, following the replacement of *Sargassum vulgare* (Phaeophyta) by *Caulerpa scalpelliformis* (Chlorophyta). Botanica Marina, 48(3), 208-217, 2005.
- (2933) GALIL, B.S. *Dorippe quadridens* (Decapoda, Dorippidae) - first record of an alien dorippid in the Mediterranean Sea. Crustaceana, 78(4), 497-498, 2005.
- (2934) LAMBERT, G. First North American record of the ascidian *Perophora japonica*. Journal of the Marine Biological Association of the United Kingdom, 85(4), 1011-1012, 2005.
- (2935) NEILSON, M.E.; WILSON, R.R., JR. mtDNA singletons as evidence of a post-invasion genetic bottleneck in yellowfin goby *Acanthogobius flavimanus* from San Francisco Bay, California. Marine Ecology Progress Series, 296, 197-208, 2005.
- (2936) NEVALA, A.E. Little squirts, big trouble. Oceanus, 44(1), 28-29, 2005. [Invasive sea squirts]
- (2937) OZTURK, B.; POUTIERS, J.-M. *Fulvia fragilis* (Bivalvia: Cardiidae): a lessepsian mollusc species from Izmir Bay (Aegean Sea). Journal of the Marine Biological Association of the United Kingdom, 85(2), 351-356, 2005.
- (2938) PIAZZI, L.; BALATA, D.; CECCHERELLI, G.; CINELLI, F. Interactive effect of sedimentation and *Caulerpa racemosa* var. *cylindracea* invasion on macroalgal assemblages in the Mediterranean Sea. Estuarine, Coastal and Shelf Science, 64(2/3), 467-474, 2005.
- (2939) ROBINSON, T.B.; GRIFFITHS, C.L.; MCQUAID, C.D.; RIUS, M. Marine alien species of South Africa - status and impacts. African Journal of Marine Science, 27(1), 297-306, 2005.
- (2940) TITTLE, A.; NETO, A.I. The marine algal (seaweed) flora of the Azores: additions and amendments. Botanica Marina, 48(3), 248-255, 2005.



**(2941) WAWRZYNIAK-WYDROWSKA, B.; GRUSZKA, P. Population dynamics of alien gammarid species in the River Odra estuary. *Hydrobiologia*, 539, 13-25, 2005.**

**(2942) ZINGDE, M.D. Inputs into the oceans from land/rivers and pollution. In: Gupta, H.K., (editor). *Oceanology*. p.92-117. India: Universities Press (India) Private Limited, 2005. [Arabian Sea; Bay of Bengal]**