

ISSN 1742-7614 (online)

Marine Pollution Research Titles

Vol. 32 No. 11 November 2005

Marine Pollution Research Titles

CONTENTS

General	1
Petroleum Hydrocarbons	5
Metals	7
Radioactivity	11
Other Chemicals	12
Biological Wastes	20
Heat	23
Solids	24
Physical Disturbance	25
Non-indigenous Species	27

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
Web <http://www.mba.ac.uk/nmb1/>

Section 1: General

- (3216) ABOUSAMRA, F.; BARIC, A.; CIVILI, F.S. Transboundary Diagnostic Analysis(TDA) for the Mediterranean Sea. xvi,195p. Athens: UNEP/MAP/MED POL, 2005.
- (3217) ARONSON, R.B.; MACINTYRE, I.G.; LEWIS, S.A.; HILBUN, N.L. Emergent zonation and geographic convergence of coral reefs. *Ecology*, 86(10), 2586-2600, 2005.
- (3218) ARVANITIDIS, C.; CHATZIGEORGIOU, G.; KOUTSOUBAS, D.; KEVREKIDIS, T.; DOUNAS, C.; ELEFThERIOU, A.; KOULOURI, P.; MOGIAS, A. Estimating lagoonal biodiversity in Greece: comparison of rapid assessment techniques. *Helgoland Marine Research*, 59(3), 177-186, 2005. [Discrimination between anthropogenically and naturally disturbed lagoons]
- (3219) BARBA, E.; RAZ-GUZMAN, A.; SANCHEZ, A.J. Distribution patterns of estuarine caridean shrimps in the southwestern Gulf of Mexico. *Crustaceana*, 78(6), 709-726, 2005.
- (3220) BOWMAN, J.P.; MCCAMMON, S.A.; DANN, A.L. Biogeographic and quantitative analyses of abundant uncultivated gamma-proteobacterial clades from marine sediment. *Microbial Ecology*, 49(3), 451-460, 2005.
- (3221) BRUEN, M., (EDITOR). Diffuse pollution and basin management. Selected proceedings of the 7th IWA International Specialised Conference on Diffuse Pollution and Basin Management, held in Dublin, Ireland, 17-21 August 2003. *Water Science and Technology*, 51(3/4), 1-403, 2005.
- (3222) CANADA. DEPARTMENT OF FISHERIES AND OCEANS. Administration and enforcement of the fish habitat protection and pollution prevention provisions of the Fisheries Act: annual report April 1, 2003 to March 31, 2004. 159p. Ottawa: Department of Fisheries and Oceans Canada, 2005.
- (3223) CHAPMAN, P.M.; RIDDLE, M.J. Polar marine toxicology - future research needs. *Marine Pollution Bulletin*, 50(9), 905-908, 2005.
- (3224) CHATFIELD, R.B.; GUAN, H.; THOMPSON, A.M.; WITTE, J.C. Convective lofting links Indian Ocean air pollution to paradoxical South Atlantic ozone maxima. *Geophysical Research Letters*, 31(6), [np.], 2004.
- (3225) CHRISTIAN, R.R. Beyond the Mediterranean to global observations of coastal lagoons. *Hydrobiologia*, 550, 1-8, 2005.
- (3226) CRAIG, J.K.; CROWDER, L.B.; HENWOOD, T.A. Spatial distribution of brown shrimp (*Farfantepenaeus aztecus*) on the northwestern Gulf of Mexico shelf: effects of abundance and hypoxia. *Canadian Journal of Fisheries and Aquatic Sciences*, 62(6), 1295-1308, 2005.
- (3227) DAAN, R.; MULDER, M. The macrobenthic fauna in the Dutch sector of the North Sea in 2004 and a comparison with previous data. NIOZ Rapport, 2005-3, 95p., 2005. [Dogger Bank; Oyster Ground]
- (3228) DE L. DA N.CUNHA, C.; ROSMAN, P.C.C. A semi-implicit finite element model for natural water bodies. *Water Research*, 39(10), 2034-2047, 2005.
- (3229) DERYCKE, S.; REMERIE, T.; VIERSTRAETE, A.; BACKELJAU, T.; VANFLETEREN, J.; VINCX, M.; MOENS, T. Mitochondrial DNA variation and cryptic speciation within the free-living marine nematode *Pellioditis marina*. *Marine Ecology Progress Series*, 300, 91-103, 2005. [Plym estuary; Nieuwpoort; Blankenberge; Westerschelde; Lake Grevelingen; Scheldt]
- (3230) DI CARLO, G.; BADALAMENTI, F.; JENSEN, A.C.; KOCH, E.W.; RIGGIO, S. Colonisation process of vegetative fragments of *Posidonia oceanica* (L.) Delile on rubble mounds. *Marine Biology*, 147(6), 1261-1270, 2005. [Restoration]

- (3231) DRUMMOND, S.P.; CONNELL, S.D. Quantifying percentage cover of subtidal organisms on rocky coasts: a comparison of the costs and benefits of standard methods. *Marine and Freshwater Research*, 56(6), 865-876, 2005.
- (3232) DZWONKOWSKI, B.; YAN, X.-H. Tracking of a Chesapeake Bay estuarine outflow plume with satellite-based ocean color data. *Continental Shelf Research*, 25(16), 1942-1958, 2005.
- (3233) EKLUND, B. Development of a growth inhibition test with the marine and brackish water red alga *Ceramium tenuicorne*. *Marine Pollution Bulletin*, 50(9), 921-930, 2005. [Cu; Zn]
- (3234) ENGLISH NATURE. Exe Estuary. European marine site. English Nature's advice given under Regulation 33(2) of the Conservation (Natural Habitats &c.) Regulations 1994. 51p. English Nature, 2001.
- (3235) EZHOVA, E.; ZMUDZINSKI, L.; MACIEJEWSKA, K. Long-term trends in the macrozoobenthos of the Vistula Lagoon, southeastern Baltic Sea. Species composition and biomass distribution. *Bulletin of the Sea Fisheries Institute*, 1(164), 55-73, 2005. [Eutrophication; *Marenzelleria cf. viridis*]
- (3236) GEORGIADES, E.T.; TEMARA, A.; HOLDWAY, D.A. Influence of the reproductive cycle on cytochrome P450 levels in the sea star *Coscinasterias muricata*. *Marine Pollution Bulletin*, 50(9), 1007-1014, 2005.
- (3237) GIANNOULAKI, M.; MACHIAS, A.; SOMARAKIS, S.; KARAKASSIS. Wild fish spatial structure in response to presence of fish farms. *Journal of the Marine Biological Association of the United Kingdom*, 85(5), 1271-1277, 2005.
- (3238) GLASSOM, D.; CHADWICK-FURMAN, N.E.; ZAKAI, D. Methods and interpretation of coral recruitment studies: effects of anthropogenic disturbance? *Marine Pollution Bulletin*, 50(9), 1019-1023, 2005.
- (3239) GREIG, D.J.; GULLAND, F.M.D.; KREUDER, C. A decade of live California sea lion (*Zalophus californianus*) strandings along the Central California Coast: causes and trends, 1991-2000. *Aquatic Mammals*, 31(1), 11-22, 2005.
- (3240) GUIRGUINOV, T.; ARSOV, R.; MIHAILOV, G., (EDITORS). Environmental protection technologies for coastal areas IV. Selected Proceedings of the 4th International Black Sea conference on Environmental Protection Technologies for Coastal Areas, held in Varna, Bulgaria, 9-11 June 2004. *Water Science and Technology*, 51(11), 1-254, 2005.
- (3241) HALL, G.J.; CLOW, K.E.; KENNY, J.E. Estuarial fingerprinting through multidimensional fluorescence and multivariate analysis. *Environmental Science and Technology*, 39(19), 7560-7567, 2005. [Prevention of introduction of aquatic nuisance species (ANS); ballast water exchange regulations]
- (3242) HERBERT, N.A.; STEFFENSEN, J.F. The response of Atlantic cod, *Gadus morhua*, to progressive hypoxia: fish swimming speed and physiological stress. *Marine Biology*, 147(6), 1403-1412, 2005.
- (3243) HIGANO, J. Influence of environmental factors as oxygen deficiency, hydrogen sulfide and suspended mud on the survival and growth of Manila clam. [In Japanese with English summary]. *Bulletin of Fisheries Research Agency, Supplement 3*, 27-33, 2005.
- (3244) LARSON, M.; BELLANCA, R.; JONSSON, L.; CHEN, C.; SHI, P. A model of the 3D circulation, salinity distribution, and transport pattern in the Pearl River Estuary, China. *Journal of Coastal Research*, 21(5), 896-908, 2005.
- (3245) LIVINGSTON, R.J. Restoration of aquatic systems. 423p. Boca Raton: Taylor and Francis, 2006.

- (3246) LU, X.; MATSUMOTO, E. Recent sedimentation rates derived from ²¹⁰Pb and ¹³⁷Cs methods in Ise Bay, Japan. *Estuarine, Coastal and Shelf Science*, 65(1/2), 83-93, 2005.
- (3247) LUAN, B.T.; DEBENAY, J.-P. Foraminifera, environmental bioindicators in the highly impacted environments of the Mekong Delta. *Hydrobiologia*, 548, 75-83, 2005.
- (3248) MAGNI, P.; MICHELETTI, S.; CASU, D.; FLORIS, A.; GIORDANI, G.; PETROV, A.N.; DE FALCO, G.; CASTELLI, A. Relationships between chemical characteristics of sediments and macrofaunal communities in the Cabras lagoon (western Mediterranean, Italy). *Hydrobiologia*, 550, 105-119, 2005.
- (3249) MARIGOMEZ, I.; LEKUBE, X.; CAJARAVILLE, M.P.; DOMOUHTSIDOU, G.; DIMITRIADIS, V. Comparison of cytochemical procedures to estimate lysosomal biomarkers in mussel digestive cells. *Aquatic Toxicology*, 75(1), 86-95, 2005. [Lysosomal membrane stability]
- (3250) MATOS, J.S., (EDITOR). Sewer processes and networks IV. Selected Proceedings of the 4th International Conference on Sewer Processes and Networks, held in Funchal, Madeira, Portugal, 22-24 November 2004. *Water Science and Technology*, 51(3), 1-240, 2005.
- (3251) MIHAILOV, G.; SIMEONOV, V.; NIKOLOV, N.; MIRINCHEV, G. Multivariate statistical assessment of the pollution sources along the stream of Kamchia River, Bulgaria. *Water Science and Technology*, 51(11), 37-43, 2005.
- (3252) MOUILLOT, D.; LAUNE, J.; TOMASINI, J.-A.; ALIAUME, C.; BREHMER, P.; DUTRIEUX, E.; CHI, T.D. Assessment of coastal lagoon quality with taxonomic diversity indices of fish, zoobenthos and macrophyte communities. *Hydrobiologia*, 550, 121-130, 2005. [Eutrophication; nutrients]
- (3253) MUNARI, C.; ROSSI, R.; MISTRI, M. Temporal trends in macrobenthos community structure and redundancy in a shallow coastal lagoon (Valli di Comacchio, Northern Adriatic Sea). *Hydrobiologia*, 550, 95-104, 2005. [Sampling sites along a stress gradient]
- (3254) MUNIZ, P.; PIRES-VANIN, A.M.S. More about taxonomic sufficiency: a case study using polychaete communities in a subtropical bay moderately affected by urban sewage. *Ocean Science Journal*, 40(3), 127-143, 2005. [Cr; Cu; Zn; hydrocarbons; sterols; nitrogen; sulphur; total organic matter; total organic carbon; sewage; runoff]
- (3255) NAGELKERKEN, I.; VERMONDEN, K.; MORAES, O.C.C.; DEBROT, A.O.; NAGELKERKEN, W.P. Changes in coral reef communities and an associated reef fish species, *Cephalopholis cruentata* (Lacepede), after 30 years on Curacao (Netherlands Antilles). *Hydrobiologia*, 549, 145-154, 2005. [Degradation; anthropogenic influence; storm damage]
- (3256) PAVLYUK, O.N.; TREBUKHOVA, J.A. Composition and distribution of meiobenthos in Amursky Bay (Peter the Great Bay, the East Sea). *Ocean Science Journal*, 40(3), 119-125, 2005. [Nematodes]
- (3257) POLYMENAKOU, P.N.; BERTILSSON, S.; TSELEPIDES, A.; STEPHANOU, E.G. Links between geographic location, environmental factors, and microbial community composition in sediments of the Eastern Mediterranean Sea. *Microbial Ecology*, 49(3), 367-378, 2005.
- (3258) PRATT, A.; LONHOLDT, J.; JORGENSEN, P.E.; PERSSON, B.; NIKOLOV, V.; IANEV, R.; DONTCHEV, V.; KLINT, M. Implementing the Water Framework Directive in Bulgaria: integrated river basin management on the Black Sea coast. *Water Science and Technology*, 51(11), 53-61, 2005.
- (3259) RASCH, P.S.; IPSEN, N.; MALMGREN-HANSEN, A.; MOGENSEN, B. Linking integrated water resources management and integrated coastal zone management. *Water Science and Technology*, 51(11), 221-229, 2005. [Includes case study of nutrients in Odense Fjord; modelling]
- (3260) ROSENBERG, R.; NILSSON, H.C. Deterioration of soft-bottom benthos along the Swedish Skagerrak coast. *Journal of Sea Research*, 54(3), 231-242, 2005. [Eutrophication; oxygen deficiency]

- (3261) SAUTER, E.J.; SCHLUTER, M.; WEGNER, J.; LABAHN, E. A routine device for high resolution bottom water sampling. *Journal of Sea Research*, 54(3), 204-210, 2005.
- (3262) SCHUMACHER, J.D.; KRUSE, G.H. Toward sustainable ecosystem services from the Aleutian Archipelago. *Fisheries Oceanography*, 14(Supplement 1), 277-291, 2005.
- (3263) SKOGEN, M.D.; MOLL, A. Importance of ocean circulation in ecological modeling: an example from the North Sea. *Journal of Marine Systems*, 57(3/4), 289-300, 2005. [NORWECOM; ECOHAM1]
- (3264) SLEEMAN, J.C.; KENDRICK, G.A.; BOGGS, G.S.; HEGGE, B.J. Measuring fragmentation of seagrass landscapes: which indices are most appropriate for detecting change? *Marine and Freshwater Research*, 56(6), 851-864, 2005.
- (3265) SOUTH HAMS DISTRICT COUNCIL. Salcombe - Kingsbridge Estuary. Environmental management plan. Background information 2005-2010. First 5 year review. 66p. Totnes: South Hams District Council, 2005. [Eutrophication; nutrient enrichment; oil; litter]
- (3266) STOCKHOLM INTERNATIONAL WATER INSTITUTE. Drainage basin management - regional approaches for food and urban security. Proceedings of the 14th Stockholm Water Symposium "Drainage Basin Management - Regional Approaches for Food and Urban Security" held in Stockholm, Sweden, 16-20 August 2004. *Water Science and Technology*, 51(8), 1-210, 2005.
- (3267) SUMAN, D.; GUERZONI, S.; MOLINAROLI, E. Integrated coastal management in the Venice lagoon and its watershed. *Hydrobiologia*, 550, 251-269, 2005.
- (3268) THIYAGARAJAN, V.; SOO, L.; QIAN, P.-Y. The role of sediment organic matter composition in larval habitat selection by the polychaete *Capitella* sp. I. *Journal of Experimental Marine Biology and Ecology*, 323(1), 70-83, 2005. [Pollutant load; domestic sewage; urban runoff]
- (3269) VIAROLI, P.; MISTRI, M.; TROUSSELLIER, M.; GUERZONI, S.; CARDOSO, A. C., (EDITORS). Structure, functions and ecosystem alterations in southern European coastal lagoons. Selected papers of the First International Conference on "Southern European Coastal Lagoons: the influence of river basin - coastal zone interactions" held at Castello Estense (Ferrara, Italy), 10-12 November 2003. *Hydrobiologia*, 550, 1-269, 2005.
- (3270) YUKSEK, A.; OKUS, E.; YILMAZ, N. Rehabilitation studies and recovery of a once lifeless estuary: the Golden Horn. *Water Science and Technology*, 51(11), 27-35, 2005. [Nutrients; faecal coliforms; biodiversity]
- (3271) ZHUKOVA, N.V. Variation in microbial biomass and community structure in sediments of Peter the Great Bay (Sea of Japan/East Sea), as estimated from fatty acid biomarkers. *Ocean Science Journal*, 40(3), 145-153, 2005. [Heavily polluted bays compared with unpolluted areas; PAHs]

Section 2: Petroleum hydrocarbons

- (3272) ABOUSAMRA, F.; BARIC, A.; CIVILI, F.S. Transboundary Diagnostic Analysis(TDA) for the Mediterranean Sea. xvi,195p. Athens: UNEP/MAP/MED POL, 2005.
- (3273) BOWMAN, J.P.; MCCAMMON, S.A.; DANN, A.L. Biogeographic and quantitative analyses of abundant uncultivated gamma-proteobacterial clades from marine sediment. *Microbial Ecology*, 49(3), 451-460, 2005.
- (3274) DE LA HUZ, R.; LASTRA, M.; JUNOY, J.; CASTELLANOS, C.; VIEITEZ, J.M. Biological impacts of oil pollution and cleaning in the intertidal zone of exposed sandy beaches: preliminary study of the "Prestige" oil spill. *Estuarine, Coastal and Shelf Science*, 65(1/2), 19-29, 2005.
- (3275) ENGLISH NATURE. Exe Estuary. European marine site. English Nature's advice given under Regulation 33(2) of the Conservation (Natural Habitats &c.) Regulations 1994. 51p. English Nature, 2001.
- (3276) FUNG, C.N.; ZHENG, G.J.; CONNELL, D.W.; ZHANG, X.; WONG, H.L.; GIESY, J.P.; FANG, Z.; LAM, P.K.S. Risks posed by trace organic contaminants in coastal sediments in the Pearl River Delta, China. *Marine Pollution Bulletin*, 50(10), 1036-1049, 2005. [PAHs; HCHs; HCB; heptachlor; aldrin; dieldrin; endrin; kepone; chlordanes; DDTs; PCBs]
- (3277) GEORGIADES, E.T.; TEMARA, A.; HOLDWAY, D.A. Influence of the reproductive cycle on cytochrome P450 levels in the sea star *Coscinasterias muricata*. *Marine Pollution Bulletin*, 50(9), 1007-1014, 2005.
- (3278) GYANANATH, G. Environmental biotechnology. In: Nagabhushanam, R.; Diwan, A.D.; Zahuranec, B.J.; Sarojini, R., (editors). *Biotechnology of aquatic animals*. p.111-131. Enfield, New Hampshire: Science Publishers, Inc, 2004. [Bioremediation; oil spill; xenobiotics]
- (3279) HE, X.; SHI, J.; XIN, H. Fluorescence spectroscopy analysis on oils from the platforms in South China Sea. [In Chinese with English summary]. *Marine Environmental Science/Haiyang Huanjing Kexue*, 23(4), 60-63, 2004.
- (3280) KENNEDY, C.J.; FARRELL, A.P. Ion homeostasis and interrenal stress responses in juvenile Pacific herring, *Clupea pallasi*, exposed to the water-soluble fraction of crude oil. *Journal of Experimental Marine Biology and Ecology*, 323(1), 43-56, 2005. [WSF]
- (3281) LUO, X.; LIU, C.; HE, M. Distribution and origin of polycyclic aromatic hydrocarbons (PAHs) in sediment from the Yellow River. [In Chinese with English summary]. *Research on Environmental Science*, 18(2), 48-50, 2005.
- (3282) MUNIZ, P.; PIRES-VANIN, A.M.S. More about taxonomic sufficiency: a case study using polychaete communities in a subtropical bay moderately affected by urban sewage. *Ocean Science Journal*, 40(3), 127-143, 2005. [Cr; Cu; Zn; hydrocarbons; sterols; nitrogen; sulphur; total organic matter; total organic carbon; sewage; runoff]
- (3283) ORTIZ-DELGADO, J.B.; SEGNER, H.; SARASQUETE, C. Cellular distribution and induction of CYP1A following exposure of gilthead seabream, *Sparus aurata*, to waterborne and dietary benzo(a)pyrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin: an immunohistochemical approach. *Aquatic Toxicology*, 75(2), 144-161, 2005. [B(a)P; TCDD]
- (3284) POLYMENAKOU, P.N.; BERTILSSON, S.; TSELEPIDES, A.; STEPHANOU, E.G. Links between geographic location, environmental factors, and microbial community composition in sediments of the Eastern Mediterranean Sea. *Microbial Ecology*, 49(3), 367-378, 2005.
- (3285) REGOLI, F.; NIGRO, M.; BENEDETTI, M.; FATTORINI, D.; GORBI, S. Antioxidant efficiency in early life stages of the Antarctic silverfish, *Pleuragramma antarcticum*: responsiveness to pro-oxidant conditions of platelet ice and chemical exposure. *Aquatic Toxicology*, 75(1), 43-52, 2005. [Benzo(a)pyrene; PAH; TOSC]

- (3286) SHEN, X.; CHAO, M. Comprehensive eco-environment assessments of three Chinese fishery waters. [In Chinese with English summary]. *Marine Fisheries Research/Haiyang Shuichan Yanjiu*, 26(3), 68-72, 2005. [Cd; Cu; oil; nutrients]
- (3287) SOUTH HAMS DISTRICT COUNCIL. Salcombe - Kingsbridge Estuary. Environmental management plan. Background information 2005-2010. First 5 year review. 66p. Totnes: South Hams District Council, 2005. [Eutrophication; nutrient enrichment; oil; litter]
- (3288) STERLING, M.C., JR; BONNER, J.; ERNEST, A.N.S.; PAGE, C.A.; AUTENRIETH, R.L. Application of fractal flocculation and vertical transport model to aquatic sol-sediment systems. *Water Research*, 39(9), 1818-1830, 2005. [Oil spills]
- (3289) TIAN, Y.; ZHENG, T.; WANG, X. Concentration, composition and origin of polycyclic aromatic hydrocarbons in surface water of Xiamen Harbor. [In Chinese with English summary]. *Acta Scientiae Circumstantiae/Huanjing Kexue Xuebao*, 24(1), 50-55, 2004. [PAHs]
- (3290) VASSENDEN, G.; JOHANSEN, P.-O.; JOHANNESSEN, P. Marine biological environment investigation in the vicinity of Mjelstad landfill in Osteroy municipality, Western Norway in 2004. *Vestbio*, 2, 47p., 2005.
- (3291) ZHAO, Y.; MA, Y.; WU, J.; CHEN, Y. Assessment on the emulsification principle of dispersants with a wave trough by simulating the movement of the surf. [In Chinese with English summary]. *Marine Environmental Science/Haiyang Huanjing Kexue*, 23(4), 67-70, 2004.
- (3292) ZHU, X.; YANG, L. Environment quality assessment of the mariculture zone at the Zhelin Bay of Guangdong Province. [In Chinese with English summary]. *Marine Science Bulletin/Haiyang Tongbao*, 24(1), 87-91, 2005. [Nutrients; eutrophication; petroleum]
- (3293) ZHUKOVA, N.V. Variation in microbial biomass and community structure in sediments of Peter the Great Bay (Sea of Japan/East Sea), as estimated from fatty acid biomarkers. *Ocean Science Journal*, 40(3), 145-153, 2005. [Heavily polluted bays compared with unpolluted areas; PAHs]

Section 3: Metals

- (3294) ABOUSAMRA, F.; BARIC, A.; CIVILI, F.S. Transboundary Diagnostic Analysis(TDA) for the Mediterranean Sea. xvi,195p. Athens: UNEP/MAP/MED POL, 2005.
- (3295) ARGESE, E.; BETTIOL, C.; RIGO, C.; BERTINI, S.; COLOMBAN, S.; GHETTI, P.F. Distribution of arsenic compounds in *Mytilus galloprovincialis* of the Venice lagoon (Italy). *Science of the Total Environment*, 348(1-3), 267-277, 2005. [As(III); As(V); monomethylarsonic acid (MMA); dimethylarsinic acid (DMA); arsenobetaine; arsenocholine; arsenosugars]
- (3296) BALACHANDRAN, K.K.; RAJ, C.M.L.; NAIR, M.; JOSEPH, T.; SHEEBA, P.; VENUGOPAL, P. Heavy metal accumulation in a flow restricted, tropical estuary. *Estuarine, Coastal and Shelf Science*, 65(1/2), 361-370, 2005. [Cd; Co; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (3297) BETTIOL, C.; COLLAVINI, F.; GUERZONI, S.; MOLINAROLI, E.; ROSSINI, P.; ZAGGIA, L.; ZONTA, R. Atmospheric and riverine inputs of metals, nutrients and persistent organic pollutants into the lagoon of Venice. *Hydrobiologia*, 550, 151-165, 2005. [As; Cd; Cr; Cu; Fe; Hg; Mn; Ni; Pb; Zn; nutrients; PCBs; HCB; PCDDs; PCDFs]
- (3298) BOWMAN, J.P.; MCCAMMON, S.A.; DANN, A.L. Biogeographic and quantitative analyses of abundant uncultivated gamma-proteobacterial clades from marine sediment. *Microbial Ecology*, 49(3), 451-460, 2005.
- (3299) BOYD, T.J.; WOLGAST, D.M.; RIVERA-DUARTE, I.; HOLM-HANSEN, O.; HEWES, C.D.; ZIRINO, A.; CHADWICK, D.B. Effects of dissolved and complexed copper on heterotrophic bacterial production in San Diego Bay. *Microbial Ecology*, 49(3), 353-366, 2005. [Cu]
- (3300) CANARIO, J.; VALE, C.; CAETANO, M. Distribution of monomethylmercury and mercury in surface sediments of the Tagus Estuary (Portugal). *Marine Pollution Bulletin*, 50(10), 1142-1145, 2005. [Hg]
- (3301) CHEN, J.; LIU, W.; LIU, S.; LIN, X.; TAO, S. An evaluation on heavy metal contamination in the surface sediments in Bohai Sea. [In Chinese with English summary]. *Marine Sciences/Haiyang Kexue*, 28(12), 16-21, 2004. [As; Cd; Hg; Pb]
- (3302) CHO, Y.S.; CHOI, B.N.; HA, E.-M.; KIM, K.H.; KIM, S.K.; KIM, D.S.; NAM, Y.K. Shark (*Scyliorhinus torazame*) metallothionein: cDNA cloning, genomic sequence, and expression analysis. *Marine Biotechnology*, 7(4), 350-362, 2005. [Cd]
- (3303) CIGLENECKI, I.; KRZANARIC, D.; HELZ, G.R. Voltammetry of copper sulfide particles and nanoparticles: investigation of the cluster hypothesis. *Environmental Science and Technology*, 39(19), 7492-7498, 2005. [Cu]
- (3304) COELHO, J.P.; PEREIRA, M.E.; DUARTE, A.; PARDAL, M.A. Macroalgae response to a mercury contamination gradient in a temperate coastal lagoon (Ria de Aveiro, Portugal). *Estuarine, Coastal and Shelf Science*, 65(3), 492-500, 2005. [Hg; organic mercury]
- (3305) CRAVO, A.; BEBIANNO, M.J. Bioaccumulation of metals in the soft tissue of *Patella aspera*: application of metal/shell weight indices. *Estuarine, Coastal and Shelf Science*, 65(3), 571-586, 2005. [Cd; Co; Cu; Fe; Mn; Ni; Zn]
- (3306) DA SILVA, E.T.; RIDD, M.; KLUMPP, D. Can body burden in the barnacle *Balanus amphitrite* indicate seasonal variation in cadmium concentrations? *Estuarine, Coastal and Shelf Science*, 65(1/2), 159-171, 2005. [Cd]
- (3307) DEHN, L.A.; SHEFFIELD, G.G.; FOLLMANN, E.H.; DUFFY, L.K.; THOMAS, D.L.; BRATTON, G.R.; TAYLOR, R.J.; O'HARA, T.M. Trace elements in tissues of phocid seals harvested in the Alaskan and Canadian Arctic: influence of age and feeding ecology. *Canadian Journal of Zoology*, 83(5), 726-746, 2005. [Ag; Cd; Cu; Se; Zn; Mg; methyl mercury]

- (3308) DENTON, G.R.W.; CONCEPCION, L.P.; WOOD, H.R.; MORRISON, R.J. Trace metals in sediments of four harbours in Guam. *Marine Pollution Bulletin*, 50(10), 1133-1141, 2005. [Ag; As; Cd; Cr; Cu; Hg; Ni; Pb; Sn; Zn]
- (3309) EKLUND, B. Development of a growth inhibition test with the marine and brackish water red alga *Ceramium tenuicorne*. *Marine Pollution Bulletin*, 50(9), 921-930, 2005. [Cu; Zn]
- (3310) ENGLISH NATURE. Exe Estuary. European marine site. English Nature's advice given under Regulation 33(2) of the Conservation (Natural Habitats &c.) Regulations 1994. 51p. English Nature, 2001.
- (3311) FRANCA, S.; VINAGRE, C.; CACADOR, I.; CABRAL, H.N. Heavy metal concentrations in sediment, benthic invertebrates and fish in three salt marsh areas subjected to different pollution loads in the Tagus estuary (Portugal). *Marine Pollution Bulletin*, 50(9), 998-1003, 2005. [Cd; Cu; Pb; Zn]
- (3312) GEFFARD, A.; SMITH, B.D.; AMIARD-TRIQUET, C.; JEANTET, A.Y.; RAINBOW, P.S. Kinetics of trace metal accumulation and excretion in the polychaete *Nereis diversicolor*. *Marine Biology*, 147(6), 1291-1304, 2005. [Cd; Cu; Zn; Blackwater estuary; Restronguet Creek]
- (3313) GYANANATH, G. Environmental biotechnology. In: Nagabhushanam, R.; Diwan, A.D.; Zahuranec, B.J.; Sarojini, R., (editors). *Biotechnology of aquatic animals*. p.111-131. Enfield, New Hampshire: Science Publishers, Inc, 2004. [Bioremediation; oil spill; xenobiotics]
- (3314) HAJJAJ EL HASSANI, L.; FRENICH, A.G.; VIDAL, J.L.M.; MUROS, M.J.S.; BENAJIBA, M.H. Study of the accumulation of tributyltin and triphenyltin compounds and their main metabolites in the sea bass, *Dicentrarchus labrax*, under laboratory conditions. *Science of the Total Environment*, 348(1-3), 191-198, 2005.
[TBT; dibutyltin; monobutyltin; monophenyltin; diphenyltin]
- (3315) HAMER, K.; KARIUS, V. Tributyltin release from harbour sediments - modelling the influence of sedimentation, bio-irrigation and diffusion using data from Bremerhaven. *Marine Pollution Bulletin*, 50(9), 980-992, 2005. [TBT; capping]
- (3316) INOUE, T.; FUKUE, M.; UEHARA, K.; OKI, K. An experimental study on leaching characteristics from dredged sediments. [In Japanese with English summary]. *Journal of the School of Marine Science and Technology*, 3(1), 1-8, 2005. [Cu; Zn; nutrients]
- (3317) KADAR, E.; COSTA, V.; MARTINS, I.; SANTOS, R.S.; POWELL, J.J. Enrichment in trace metals (Al, Mn, Co, Cu, Mo, Cd, Fe, Zn, Pb and Hg) of macro-invertebrate habitats at hydrothermal vents along the Mid-Atlantic Ridge. *Hydrobiologia*, 548, 191-205, 2005.
- (3318) KAKUSCHKE, A.; VALENTINE-THON, E.; GRIESEL, S.; FONFARA, S.; SIEBERT, U.; PRANGE, A. Immunological impact of metals in harbor seals (*Phoca vitulina*) of the North Sea. *Environmental Science and Technology*, 39(19), 7568-7575, 2005. [Ag; Al; As; Au; Be; Cd; Co; Cr; Cu; Fe; Mn; Mo; Ni; Pb; Pd; Pt; Se; Sn; Ti; Zn]
- (3319) LIVINGSTON, R.J. *Restoration of aquatic systems*. 423p. Boca Raton: Taylor and Francis, 2006.
- (3320) LONG, A.; CHEN, S.; YAN, W.; TIAN, Z. Comparison of copper speciation in the Zhujiang River Estuary between summer and winter: implication for upwelling current. *Acta Oceanologica Sinica*, 24(4), 72-80, 2005. [Cu]
- (3321) MATTEUCCI, G.; ROSSINI, P.; GUERZONI, S.; ARCANGELI, A.; FONTI, P.; LANGONE, L.; MISEROCCHI, S. Recent evolution of sedimentary heavy metals in a coastal lagoon contaminated by industrial wastewaters (Pialassa Baiona, Ravenna, Italy). *Hydrobiologia*, 550, 167-173, 2005. [Cd; Cu; Hg; Pb; Zn; petrochemical wastewater]

- (3322) MENG, P.-J.; WANG, J.-T.; LIU, L.-L.; CHEN, M.-H.; HUNG, T.-C. Toxicity and bioaccumulation of tributyltin and triphenyltin on oysters and rock shells collected from Taiwan mariculture area. *Science of the Total Environment*, 349(1-3), 140-149, 2005. [TBT; imposex; mariculture areas]
- (3323) MONTEIRO, P.M.S.; ROYCHOUDHURY, A.N. Spatial characteristics of sediment trace metals in an eastern boundary upwelling retention area (St Helena Bay, South Africa): a hydrodynamic - biological pump hypothesis. *Estuarine, Coastal and Shelf Science*, 65(1/2), 123-134, 2005. [Al; As; Cd; Co; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (3324) MOTA, A.M.; CRUZ, P.; VILHENA, C.; GONCALVES, M.L.S. Influence of the sediment on lead speciation in the Tagus estuary. *Water Research*, 39(8), 1451-1461, 2005. [Pb]
- (3325) MUCHA, A.P.; ALMEIDA, C.M.R.; BORALDO, A.A.; VASCONCELOS, M.T.S.D. Exudation of organic acids by a marsh plant and implications on trace metal availability in the rhizosphere of estuarine sediments. *Estuarine, Coastal and Shelf Science*, 65(1/2), 191-198, 2005. [Cd; Cr; Cu; Ni; Pb; Zn]
- (3326) MUNIZ, P.; PIRES-VANIN, A.M.S. More about taxonomic sufficiency: a case study using polychaete communities in a subtropical bay moderately affected by urban sewage. *Ocean Science Journal*, 40(3), 127-143, 2005. [Cr; Cu; Zn; hydrocarbons; sterols; nitrogen; sulphur; total organic matter; total organic carbon; sewage; runoff]
- (3327) MZOUGH, N.; LESPE, G.; BRAVO, M.; DACHRAOUI, M.; POTIN-GAUTIER, M. Organotin speciation in Bizerte lagoon (Tunisia). *Science of the Total Environment*, 349(1-3), 211-222, 2005. [Monobutyltin; dibutyltin; TBT; butyltins; phenyltins; octyltins]
- (3328) NG, T.Y.-T.; AMIARD-TRIQUET, C.; RAINBOW, P.S.; AMIARD, J.C.; WANG, W.-X. Physico-chemical form of trace metals accumulated by phytoplankton and their assimilation by filter-feeding invertebrates. *Marine Ecology Progress Series*, 299, 179-191, 2005. [Ag; Cd; Zn]
- (3329) NG, T.Y.-T.; WANG, W.-X. Subcellular controls of silver biokinetics in the green mussel *Perna viridis* from two hydrographic zones. *Marine Ecology Progress Series*, 299, 193-204, 2005. [Ag; harbour versus estuarine]
- (3330) NISCHWITZ, V.; PERGANTIS, S.A. First report on the detection and quantification of arsenobetaine in extracts of marine algae using HPLC-ES-MS/MS. *Analyst*, 130(10), 1348-1350, 2005.
- (3331) OUTRIDGE, P.M.; HOBSON, K.A.; SAVELLE, J.M. Changes in mercury and cadmium concentrations and the feeding behaviour of beluga (*Delphinapterus leucas*) near Somerset Island, Canada, during the 20th century. *Science of the Total Environment*, 350(1-3), 106-118, 2005. [Cd; Hg]
- (3332) ROMEO, M.; FRASILA, C.; GNASSIA-BARELLI, M.; DAMIENS, G.; MICU, D.; MUSTATA, G. Biomonitoring of trace metals in the Black Sea (Romania) using mussels *Mytilus galloprovincialis*. *Water Research*, 39(4), 596-604, 2005. [Cd; Cu; Fe; Hg; Mn; Zn]
- (3333) SCHMITT, C.J.; HINCK, J.E.; BLAZER, V.S.; DENSLOW, N.D.; DETHLOFF, G.M.; BARTISH, T.M.; COYLE, J.J.; TILLITT, D.E. Environmental contaminants and biomarker responses in fish from the Rio Grande and its U.S. tributaries: spatial and temporal trends. *Science of the Total Environment*, 350(1-3), 161-193, 2005. [As; Hg; Se; Cd; Pb; Zn; DDE; toxaphene; chlordane; dieldrin; PCB; EROD; vitellogenin]
- (3334) STORELLI, M.M.; GIACOMINELLI-STUFFLER, R.; STORELLI, A.; MARCOTRIGIANO, G.O. Accumulation of mercury, cadmium, lead and arsenic in swordfish and bluefin tuna from the Mediterranean Sea: a comparative study. *Marine Pollution Bulletin*, 50(9), 1004-1007, 2005. [As; Cd; Hg; Pb]

- (3335) STRAND, J.; JACOBSEN, J.A. Accumulation and trophic transfer of organotins in a marine food web from the Danish coastal waters. *Science of the Total Environment*, 350(1-3), 72-85, 2005. [TBT; monobutyltin; dibutyltin; triphenyltin; diphenyltin; monophenyltin]
- (3336) STRAND, J.; LARSEN, M.M.; LOCKYER, C. Accumulation of organotin compounds and mercury in harbour porpoises (*Phocoena phocoena*) from the Danish waters and West Greenland. *Science of the Total Environment*, 350(1-3), 59-71, 2005. [Hg; Zn; monobutyltin; dibutyltin; TBT; triphenyltin; butyltin]
- (3337) STREZOV, A.S.; NONOVA, TZ. P. Comparative analysis of heavy metal and radionuclide contaminants in Black Sea green and red macroalgae. *Water Science and Technology*, 51(11), 1-8, 2005. [Cd; Cu; Pb; 137Cs; 226Ra; 210Pb]
- (3338) VASSENDEN, G.; JOHANSEN, P.-O.; JOHANNESSEN, P. Marine biological environment investigation in the vicinity of Mjelstad landfill in Osteroy municipality, Western Norway in 2004. *Vestbio*, 2, 47p., 2005.
- (3339) VIRGILIO, M.; MACI, S.; ABBIATI, M. Comparisons of genotype-tolerance responses in populations of *Hediste diversicolor* (Polychaeta: Nereididae) exposed to copper stress. *Marine Biology*, 147(6), 1305-1312, 2005. [Cu]
- (3340) WAELES, M.; RISO, R.D.; LE CORRE, P. Seasonal variations of cadmium speciation in the Penze estuary, NW France. *Estuarine, Coastal and Shelf Science*, 65(1/2), 143-152, 2005. [Cd]
- (3341) WANG, Z.; GANTANG, X.; ZHONG, A. Study on the acute toxicity and joint toxicity of Cr⁶⁺, Zn²⁺, Hg²⁺ acting on *Litopenaeus vannamei* juvenile. [In Chinese with English summary]. *Marine Fisheries Research/Haiyang Shuichan Yanjiu*, 26(2), 6-12, 2005.
- (3342) YU, X.; ZHU, S.; SHEN, J.; CHEN, X.; HUANG, C. Anatomical and histological studies on imposex of *Babylonia areolata*. [In Chinese with English summary]. *Journal of Oceanography in Taiwan Strait/Taiwan Haixia*, 23(4), 444-448, 2004. [TBT]
- (3343) ZHANG, L.; REN, S.; CAI, J. Enrichment of heavy metals in the surface sediments from the three regions of random dumping in East China and assessment of their potential ecological risk. [In Chinese with English summary]. *Marine Science Bulletin/Haiyang Tongbao*, 24(2), 92-96, 2005. [As; Cd; Cu; Hg; Pb]
- (3344) ZHAO, S.; SUN, H. Effects of nitrogen, phosphorus and three heavy metals on the growth of *Pavlova viridis*. [In Chinese with English summary]. *Journal of Zhanjiang Ocean University*, 25(1), 60-63, 2005. [Cu; Pb; Zn]
- (3345) ZHOU, X.; HAN, Y.; HE, W. Application of RAPD on the study of imposex mechanism in *Thais clavigera*. [In Chinese with English summary]. *Marine Environmental Science/Haiyang Huanjing Kexue*, 23(4), 31-34, 2004. [Organotin]
- (3346) ZHU, X.; HU, B.; JIANG, Z.; LI, M. Cloud point extraction for speciation of chromium in water samples by electrothermal atomic absorption spectrometry. *Water Research*, 39(4), 589-595, 2005. [Cr]

Section 4: Radioactivity

(3347) CENTRE FOR ENVIRONMENT, FISHERIES AND AQUACULTURE SCIENCE (CEFAS). Radioactivity in food and the environment, 2004. 251p. London: Stationery Office, 2005. (RIFE - 10) [Including CDROM of RIFE reports 1-9]

(3348) ENGLISH NATURE. Exe Estuary. European marine site. English Nature's advice given under Regulation 33(2) of the Conservation (Natural Habitats &c.) Regulations 1994. 51p. English Nature, 2001.

(3349) HUGHES, K.A. Effect of Antarctic solar radiation on sewage bacteria viability. *Water Research*, 39(11), 2237-2244, 2005.

(3350) HUNG, O.S.; GOSSELIN, L.A.; THIYAGARAJAN, V.; WU, R.S.S.; QIAN, P.Y. Do effects of ultraviolet radiation on microbial films have indirect effects on larval attachment of the barnacle *Balanus amphitrite*? *Journal of Experimental Marine Biology and Ecology*, 323(1), 16-26, 2005. [UV]

(3351) IRVING, A.D.; CONNELL, S.D.; JOHNSTON, E.L.; PILE, A.J.; GILLANDERS, B.M. The response of encrusting coralline algae to canopy loss: an independent test of predictions on an Antarctic coast. *Marine Biology*, 147(5), 1075-1083, 2005. [Nutrients; UV]

(3352) KUFFNER, I.B. Temporal variation in photosynthetic pigments and UV-absorbing compounds in shallow populations of two Hawaiian reef corals. *Pacific Science*, 59(4), 561-580, 2005.

(3353) LITCHMAN, E.; NEALE, P.J. UV effects on photosynthesis, growth and acclimation of an estuarine diatom and cryptomonad. *Marine Ecology Progress Series*, 300, 53-62, 2005.

(3354) LU, X.; MATSUMOTO, E. Recent sedimentation rates derived from ²¹⁰Pb and ¹³⁷Cs methods in Ise Bay, Japan. *Estuarine, Coastal and Shelf Science*, 65(1/2), 83-93, 2005.

(3355) LUBIN, D.; ARRIGO, K.R.; VAN DIJKEN, G.L. Increased exposure of Southern Ocean phytoplankton to ultraviolet radiation. *Geophysical Research Letters*, 31(9), [np.], 2004. [UV]

(3356) OBERMULLER, B.; KARSTEN, U.; ABELE, D. Response of oxidative stress parameters and sunscreens compounds in Arctic amphipods during experimental exposure to maximal natural UVB radiation. *Journal of Experimental Marine Biology and Ecology*, 323(2), 100-117, 2005. [UV]

(3357) RIJSTENBIL, J.W. UV- and salinity-induced oxidative effects in the marine diatom *Cylindrotheca closterium* during simulated emersion. *Marine Biology*, 147(5), 1063-1073, 2005. [UVB]

(3358) STREZOV, A.S.; NONOVA, T.Z. P. Comparative analysis of heavy metal and radionuclide contaminants in Black Sea green and red macroalgae. *Water Science and Technology*, 51(11), 1-8, 2005. [Cd; Cu; Pb; ¹³⁷Cs; ²²⁶Ra; ²¹⁰Pb]

(3359) WUTTKE, S. Radiation conditions in an Antarctic environment. *Berichte zur Polar und Meeresforschung*, 514, vii, 140p., 2005. [Thesis; UV]

Section 5: Other Chemicals

- (3360) ABOUSAMRA, F.; BARIC, A.; CIVILI, F.S. Transboundary Diagnostic Analysis(TDA) for the Mediterranean Sea. xvi,195p. Athens: UNEP/MAP/MED POL, 2005.
- (3361) ARGESE, E.; BETTIOL, C.; RIGO, C.; BERTINI, S.; COLOMBAN, S.; GHETTI, P.F. Distribution of arsenic compounds in *Mytilus galloprovincialis* of the Venice lagoon (Italy). *Science of the Total Environment*, 348(1-3), 267-277, 2005. [As(III); As(V); monomethylarsonic acid (MMA); dimethylarsinic acid (DMA); arsenobetaine; arsenocholine; arsenosugars]
- (3362) AZZONI, R.; GIORDANI, G.; VIAROLI, P. Iron-sulphur-phosphorus interactions: implications for sediment buffering capacity in a mediterranean eutrophic lagoon (Sacca di Goro, Italy). *Hydrobiologia*, 550, 131-148, 2005. [Eutrophication; nutrients]
- (3363) BARBER, J.L.; SWEETMAN, A.J.; VAN WIJK, D.; JONES, K.C. Hexachlorobenzene in the global environment: emissions, levels, distribution, trends and processes. *Science of the Total Environment*, 349(1-3), 1-44, 2005. [HCB]
- (3364) BARSKA, I.; GUZ-RUCZYNSKA, W.; SKRZYNSKI, I.; SZLINDER-RICHERT, J.; USYDUS, Z.; BYKOWSKI, P.; HOVE, H.; HEGGSTAD, K.; BJORDAL, A. Non-ortho polychlorinated biphenyls (PCBs) in Baltic fish in the 1999-2003 period. *Bulletin of the Sea Fisheries Institute*, 1(164), 3-21, 2005.
- (3365) BARTOLI, G.; MIGON, C.; LOSNO, R. Atmospheric input of dissolved inorganic phosphorus and silicon to the coastal northwestern Mediterranean Sea: fluxes, variability and possible impact on phytoplankton dynamics. *Deep-Sea Research I*, 52(11), 2005-2016, 2005. [Nutrients]
- (3366) BARTOLI, M.; NIZZOLI, D.; VEZZULLI, L.; NALDI, M.; FANCIULLI, G.; VIAROLI, P.; FABIANO, M. Dissolved oxygen and nutrient budgets in a phytotreatment pond colonised by *Ulva* spp. *Hydrobiologia*, 550, 199-209, 2005.
- (3367) BETTIOL, C.; COLLAVINI, F.; GUERZONI, S.; MOLINAROLI, E.; ROSSINI, P.; ZAGGIA, L.; ZONTA, R. Atmospheric and riverine inputs of metals, nutrients and persistent organic pollutants into the lagoon of Venice. *Hydrobiologia*, 550, 151-165, 2005. [As; Cd; Cr; Cu; Fe; Hg; Mn; Ni; Pb; Zn; nutrients; PCBs; HCB; PCDDs; PCDFs]
- (3368) BOSSI, R.; RIGET, F.F.; DIETZ, R. Temporal and spatial trends of perfluorinated compounds in ringed seal (*Phoca hispida*) from Greenland. *Environmental Science and Technology*, 39(19), 7416-7422, 2005. [PFCs; perfluorooctane sulfonate (PFOS); perfluoroundecanoic acid (PFUnA); perfluorononanoic acid (PFNA); perfluorodecanoic acid (PFDA)]
- (3369) BURFORD, M.A. Relative uptake of urea and ammonium by dinoflagellates or cyanobacteria in shrimp mesocosms. *Hydrobiologia*, 549, 297-303, 2005.
- (3370) BUYUKATES, Y.; ROELKE, D. Influence of pulsed inflows and nutrient loading on zooplankton and phytoplankton community structure and biomass in microcosm experiments using estuarine assemblages. *Hydrobiologia*, 548, 233-249, 2005. [Wastewater discharge]
- (3371) CHEN, B.; MAI, B.-X.; DUAN, J.-C.; LUO, X.-J.; YANG, Q.-S.; SHENG, G.-Y.,; FU, J.-M. Concentrations of alkylphenols in sediments from the Pearl River estuary and South China Sea, South China. *Marine Pollution Bulletin*, 50(9), 993-997, 2005. [Nonylphenol; octylphenol]
- (3372) CORSI, I.; MARIOTTINI, M.; BADESSO, A.; CARUSO, T.; BORGHESI, N.; BONACCI, S.; IACOCCA, A.; FOCARDI, S. Contamination and sub-lethal toxicological effects of persistent organic pollutants in the European eel (*Anguilla anguilla*) in the Orbetello lagoon (Tuscany, Italy). *Hydrobiologia*, 550, 237-249, 2005. [Lindane; HCB; DDTs; PCBs]
- (3373) CUNHA, I.; HOFF, P.; VAN DE VIJVER, K.; GUILHERMINO, L.; ESMANS, E.; DE COEN, W. Baseline study of perfluorooctane sulfonate occurrence in mussels, *Mytilus galloprovincialis*, from north-central portuguese estuaries. *Marine Pollution Bulletin*, 50(10), 1128-1132, 2005. [PFOS]

- (3374) DINEVA, S. Long-term evolution and trends of the hydrological and hydrochemical parameters in Bulgarian Black Sea waters during the period 1992-2000. *Water Science and Technology*, 51(11), 19-26, 2005. [Nutrients]
- (3375) DUNN, S.M.; VINTEN, A.J.A.; LILLY, A.; DEGROOTE, J.; MCGECHAN, M. Modelling nitrate losses from agricultural activities on a national scale. *Water Science and Technology*, 51(3/4), 319-327, 2005. [Nitrogen Risk Assessment Model for Scotland (NIRAMS); 8 catchments; modelling]
- (3376) ENDO, S.; TAKIZAWA, R.; OKUDA, K.; TAKADA, H.; CHIBA, K.; KANEHIRO, H.; OGI, H.; YAMASHITA, R.; DATE, T. Concentration of polychlorinated biphenyls (PCBs) in beached resin pellets: variability among individual particles and regional differences. *Marine Pollution Bulletin*, 50(10), 1103-1114, 2005.
- (3377) ENEROTH, K.; AALTO, T.; HATAKKA, J.; HOLMEN, K. Atmospheric transport of carbon dioxide to a baseline monitoring station in northern Finland. *Tellus B*, 57B(5), 366-374, 2005. [CO₂]
- (3378) ENGLISH NATURE. Exe Estuary. European marine site. English Nature's advice given under Regulation 33(2) of the Conservation (Natural Habitats &c.) Regulations 1994. 51p. English Nature, 2001.
- (3379) ENVIRONMENT AGENCY. Urban waste water treatment directive (91/27/EEC). Candidate sensitive area (eutrophic) & "polluted waters" (eutrophic): Poole Harbour. South Wessex area, South West region. [90p.]. Environment Agency, 1997. [Nutrient removal; nutrient loading]
- (3380) ENVIRONMENT AGENCY. EC urban waste water treatment (91/271/EEC) and nitrates directives (91/676/EEC) Poole Harbour. Candidate sensitive area (eutrophic) and polluted waters (eutrophic). South West region. January 2001. [44p.]. Environment Agency, 2001. [Nutrient removal; nutrient loading]
- (3381) FERNANDEZ, J.M.; SELMA, M.A.E.; AYMERICH, F.R.; SAEZ, M.T.P.; FRUCTUOSO, M.F.C. Aquatic birds as bioindicators of trophic changes and ecosystem deterioration in the Mar Menor lagoon (SE Spain). *Hydrobiologia*, 550, 221-235, 2005. [Nutrient loading]
- (3382) FERREIRA, J.G.; WOLFF, W.J.; SIMAS, T.C.; BRICKER, S.B. Does biodiversity of estuarine phytoplankton depend on hydrology? *Ecological Modelling*, 187(4), 513-523, 2005. [Eutrophication; Water Framework Directive; model]
- (3383) FUNG, C.N.; ZHENG, G.J.; CONNELL, D.W.; ZHANG, X.; WONG, H.L.; GIESY, J.P.; FANG, Z.; LAM, P.K.S. Risks posed by trace organic contaminants in coastal sediments in the Pearl River Delta, China. *Marine Pollution Bulletin*, 50(10), 1036-1049, 2005. [PAHs; HCHs; HCB; heptachlor; aldrin; dieldrin; endrin; kepone; chlordanes; DDTs; PCBs]
- (3384) GAGO, J.; ALVAREZ-SALGADO, X.A.; NIETO-CID, M.; BREA, S.; PIEDRACOBIA, S. Continental inputs of C, N, P and Si species to the Ria de Vigo (NW Spain). *Estuarine, Coastal and Shelf Science*, 65(1/2), 74-82, 2005.
- (3385) GASIUNAITE, Z.R., (ET AL). Seasonality of coastal phytoplankton in the Baltic Sea: influence of salinity and eutrophication. *Estuarine, Coastal and Shelf Science*, 65(1/2), 239-252, 2005. [Nutrients]
- (3386) GEORGIADES, E.T.; TEMARA, A.; HOLDWAY, D.A. Influence of the reproductive cycle on cytochrome P450 levels in the sea star *Coscinasterias muricata*. *Marine Pollution Bulletin*, 50(9), 1007-1014, 2005.
- (3387) GYANANATH, G. Environmental biotechnology. In: Nagabhushanam, R.; Diwan, A.D.; Zahuranec, B.J.; Sarojini, R., (editors). *Biotechnology of aquatic animals*. p.111-131. Enfield, New Hampshire: Science Publishers, Inc, 2004. [Bioremediation; oil spill; xenobiotics]

- (3388) HIGANO, J. Influence of environmental factors as oxygen deficiency, hydrogen sulfide and suspended mud on the survival and growth of Manila clam. [In Japanese with English summary]. *Bulletin of Fisheries Research Agency, Supplement 3*, 27-33, 2005.
- (3389) HONG, S.H.; YIM, U.H.; SHIM, W.J.; OH, J.R. Congener-specific survey for polychlorinated biphenyls in sediments of industrialized bays in Korea: regional characteristics and pollution sources. *Environmental Science and Technology*, 39(19), 7380-7388, 2005. [PCBs]
- (3390) INOUE, T.; FUKUE, M.; UEHARA, K.; OKI, K. An experimental study on leaching characteristics from dredged sediments. [In Japanese with English summary]. *Journal of the School of Marine Science and Technology*, 3(1), 1-8, 2005. [Cu; Zn; nutrients]
- (3391) IRVING, A.D.; CONNELL, S.D.; JOHNSTON, E.L.; PILE, A.J.; GILLANDERS, B.M. The response of encrusting coralline algae to canopy loss: an independent test of predictions on an Antarctic coast. *Marine Biology*, 147(5), 1075-1083, 2005. [Nutrients; UV]
- (3392) JANER, G.; LAVADO, R.; THIBAUT, R.; PORTE, C. Effects of 17beta-estradiol exposure in the mussel *Mytilus galloprovincialis*: a possible regulating role for steroid acyltransferases. *Aquatic Toxicology*, 75(1), 32-42, 2005.
- (3393) KEEN, P.L.; HIGGS, D.A.; HALL, K.J.; IKONOMOU, M. Effects of dietary exposure of 4-nonylphenol on growth and smoltification of juvenile coho salmon (*Oncorhynchus kisutch*). *Science of the Total Environment*, 349(1-3), 81-94, 2005.
- (3394) LABELLE, M.-A.; JUTEAU, P.; JOLICOEUR, M.; VILLEMUR, R.; PARENT, S.; COMEAU, Y. Seawater denitrification in a closed mesocosm by a submerged moving bed biofilm reactor. *Water Research*, 39(14), 3409-3417, 2005.
- (3395) LE, T.X.; MUNEKAGE, Y.; KATO, S. Antibiotic resistance in bacteria from shrimp farming in mangrove areas. *Science of the Total Environment*, 349(1-3), 95-105, 2005. [Norfloxacin; oxolinic acid; trimethoprim; sulfamethoxazole]
- (3396) LIN, Z.; HE, G. The technology of cleaning up red tide algae and nutrient by composite detergent. [In Chinese with English summary]. *Marine Environmental Science/Haiyang Huanjing Kexue*, 23(4), 57-59, 2004.
- (3397) LIVINGSTON, R.J. Restoration of aquatic systems. 423p. Boca Raton: Taylor and Francis, 2006.
- (3398) LONGINELLI, A.; LENZA, R.; ORI, C.; SELMO, E. Concentrations and delta 13C values of atmospheric CO₂ from oceanic atmosphere through time: polluted and non-polluted areas. *Tellus B*, 57B(5), 385-390, 2005. [Carbon dioxide]
- (3399) LOUREIRO, S.; NEWTON, A.; ICELY, J. Effects of nutrient enrichments on primary production in the Ria Formosa coastal lagoon (southern Portugal). *Hydrobiologia*, 550, 29-45, 2005.
- (3400) LUNVEN, M.; GUILLAUD, J.F.; YOUENOU, A.; GRASSOUS, M.P.; BERRIC, R.; LE GALL, E.; KEROUEL, R.; LABRY, C.; AMINOT, A. Nutrient and phytoplankton distribution in the Loire River plume (Bay of Biscay, France) resolved by a new Fine Scale Sampler. *Estuarine, Coastal and Shelf Science*, 65(1/2), 94-108, 2005.
- (3401) MAGALHAES, C.M.; JOYE, S.B.; MOREIRA, R.M.; WIEBE, W.J.; BORDALO, A.A. Effect of salinity and inorganic nitrogen concentrations on nitrification and denitrification rates in intertidal sediments and rocky biofilms of the Douro River estuary, Portugal. *Water Research*, 39(9), 1783-1794, 2005.
- (3402) MARION, G.S.; DUNBAR, R.B.; MUCCIARONE, D.A.; KREMER, J.N.; LANSING, J.S.; ARTHAWIGUNA, A. Coral skeletal delta 15N reveals isotopic traces of an agricultural revolution. *Marine Pollution Bulletin*, 50(9), 931-944, 2005. [Nitrogen; fertilizers; wastewater; nutrient loading; sewage]

- (3403) MCELROY, M.B.; WANG, Y.X. Human and animal wastes: implications for atmospheric N₂O and NO_x. *Global Biogeochemical Cycles*, 19(2), GB2008, 2005.
- (3404) MORAND, P.; MERCERON, M. Macroalgal population and sustainability. *Journal of Coastal Research*, 21(5), 1009-1020, 2005. [Eutrophication; nutrients]
- (3405) MOUILLOT, D.; LAUNE, J.; TOMASINI, J.-A.; ALIAUME, C.; BREHMER, P.; DUTRIEUX, E.; CHI, T.D. Assessment of coastal lagoon quality with taxonomic diversity indices of fish, zoobenthos and macrophyte communities. *Hydrobiologia*, 550, 121-130, 2005. [Eutrophication; nutrients]
- (3406) MUNIZ, P.; PIRES-VANIN, A.M.S. More about taxonomic sufficiency: a case study using polychaete communities in a subtropical bay moderately affected by urban sewage. *Ocean Science Journal*, 40(3), 127-143, 2005. [Cr; Cu; Zn; hydrocarbons; sterols; nitrogen; sulphur; total organic matter; total organic carbon; sewage; runoff]
- (3407) NEILL, M. A method to determine which nutrient is limiting for plant growth in estuarine waters - at any salinity. *Marine Pollution Bulletin*, 50(9), 945-955, 2005. [Suir/Barrow/Nore estuary; Waterford harbour; Slaney estuary; Wexford harbour; Colligan estuary; Dungarvan harbour]
- (3408) NIZZOLI, D.; WELSH, D.T.; BARTOLI, M.; VIAROLI, P. Impacts of mussel (*Mytilus galloprovincialis*) farming on oxygen consumption and nutrient recycling in a eutrophic coastal lagoon. *Hydrobiologia*, 550, 183-198, 2005.
- (3409) OH, J.R.; HONG, S.H.; SHIM, W.J.; KANNAN, N. A survey of polychlorinated dibenzo-p-dioxins and furans in Korean seafood - a congener-specific approach. *Marine Pollution Bulletin*, 50(10), 1121-1128, 2005. [PCDDs; PCDFs]
- (3410) ORR, J.C., (ET AL). Anthropogenic ocean acidification over the twenty-first century and its impact on calcifying organisms. *Nature*, 437(7059), 681-686, 2005. [CO₂]
- (3411) ORTIZ-DELGADO, J.B.; SEGNER, H.; SARASQUETE, C. Cellular distribution and induction of CYP1A following exposure of gilthead seabream, *Sparus aurata*, to waterborne and dietary benzo(a)pyrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin: an immunohistochemical approach. *Aquatic Toxicology*, 75(2), 144-161, 2005. [B(a)P; TCDD]
- (3412) OTCHERE, F.A. Organochlorines (PCBs and pesticides) in the bivalves *Anadara (Senilis) senilis*, *Crassostrea tulipa* and *Perna perna* from the lagoons of Ghana. *Science of the Total Environment*, 348(1-3), 102-114, 2005. [HCHs; lindane; DDTs; chlordanes; heptachlor; aldrin; dieldrin; endrin; endosulfan]
- (3413) PAGLIOSA, P.R.; FONSECA, A.; BOSQUILHA, G.E.; BRAGA, E.S.; BARBOSA, F.A.R. Phosphorus dynamics in water and sediments in urbanized and non-urbanized rivers in Southern Brazil. *Marine Pollution Bulletin*, 50(9), 965-974, 2005. [Polyphosphate; urbanization]
- (3414) PATRA, P.K.; MAKSYUTOV, S.; NAKAZAWA, T. Analysis of atmospheric CO₂ growth rates at Mauna Loa using CO₂ fluxes derived from an inverse model. *Tellus B*, 57B(5), 357-365, 2005. [Carbon dioxide]
- (3415) PELEJERO, C.; CALVO, E.; MCCULLOCH, M.T.; MARSHALL, J.F.; GAGAN, M.K.; LOUGH, J.M.; OPDYKE, B.N. Preindustrial to modern interdecadal variability in coral reef pH. *Science*, 309(5744), 2204-2207, 2005. [Anthropogenic CO₂]
- (3416) PEREZ-RUZAFÁ, A.; FERNÁNDEZ, A.I.; MARCOS, C.; GILABERT, J.; QUISPE, J.I.; GARCÍA-CHARTÓN, J.A. Spatial and temporal variations of hydrological conditions, nutrients and chlorophyll a in a Mediterranean coastal lagoon (Mar Menor, Spain). *Hydrobiologia*, 550, 11-27, 2005. [Eutrophication models]

- (3417) PITTA, P.; APOSTOLAKI, E.T.; GIANNOULAKI, M.; KARAKASSIS, I. Mesoscale changes in the water column in response to fish farming zones in three coastal areas in the Eastern Mediterranean Sea. *Estuarine, Coastal and Shelf Science*, 65(3), 501-512, 2005. [Nutrients]
- (3418) QUYNH, L.T.P.; BILLEN, G.; GARNIER, J.; THERY, S.; FEZARD, C. Nutrient (N, P) budgets for the Red River basin (Vietnam and China). *Global Biogeochemical Cycles*, 19(2), GB2022, 2005.
- (3419) RASCH, P.S.; IPSEN, N.; MALMGREN-HANSEN, A.; MOGENSEN, B. Linking integrated water resources management and integrated coastal zone management. *Water Science and Technology*, 51(11), 221-229, 2005. [Includes case study of nutrients in Odense Fjord; modelling]
- (3420) RICHARDSON, B.J.; LAM, P.K.S.; MARTIN, M. Emerging chemicals of concern: pharmaceuticals and personal care products (PPCPs) in Asia, with particular reference to Southern China. *Marine Pollution Bulletin*, 50(9), 913-920, 2005.
- (3421) RYSAVY, J.P.; YAN, T.; NOVAK, P.J. Enrichment of anaerobic polychlorinated biphenyl dechlorinators from sediment with iron as a hydrogen source. *Water Research*, 39(4), 569-578, 2005. [PCBs]
- (3422) SANO, L.L.; BARTELL, S.M.; LANDRUM, P.F. Decay model for biocide treatment of unballasted vessels: application for the Laurentian Great Lakes. *Marine Pollution Bulletin*, 50(10), 1050-1060, 2005.
- (3423) SATO, T.; WATANABE, Y.; TOYOTA, K.; ISHIZAKA, J. Extended probit mortality model for zooplankton against transient change of PCO₂. *Marine Pollution Bulletin*, 50(9), 975-979, 2005. [CO₂ ocean storage; *Metamphiascopsis hirsutus*]
- (3424) SCHILLING, C., (ET AL). Lessons learned from investigations on case study level for modelling of nutrient emissions in the Danube basin. *Water Science and Technology*, 51(11), 183-191, 2005. [MONERIS]
- (3425) SCHMITT, C.J.; HINCK, J.E.; BLAZER, V.S.; DENSLOW, N.D.; DETHLOFF, G.M.; BARTISH, T.M.; COYLE, J.J.; TILLITT, D.E. Environmental contaminants and biomarker responses in fish from the Rio Grande and its U.S. tributaries: spatial and temporal trends. *Science of the Total Environment*, 350(1-3), 161-193, 2005. [As; Hg; Se; Cd; Pb; Zn; DDE; toxaphene; chlordane; dieldrin; PCB; EROD; vitellogenin]
- (3426) SCHREIBER, H.; BEHRENDT, H.; CONSTANTINESCU, L.T.; CVITANIC, I.; DRUMEA, D.; JABUCAR, D.; JURAN, S.; PATAKI, B.; SNISHKO, S.; ZESSNER, M. Nutrient emissions from diffuse and point sources into the River Danube and its main tributaries for the period of 1998-2000 - results and problems. *Water Science and Technology*, 51(3/4), 283-290, 2005. [Nutrient load; GIS]
- (3427) SHAW, S.D.; BRENNER, D.; BOURAKOVSKY, A.; MAHAFFEY, C.A.; PERKINS, C.R. Polychlorinated biphenyls and chlorinated pesticides in harbor seals (*Phoca vitulina concolor*) from the northwestern Atlantic coast. *Marine Pollution Bulletin*, 50(10), 1069-1084, 2005. [PCBs; DDTs; chlordanes; mirex; HCHs; dieldrin; HCB]
- (3428) SHEN, X.; CHAO, M. Comprehensive eco-environment assessments of three Chinese fishery waters. [In Chinese with English summary]. *Marine Fisheries Research/Haiyang Shuichan Yanjiu*, 26(3), 68-72, 2005. [Cd; Cu; oil; nutrients]
- (3429) SOUTH HAMS DISTRICT COUNCIL. Salcombe - Kingsbridge Estuary. Environmental management plan. Background information 2005-2010. First 5 year review. 66p. Totnes: South Hams District Council, 2005. [Eutrophication; nutrient enrichment; oil; litter]
- (3430) SPOKES, L.J.; JICKELLS, T.D. Is the atmosphere really an important source of reactive nitrogen to coastal waters? *Continental Shelf Research*, 25(16), 2022-2035, 2005. [Eutrophication; nutrient fluxes]

- (3431) STRAND, J.; JACOBSEN, J.A. Accumulation and trophic transfer of organotins in a marine food web from the Danish coastal waters. *Science of the Total Environment*, 350(1-3), 72-85, 2005. [TBT; monobutyltin; dibutyltin; triphenyltin; diphenyltin; monophenyltin]
- (3432) STRAND, J.; LARSEN, M.M.; LOCKYER, C. Accumulation of organotin compounds and mercury in harbour porpoises (*Phocoena phocoena*) from the Danish waters and West Greenland. *Science of the Total Environment*, 350(1-3), 59-71, 2005. [Hg; Zn; monobutyltin; dibutyltin; TBT; triphenyltin; butyltin]
- (3433) SUOMELA, J.; GRAN, V.; HELMINEN, H.; LAGUS, A.; LEHTORANTA, J.; SIPURA, J. Effects of sediment and nutrient enrichment on water quality in the Archipelago Sea, northern Baltic: an enclosure experiment in shallow water. *Estuarine, Coastal and Shelf Science*, 65(1/2), 337-350, 2005. [Eutrophication]
- (3434) TANABE, S. Synthetic musks - arising new environmental menace? *Marine Pollution Bulletin*, 50(10), 1025-1026, 2005.
- (3435) TEWFIK, A.; RASMUSSEN, J.B.; MCCANN, K.S. Anthropogenic enrichment alters a marine benthic food web. *Ecology*, 86(10), 2726-2736, 2005. [Nutrients]
- (3436) THOMAS, C.M.; PERISSINOTTO, R.; KIBIRIGE, I. Phytoplankton biomass and size structure in two South African eutrophic, temporarily open/closed estuaries. *Estuarine, Coastal and Shelf Science*, 65(1/2), 223-238, 2005. [Eutrophication; nutrient loading]
- (3437) TRANCOSO, A.R.; SARAIVA, S.; FERNANDES, L.; PINA, P.; LEITAO, P.; NEVES, R. Modelling macroalgae using a 3D hydrodynamic-ecological model in a shallow, temperate estuary. *Ecological Modelling*, 187(2/3), 232-246, 2005. [Nutrients]
- (3438) VAN GILS, J.; BEHRENDT, H.; CONSTANTINESCU, A.; LASZIO, F.; POPESCU, L. Changes of the nutrient loads of the Danube since the late eighties: an analysis based on long term changes along the whole Danube River and its main tributaries. *Water Science and Technology*, 51(11), 205-212, 2005.
- (3439) VASSENDEN, G.; JOHANSEN, P.-O.; JOHANNESSEN, P. Marine biological environment investigation in the vicinity of Mjelstad landfill in Osteroy municipality, Western Norway in 2004. *Vestbio*, 2, 47p., 2005.
- (3440) VELIKOVA, V.; COCIASU, A.; POPA, L.; BOICENCO, L.; PETROVA, D. Phytoplankton community and hydrochemical characteristics of the Western Black Sea. *Water Science and Technology*, 51(11), 9-18, 2005. [Nutrients; recovery]
- (3441) VELTMAN, K.; HENDRIKS, J.; HUIJBREGTS, M.; LEONARDS, P.; VAN DEN HEUVEL-GREVE, M.; VETHAAK, D. Accumulation of organochlorines and brominated flame retardants in estuarine and marine food chains: field measurements and model calculations. *Marine Pollution Bulletin*, 50(10), 1085-1102, 2005.
- (3442) VERREAULT, J.; HOUDE, M.; GABRIELSEN, G.W.; BERGER, U.; HAUKAS, M.; LETCHER, R.J.; MUIR, D.C.G. Perfluorinated alkyl substances in plasma, liver, brain, and eggs of glaucous gulls (*Larus hyperboreus*) from the Norwegian Arctic. *Environmental Science and Technology*, 39(19), 7439-7445, 2005. [PFAS; perfluorooctane sulfonate (PFOS); perfluorocarboxylic acids (PFCAs); perfluorohexane sulfonate]
- (3443) VEZZULLI, L.; BARTOLI, M.; NIZZOLI, D.; FANCIULLI, G.; VIAROLI, P.; FABIANO, M. Relationships between macroalgal biomass and microbiological quality of water in a phytotreatment pond. *Hydrobiologia*, 550, 211-219, 2005.
- (3444) VIAOLI, P.; BARTOLI, M.; AZZONI, R.; GIORDANI, G.; MUCCHINO, C.; NALDI, M.; NIZZOLI, D.; TAJE, L. Nutrient and iron limitation to *Ulva* blooms in a eutrophic coastal lagoon (Sacca di Goro, Italy). *Hydrobiologia*, 550, 57-71, 2005.

- (3445) VIZZINI, S.; SAVONA, B.; CHI, T.D.; MAZZOLA, A. Spatial variability of stable carbon and nitrogen isotope ratios in a Mediterranean coastal lagoon. *Hydrobiologia*, 550, 73-82, 2005. [Wastewater discharge; organic matter; nutrients]
- (3446) WAFO, E.; SARRAZIN, L.; DIANA, C.; DHERMAIN, F.; SCHEMBRI, T.; LAGADEC, V.; PECCHIA, M.; REBOUILLON, P. Accumulation and distribution of organochlorines (PCBs and DDTs) in various organs of *Stenella coeruleoalba* and a *Tursiops truncatus* from Mediterranean littoral environment (France). *Science of the Total Environment*, 348(1-3), 115-127, 2005.
- (3447) WANG, X.-M.; DING, X.; MAI, B.-X.; XIE, Z.-Q.; XIANG, C.-H.; SUN, L.-G.; SHENG, G.-Y.; FU, J.-M.; ZENG, E.Y. Polybrominated diphenyl ethers in airborne particulates collected during a research expedition from the Bohai Sea to the Arctic. *Environmental Science and Technology*, 39(20), 7803-7809, 2005. [11 PBDE congeners]
- (3448) WELLS, R.S.; TORNERO, V.; BORRELL, A.; AGUILAR, A.; ROWLES, T.K.; RHINEHART, H.L.; HOFMANN, S.; JARMAN, W.M.; HOHN, A.A.; SWEENEY, J.C. Integrating life-history and reproductive success data to examine potential relationships with organochlorine compounds for bottlenose dolphins (*Tursiops truncatus*) in Sarasota Bay, Florida. *Science of the Total Environment*, 349(1-3), 106-119, 2005. [PCBs]
- (3449) WETZEL, P.; WINGUTH, A.; MAIER-REIMER, E. Sea-to-air CO₂ flux from 1948 to 2003: a model study. *Global Biogeochemical Cycles*, 19(2), GB2005, 2005.
- (3450) WILSON, J.G. Diffuse inputs of nutrients to Dublin Bay. *Water Science and Technology*, 51(3/4), 231-237, 2005. [River Liffey main source; sewage discharge]
- (3451) WISSEL, B.; GACE, A.; FRY, B. Tracing river influences on phytoplankton dynamics in two Louisiana estuaries. *Ecology*, 86(10), 2751-2762, 2005. [Nutrients; river diversion]
- (3452) YANG, X.; SHANG, C. Quantification of aqueous cyanogen chloride and cyanogen bromide in environmental samples by MIMS. *Water Research*, 39(9), 1709-1718, 2005.
- (3453) YUE, W.; HUANG, X. Distribution characteristics of phosphorus in core sediments from Zhujiang river estuary and its environmental significance. [In Chinese with English summary]. *Journal of Tropical Oceanography*, 24(1), 21-27, 2005.
- (3454) YUKSEK, A.; OKUS, E.; YILMAZ, N. Rehabilitation studies and recovery of a once lifeless estuary: the Golden Horn. *Water Science and Technology*, 51(11), 27-35, 2005. [Nutrients; faecal coliforms; biodiversity]
- (3455) ZESSNER, M.; POSTOLACHE, C.; CLEMENT, A.; KOVACS, A.; STRAUSS, P. Considerations on the influence of extreme events on the phosphorus transport from river catchments to the sea. *Water Science and Technology*, 51(11), 193-204, 2005. [Erosion; nutrient load]
- (3456) ZHANG, J.; ZHANG, Y.; LI, J.; HU, J.; YE, P.; ZENG, Z. Monitoring of trifluoroacetic acid concentration in environmental waters in China. *Water Research*, 39(7), 1331-1339, 2005. [TFA]
- (3457) ZHANG, Y. Fate of rising CO₂ droplets in seawater. *Environmental Science and Technology*, 39(19), 7719-7724, 2005. [Fossil fuel CO₂]
- (3458) ZHANG, Y.; LIN, H. Concentrations and distributions of DDTs, HCHs and PCBs in surface sediments of Xiamen sea areas. [In Chinese with English summary]. *Journal of Oceanography in Taiwan Strait/Taiwan Haixia*, 23(4), 423-428, 2004.
- (3459) ZHAO, S.; SUN, H. Effects of nitrogen, phosphorus and three heavy metals on the growth of *Pavlova viridis*. [In Chinese with English summary]. *Journal of Zhanjiang Ocean University*, 25(1), 60-63, 2005. [Cu; Pb; Zn]

(3460) ZHOU, C.; YAN, C.; HUANG, C.; CHEN, W.; CHI, X. Acute toxicity of Tegillarca granosa by triazophos and SOD, CAT activities shown in the blood serum. [In Chinese with English summary]. Marine Sciences/Haiyang Kexue, 28(12), 43-48, 2004.

(3461) ZHU, X.; YANG, L. Environment quality assessment of the mariculture zone at the Zhelin Bay of Guangdong Province. [In Chinese with English summary]. Marine Science Bulletin/Haiyang Tongbao, 24(1), 87-91, 2005. [Nutrients; eutrophication; petroleum]

(3462) ZURITA, J.L.; JOS, A.; DEL PESO, A.; SALGUERO, M.; LOPEZ-ARTIGUEZ, M.; REPETTO, G. Ecotoxicological evaluation of the antimalarial drug chloroquine. Aquatic Toxicology, 75(2), 97-107, 2005.

Section 6: Biological Wastes

- (3463) ABOUSAMRA, F.; BARIC, A.; CIVILI, F.S. Transboundary Diagnostic Analysis(TDA) for the Mediterranean Sea. xvi,195p. Athens: UNEP/MAP/MED POL, 2005.
- (3464) BOEHM, A.B.; KEYMER, D.P.; SHELLNBARGER, G.G. An analytical model of enterococci inactivation, grazing, and transport in the surf zone of a marine beach. *Water Research*, 39(15), 3565-3578, 2005.
- (3465) BOLOGA, A.S.; COSTACHE, V.P. Improvement of Romanian marine coastal water quality by urban sewage treatment. *Journal of Coastal Research*, 21(5), 977-981, 2005.
- (3466) BURFORD, M.A. Relative uptake of urea and ammonium by dinoflagellates or cyanobacteria in shrimp mesocosms. *Hydrobiologia*, 549, 297-303, 2005.
- (3467) CHANDRAN, A.; HATHA, A.A.M. Relative survival of *Escherichia coli* and *Salmonella typhimurium* in a tropical estuary. *Water Research*, 39(7), 1397-1403, 2005.
- (3468) CHAWLA, R.; REAL, K.; MASTERSON, B. An assessment of the impact of the proposed EU bathing water directive on Irish coastal bathing area compliance. *Water Science and Technology*, 51(3/4), 225-230, 2005.
- (3469) CHIGBU, P.; GORDON, S.; STRANGE, T.R. Fecal coliform bacteria disappearance rates in a north-central Gulf of Mexico estuary. *Estuarine, Coastal and Shelf Science*, 65(1/2), 309-318, 2005.
- (3470) DAVID, L.M.; MATOS, J.S. Wet-weather urban discharges: implications from adopting the revised European Directive concerning the quality of bathing water. *Water Science and Technology*, 51(3), 9-17, 2005.
- (3471) DOLGEN, D. Legal aspects of sea water quality: Turkish and EU directives. *Water Science and Technology*, 51(11), 45-52, 2005.
- (3472) ENGLISH NATURE. Exe Estuary. European marine site. English Nature's advice given under Regulation 33(2) of the Conservation (Natural Habitats &c.) Regulations 1994. 51p. English Nature, 2001.
- (3473) FAN, J.; SONG, L.; ZHANG, X.; LIN, F.; LIANG, Y.; GUAN, D. Distribution of hepatitis a virus and fecal coliform in the coastal area of Liaodong Bay. [In Chinese with English summary]. *Marine Environmental Science/Haiyang Huanjing Kexue*, 23(4), 35-37, 2004.
- (3474) GRANT, J.; CRANFORD, P.; HARGRAVE, B.; CARREAU, M.; SCHOFIELD, B.; ARMSWORTHY, S.; BURDETT-COUTTS, V.; IBARRA, D. A model of aquaculture biodeposition for multiple estuaries and field validation at blue mussel (*Mytilus edulis*) culture sites in eastern Canada. *Canadian Journal of Fisheries and Aquatic Sciences*, 62(6), 1271-1285, 2005.
- (3475) HUGHES, K.A. Effect of Antarctic solar radiation on sewage bacteria viability. *Water Research*, 39(11), 2237-2244, 2005.
- (3476) INOUE, T.; FUKUE, M.; UEHARA, K.; OKI, K. An experimental study on leaching characteristics from dredged sediments. [In Japanese with English summary]. *Journal of the School of Marine Science and Technology*, 3(1), 1-8, 2005. [Cu; Zn; nutrients]
- (3477) KAY, D., ET AL. Decay of intestinal enterococci concentrations in high-energy estuarine and coastal waters: towards real-time T90 values for modelling faecal indicators in recreational waters. *Water Research*, 39(4), 655-667, 2005. [Langland Bay; Porthcawl; Beachley Slip; Weston-Super-Mare; Minehead]

- (3478) KAY, D.; WYER M.D.; CROWTHER, J.; WILKINSON, J.; STAPLETON, C.; GLASS, P. Sustainable reduction in the flux of microbial compliance parameters from urban and arable land use to coastal bathing waters by a wetland ecosystem produced by a marine flood defence structure. *Water Research*, 39(14), 3320-3332, 2005. [Faecal indicator; coliform; enterococci; Clacton]
- (3479) KAY, D.; WYER, M.; CROWTHER, J.; STAPLETON, C.; BRADFORD, M.; MCDONALD, A.; GREAVES, J.; FRANCIS, C.; WATKINS, J. Predicting faecal indicator fluxes using digital land use data in the UK's sentinel Water Framework Directive catchment: the Ribble study. *Water Research*, 39(16), 3967-3981, 2005. [Coliforms; enterococci; *Escherichia coli*; sewage; drainage basin]
- (3480) MAGNI, P.; MICHELETTI, S.; CASU, D.; FLORIS, A.; GIORDANI, G.; PETROV, A.N.; DE FALCO, G.; CASTELLI, A. Relationships between chemical characteristics of sediments and macrofaunal communities in the Cabras lagoon (western Mediterranean, Italy). *Hydrobiologia*, 550, 105-119, 2005.
- (3481) MARION, G.S.; DUNBAR, R.B.; MUCCIARONE, D.A.; KREMER, J.N.; LANSING, J.S.; ARTHAWIGUNA, A. Coral skeletal delta 15N reveals isotopic traces of an agricultural revolution. *Marine Pollution Bulletin*, 50(9), 931-944, 2005. [Nitrogen; fertilizers; wastewater; nutrient loading; sewage]
- (3482) MEKSUMPUN, S.; MEKSUMPUN, C.; HOSHIKA, A.; MISHIMA, Y.; TANIMOTO, T. Stable carbon and nitrogen isotope ratios of sediment in the Gulf of Thailand: evidence for understanding of marine environment. *Continental Shelf Research*, 25(15), 1905-1915, 2005. [Organic matter loading]
- (3483) MUNIZ, P.; PIRES-VANIN, A.M.S. More about taxonomic sufficiency: a case study using polychaete communities in a subtropical bay moderately affected by urban sewage. *Ocean Science Journal*, 40(3), 127-143, 2005. [Cr; Cu; Zn; hydrocarbons; sterols; nitrogen; sulphur; total organic matter; total organic carbon; sewage; runoff]
- (3484) NIZZOLI, D.; WELSH, D.T.; BARTOLI, M.; VIAROLI, P. Impacts of mussel (*Mytilus galloprovincialis*) farming on oxygen consumption and nutrient recycling in a eutrophic coastal lagoon. *Hydrobiologia*, 550, 183-198, 2005.
- (3485) PALACIOS, J.R.; BREMEC, C.S.; RIVERO, M.S.; ELIAS, R. First record of *Parandalia tricuspis* (Muller, 1858) and *Sigambra cf. tentaculata* (Treadwell, 1941) (Pilargidae: Polychaeta) in Argentina. *Revista de Biología Marina y Oceanografía*, 40(1), 71-75, 2005. [Samples from sewage discharge area]
- (3486) PARKHURST, D.F.; BRENNER, K.P.; DUFOUR, A.P.; WYMER, L.J. Indicator bacteria at five swimming beaches - analysis using random forests. *Water Research*, 39(7), 1354-1360, 2005.
- (3487) PITTA, P.; APOSTOLAKI, E.T.; GIANNOULAKI, M.; KARAKASSIS, I. Mesoscale changes in the water column in response to fish farming zones in three coastal areas in the Eastern Mediterranean Sea. *Estuarine, Coastal and Shelf Science*, 65(3), 501-512, 2005. [Nutrients]
- (3488) SANDERS, B.F.; AREGA, F.; SUTULA, M. Modeling the dry-weather tidal cycling of fecal indicator bacteria in surface waters of an intertidal wetland. *Water Research*, 39(14), 3394-3408, 2005. [Enteric bacteria]
- (3489) SCHIJVEN, J.F.; DE RODA HUSMAN, A.M. Effect of climate changes on waterborne disease in The Netherlands. *Water Science and Technology*, 51(5), 79-87, 2005.
- (3490) THIYAGARAJAN, V.; SOO, L.; QIAN, P.-Y. The role of sediment organic matter composition in larval habitat selection by the polychaete *Capitella* sp. I. *Journal of Experimental Marine Biology and Ecology*, 323(1), 70-83, 2005. [Pollutant load; domestic sewage; urban runoff]

- (3491) TUYA, F.; BOYRA, A.; SANCHEZ-JEREZ, P.; HAROUN, R.J. Multivariate analysis of the benthic-demersal ichthyofauna along soft bottoms of the Eastern Atlantic: comparison between unvegetated substrates, seagrass meadows and sandy bottoms beneath sea-cage fish farms. *Marine Biology*, 147(5), 1229-1237, 2005.
- (3492) VEZZULLI, L.; BARTOLI, M.; NIZZOLI, D.; FANCIULLI, G.; VIAROLI, P.; FABIANO, M. Relationships between macroalgal biomass and microbiological quality of water in a phytotreatment pond. *Hydrobiologia*, 550, 211-219, 2005.
- (3493) VIZZINI, S.; SAVONA, B.; CHI, T.D.; MAZZOLA, A. Spatial variability of stable carbon and nitrogen isotope ratios in a Mediterranean coastal lagoon. *Hydrobiologia*, 550, 73-82, 2005. [Wastewater discharge; organic matter; nutrients]
- (3494) WITHER, A., (ET AL). Estimation of diffuse and point source microbial pollution in the Ribble catchment discharging to bathing waters in the north west of England. *Water Science and Technology*, 51(3/4), 191-198, 2005. [Sewage; faecal indicators]
- (3495) WITHER, A.; REHFISCH, M.; AUSTIN, G. The impact of bird populations on the microbiological quality of bathing waters. *Water Science and Technology*, 51(3/4), 199-207, 2005. [Fylde Coast; Blackpool; faecal indicators]
- (3496) WYMER, L.J.; DUFOUR, A.P.; CALDERON, R.L.; WADE, T.J.; BEACH, M. Comment on "Derivation of numerical values for the World Health Organization guidelines for recreational waters". *Water Research*, 39(12), 2774-2777, 2005.
- (3497) YUKSEK, A.; OKUS, E.; YILMAZ, N. Rehabilitation studies and recovery of a once lifeless estuary: the Golden Horn. *Water Science and Technology*, 51(11), 27-35, 2005. [Nutrients; faecal coliforms; biodiversity]
- (3498) ZHANG, Y.; ZHOU, J.L. Removal of estrone and 17 beta-estradiol from water by adsorption. *Water Research*, 39(16), 3991-4003, 2005. [Including effect of salinity; E1; E2]

Section 7: Heat

- (3499) AL-HORANI, F.A. Effects of changing seawater temperature on photosynthesis and calcification in the scleractinian coral *Galaxea fascicularis*, measured with O₂, Ca²⁺ and pH microsensors. *Scientia Marina*, 69(3), 347-354, 2005.
- (3500) BRIAND, C.; FATIN, D.; CICCOTTI, E.; LAMBERT, P. A stage-structured model to predict the effect of temperature and salinity on glass eel *Anguilla anguilla* pigmentation development. *Journal of Fish Biology*, 67(4), 993-1009, 2005.
- (3501) CALCAGNO, J.A.; LOVRICH, G.A.; THATJE, S.; NETTLEMANN, U.; ANGER, K. First year growth in the lithodids *Lithodes santolla* and *Paralomis granulosa* reared at different temperatures. *Journal of Sea Research*, 54(3), 221-230, 2005.
- (3502) EDMUNDS, P.J.; GATES, R.D.; LEGGAT, W.; HOEGH-GULDBERG, O.; ALLEN-REQUA, L. The effect of temperature on the size and population of dinoflagellates in larvae of the reef coral *Porites astreoides*. *Invertebrate Biology*, 124(3), 185-193, 2005.
- (3503) ENGLISH NATURE. Exe Estuary. European marine site. English Nature's advice given under Regulation 33(2) of the Conservation (Natural Habitats &c.) Regulations 1994. 51p. English Nature, 2001.
- (3504) KESER, M.; SWENARTON, J.T.; FOERTCH, J.F. Effects of thermal input and climate change on growth of *Ascophyllum nodosum* (Fucales, Phaeophyceae) in eastern Long Island Sound (USA). *Journal of Sea Research*, 54(3), 211-220, 2005.
- (3505) MAGNI, P.; MICHELETTI, S.; CASU, D.; FLORIS, A.; GIORDANI, G.; PETROV, A.N.; DE FALCO, G.; CASTELLI, A. Relationships between chemical characteristics of sediments and macrofaunal communities in the Cabras lagoon (western Mediterranean, Italy). *Hydrobiologia*, 550, 105-119, 2005.
- (3506) MCNEIL, B.I.; MATEAR, R.J.; BARNES, D.J. Coral reef calcification and climate change: the effect of ocean warming. *Geophysical Research Letters*, 31(22), [np], 2004.
- (3507) NAKAMURA, T.; YAMASAKI, H. Requirement of water-flow for sustainable growth of Pocilloporid corals during high temperature periods. *Marine Pollution Bulletin*, 50(10), 1115-1120, 2005. [Bleaching]
- (3508) TSOI, K.H.; CHIU, K.M.; CHU, K.H. Effects of temperature and salinity on survival and growth of the amphipod *Hyale crassicornis* (Gammaridea, Hyalidae). *Journal of Natural History*, 39(4), 325-336, 2005.
- (3509) TULLIS, A.; BAILLIE, M. The metabolic and biochemical responses of tropical whitespotted bamboo shark *Chiloscyllium plagiosum* to alterations in environmental temperature. *Journal of Fish Biology*, 67(4), 950-968, 2005.

Section 8: Solids

- (3510) ABOUSAMRA, F.; BARIC, A.; CIVILI, F.S. Transboundary Diagnostic Analysis(TDA) for the Mediterranean Sea. xvi,195p. Athens: UNEP/MAP/MED POL, 2005.
- (3511) BATES, Q. Deepwater slaughter. Gillnet soak times counted in months. Fishing News, (4774), 10-11, 2005. [Ghost fishing; west of Ireland and Scotland]
- (3512) CAKMAKCI, M.; ERDIM, E.; KINACI, C.; AKCA, L. Evaluation of sludge management alternatives in Istanbul metropolitan area. Water Science and Technology, 51(11), 121-129, 2005.
- (3513) ENGLISH NATURE. Exe Estuary. European marine site. English Nature's advice given under Regulation 33(2) of the Conservation (Natural Habitats &c.) Regulations 1994. 51p. English Nature, 2001.
- (3514) GRANT, J.; CRANFORD, P.; HARGRAVE, B.; CARREAU, M.; SCHOFIELD, B.; ARMSWORTHY, S.; BURDETT-COUTTS, V.; IBARRA, D. A model of aquaculture biodeposition for multiple estuaries and field validation at blue mussel (*Mytilus edulis*) culture sites in eastern Canada. Canadian Journal of Fisheries and Aquatic Sciences, 62(6), 1271-1285, 2005.
- (3515) MITCHELL, N.C. Channelled erosion through a marine dump site of dredge spoils at the mouth of the Puyallup River, Washington State, USA. Marine Geology, 220(1-4), 131-151, 2005.
- (3516) SOUTH HAMS DISTRICT COUNCIL. Salcombe - Kingsbridge Estuary. Environmental management plan. Background information 2005-2010. First 5 year review. 66p. Totnes: South Hams District Council, 2005. [Eutrophication; nutrient enrichment; oil; litter]
- (3517) WOLANSKI, E.; FABRICIUS, K.; SPAGNOL, S.; BRINKMAN, R. Fine sediment budget on an inner-shelf coral-fringed island, Great Barrier Reef of Australia. Estuarine, Coastal and Shelf Science, 65(1/2), 153-158, 2005. [Including human impact on sediment discharges]

Section 9: Physical Disturbance

- (3518) AGUZZI, J.; CHIESA, J.J.; ABELLO, P.; DIEZ-NOGUERA, A. Temporal modification in cardiac rhythmicity of *Nephrops norvegicus* (Crustacea: Decapoda) in relation to trawl capture stress. *Scientia Marina*, 69(3), 369-374, 2005.
- (3519) AIROLDI, L.; BACCHIOCCHI, F.; CAGLIOLA, C.; BULLERI, F.; ABBIATI, M. Impact of recreational harvesting on assemblages in artificial rocky habitats. *Marine Ecology Progress Series*, 299, 55-66, 2005.
- (3520) BAIRD, R.W.; GORGONE, A.M. False killer whale dorsal fin disfigurements as a possible indicator of long-line fishery interactions in Hawaiian waters. *Pacific Science*, 59(4), 593-601, 2005.
- (3521) DE LA HUZ, R.; LASTRA, M.; JUNOY, J.; CASTELLANOS, C.; VIEITEZ, J.M. Biological impacts of oil pollution and cleaning in the intertidal zone of exposed sandy beaches: preliminary study of the "Prestige" oil spill. *Estuarine, Coastal and Shelf Science*, 65(1/2), 19-29, 2005.
- (3522) DI CARLO, G.; BADALAMENTI, F.; JENSEN, A.C.; KOCH, E.W.; RIGGIO, S. Colonisation process of vegetative fragments of *Posidonia oceanica* (L.) Delile on rubble mounds. *Marine Biology*, 147(6), 1261-1270, 2005. [Restoration]
- (3523) ENGLISH NATURE. Exe Estuary. European marine site. English Nature's advice given under Regulation 33(2) of the Conservation (Natural Habitats &c.) Regulations 1994. 51p. English Nature, 2001.
- (3524) FOLEY, A.M.; SCHROEDER, B.A.; REDLOW, A.E.; FICK-CHILD, K.J.; TEAS, W.G. Fibropapillomatosis in stranded green turtles (*Chelonia mydas*) from the Eastern United States (1980-98); trends and associations with environmental factors. *Journal of Wildlife Diseases*, 41(1), 29-41, 2005.
- (3525) GEBHARDT, A.C.; GAYE-HAAKE, B.; UNGER, D.; LAHAJNAR, N.; ITTEKKOT, V. A contemporary sediment and organic carbon budget for the Kara Sea shelf (Siberia). *Marine Geology*, 220(1-4), 83-100, 2005.
- (3526) GERSTEIN, E.; BLUE, J.; FORSYTHE, S. Ship strike acoustics. *Journal of the Acoustical Society of America*, 117(4,pt 2), p.2526, 2005.
- (3527) GILL, A.B.; KIMBER, J.A. The potential for cooperative management of elasmobranchs and offshore renewable energy development in UK waters. *Journal of the Marine Biological Association of the United Kingdom*, 85(5), 1075-1081, 2005.
- (3528) GOODSELL, P.J.; CONNELL, S.D. Historical configuration of habitat influences the effects of disturbance on mobile invertebrates. *Marine Ecology Progress Series*, 299, 79-87, 2005.
- (3529) HANNAY, D.E.; RACCA, R.G. An integrated acoustic modeling infrastructure for underwater noise impact assessment. *Journal of the Acoustical Society of America*, 117(4 pt 2) p.2578, 2005.
- (3530) MACGILLIVRAY, A.O.; CHAPMAN, N.R.; HANNAY, D.E. An airgun array source signature model for environmental impact assessments. *Journal of the Acoustical Society of America*, 116(4, pt 2), p.2649, 2004.
- (3531) MUNIZ, K.; NETO, B. DE B.; DE MACEDO, S.J.; FILHO, W.C.P. Hydrological impact of the port complex of Suape on the Ipojuca River (Pernambuco-Brazil). *Journal of Coastal Research*, 21(5), 909-914, 2005.
- (3532) PLANES, S.; GALZIN, R.; BABLET, J.-P.; SALE, P.F. Stability of coral reef fish assemblages impacted by nuclear tests. *Ecology*, 86(10), 2578-2585, 2005. [Impacted by shock wave]

- (3533) RODKIN, R.B.; REYFF, J.A. Underwater sound pressures from marine pile driving. *Journal of the Acoustical Society of America*, 116(4, pt 2), p.2648, 2004.
- (3534) TITLYANOV, E.A.; TITLYANOVA, T.V.; YAKOVLEVA, I.M.; NAKANO, Y.; BHAGOOI, R. Regeneration of artificial injuries on scleractinian corals and coral/algal competition for newly formed substrate. *Journal of Experimental Marine Biology and Ecology*, 323(1), 27-42, 2005.
- (3535) VALDIVIA, N.; HEIDEMANN, A.; THIEL, M.; MOLIS, M.; WAHL, M. Effects of disturbance on the diversity of hard-bottom macrobenthic communities on the coast of Chile. *Marine Ecology Progress Series*, 299, 45-54, 2005.
- (3536) WESTCOTT, S.M.; STRINGELL, T.B. Field observations on the disturbance of grey seals in North Wales, 2003. v,44p. Bangor: Countryside Council for Wales, 2005. (CCW Monitoring Report No.15) [Henllwyn Bay; Ynys Enlli/Bardsey]
Available at: http://www.ccw.gov.uk/Images_Client/Reports/Marine.20Monitoring.20Report.2015.pdf.
- (3537) WISSEL, B.; GACE, A.; FRY, B. Tracing river influences on phytoplankton dynamics in two Louisiana estuaries. *Ecology*, 86(10), 2751-2762, 2005. [Nutrients; river diversion]

Section 10: Non-indigenous Species

- (3538) ABOUSAMRA, F.; BARIC, A.; CIVILI, F.S. Transboundary Diagnostic Analysis(TDA) for the Mediterranean Sea. xvi,195p. Athens: UNEP/MAP/MED POL, 2005.
- (3539) ANDALORO, F.; FALAUTANO, M.; SINOPOLI, M.; PASSARELLI, F.M.; PIPITONE, C.; ADDIS, P.; CAU, A.; CASTRIOTA, L. The lesser amberjack *Seriola fasciata* (Perciformes: Carangidae) in the Mediterranean: a recent colonist? *Cybium*, 29(2), 141-145, 2005.
- (3540) BOLTOVSKOY, D.; BORGES, M.; CATALDO, D.; DAMBORENEA, C.; DARRIGRAN, G.; OBENAT, S.; PASTORINO, G.; SCHWINDT, E.; SPIVAK, E.; SYLVESTER, F. Invasores invertebrados exóticos en el Río de la Plata y región marina aledana. 384p. Buenos Aires, Argentina: Eudeba, 2005.
- (3541) BUSCHBAUM, C.; GUTOW, L. Mass occurrence of an introduced crustacean (*Caprella* cf. *mutica*) in the south-eastern North Sea. *Helgoland Marine Research*, 59(3), 252-253, 2005. [List/Sylt; Helgoland]
- (3542) ENGLISH NATURE. Exe Estuary. European marine site. English Nature's advice given under Regulation 33(2) of the Conservation (Natural Habitats &c.) Regulations 1994. 51p. English Nature, 2001.
- (3543) EZHOVA, E.; ZMUDZINSKI, L.; MACIEJEWSKA, K. Long-term trends in the macrozoobenthos of the Vistula Lagoon, southeastern Baltic Sea. Species composition and biomass distribution. *Bulletin of the Sea Fisheries Institute*, 1(164), 55-73, 2005. [Eutrophication; *Marenzelleria* cf. *viridis*]
- (3544) FUNATSU, Y.; NAKATSUBO, T.; YAMAGUCHI, O.; HORIKOSHI, T. Effects of arbuscular mycorrhizae on the establishment of the alien plant *Oenothera laciniata* (Onagraceae) on a Japanese coastal sand dune. *Journal of Coastal Research*, 21(5), 1054-1061, 2005.
- (3545) FUROTA, T. Importance of network system among benthic-animal local populations in bay waters. [In Japanese with English summary]. *Bulletin of Fisheries Research Agency, Supplement 3*, 35-46, 2005. [Pyromania *tuberculata* recolonization; hypoxia]
- (3546) GUNASAKERA, R.M.; PATIL, J.G.; MCENNULTY, F.R.; BAX, N.J. Specific amplification of mt-COI gene of the invasive gastropod *Maoricolpus roseus* in planktonic samples reveals a free-living larval life-history stage. *Marine and Freshwater Research*, 56(6), 901-912, 2005. [Ballast water management]
- (3547) HALL, G.J.; CLOW, K.E.; KENNY, J.E. Estuarial fingerprinting through multidimensional fluorescence and multivariate analysis. *Environmental Science and Technology*, 39(19), 7560-7567, 2005. [Prevention of introduction of aquatic nuisance species (ANS); ballast water exchange regulations]
- (3548) JOHNS, D.G.; EDWARDS, M.; GREVE, W.; SJOHN, A.W.G. Increasing prevalence of the marine cladoceran *Penilia avirostris* (Dana, 1852) in the North Sea. *Helgoland Marine Research*, 59(3), 214-218, 2005.
- (3549) JORGENSEN, L.L.; MANUSHIN, I.; SUNDET, J.H.; BIRKELY, S.-R. The intentional introduction of the marine red king crab *Paralithodes camtschaticus* into the Southern Barents Sea. *ICES Cooperative Research Report*, 277, 21p., 2005.
- (3550) MERLE, D.; FLIPPOZZI, D. First record of *Trunculariopsis trunculus* (Linnaeus, 1758) (Mollusca: Gastropoda) from the basin of Arcachon (Gironde): the second exotic muricid on the French Atlantic coast. *Cahiers de Biologie Marine*, 46(3), 299-303, 2005.
- (3551) MINIZ, P.; CLEMENTE, J.; BRUGNOLI, E. Benthic invasive pests in Uruguay: a new problem or an old one recently perceived? *Marine Pollution Bulletin*, 50(9), 1014-1018, 2005.

- (3552) RUITTON, S.; JAVEL, F.; CULIOLI, J.-M.; MEINESZ, A.; PERGENT, G.; VERLAQUE, M. First assessment of the *Caulerpa racemosa* (Caulerpales, Chlorophyta) invasion along the French Mediterranean coast. *Marine Pollution Bulletin*, 50(10), 1061-1068, 2005.
- (3553) SANCHEZ, I.; FERNANDEZ, C. Impact of the invasive seaweed *Sargassum muticum* (Phaeophyta) on an intertidal macroalgal assemblage. *Journal of Phycology*, 41(5), 923-930, 2005.
- (3554) SANCHEZ, I.; FERNANDEZ, C.; ARRONTEZ, J. Long-term changes in the structure of intertidal assemblages after invasion by *Sargassum muticum* (Phaeophyta). *Journal of Phycology*, 41(5), 942-949, 2005.
- (3555) SANO, L.L.; BARTELL, S.M.; LANDRUM, P.F. Decay model for biocide treatment of unballasted vessels: application for the Laurentian Great Lakes. *Marine Pollution Bulletin*, 50(10), 1050-1060, 2005.
- (3556) SOTO, K.; DURAN, R.; KUZNAR, J. Rapid examination of microorganisms in ballast waters. *Revista de Biología Marina y Oceanografía*, 40(1), 77-82, 2005.
- (3557) SOUISSI, J.B.; GOLANI, D.; MEJRI, H.; CAPAPE, C. On the occurrence of *Cheilopogon furcatus* in the Mediterranean Sea. *Journal of Fish Biology*, 67(4), 1144-1149, 2005.
- (3558) SOUTH HAMS DISTRICT COUNCIL. Salcombe - Kingsbridge Estuary. Environmental management plan. Background information 2005-2010. First 5 year review. 66p. Totnes: South Hams District Council, 2005. [Eutrophication; nutrient enrichment; oil; litter]
- (3559) VACCARO, A.M.; PIPITONE, C. First record of *Pachygrapsus transversus* (Gibbes, 1850) (Brachyura, Grapsidae) in Italian waters. *Crustaceana*, 78(6), 677-683, 2005.