

ISSN 1742-7614 (online)

Marine Pollution Research Titles

Vol. 33 No. 7 July 2006

Marine Pollution Research Titles

CONTENTS

General	1
Petroleum Hydrocarbons	5
Metals	8
Radioactivity	14
Other Chemicals	15
Biological Wastes	23
Heat	25
Solids	26
Physical Disturbance	28
Non-indigenous Species	29

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

Subscription

Volume 33: January - December 2006:
£120 (US \$230) Available online

Marine Pollution Research Titles

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

Section 1 : General

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

Section 2 : Petroleum Hydrocarbons

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

Section 3 : Metals

Includes the detection, analysis, modelling, levels, effects and removal, etc.

Section 4 : Radioactivity

Includes the detection, analysis, modelling, levels, effects and removal, etc.

Section 5 : Other Chemicals

Includes the detection, analysis, modelling, levels, effects and removal, etc. Pollutants include pesticides, PCBs, halogenated hydrocarbons, phthalates etc.

Section 6 : Biological Wastes

Includes the detection, analysis, modelling, levels, effects and removal, etc. Pollutants include sewage, pulp and paper, and food processing

Section 7 : Heat

Includes the detection, analysis, modelling, and effects etc.

Section 8 : Solids

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

Section 9 : Physical Disturbance

Includes the detection, analysis, modelling, effects and recovery, etc

Section 10: Non-indigenous Species

Includes records, environmental impact etc.

Marine Pollution Information Centre

Scope

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

Services

The Centre provides a number of services to its users:

Abstracting and Indexing

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

Contracts

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

Enquiries

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

Reference Collection

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

Further Information

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

Telephone: 01752 633266
Fax: 01752 633102
Email nmb1@pml.ac.uk
Web <http://www.mba.ac.uk/nmb1/>

Section 1: General

- (1976) AL-ROUSAN, S.A.; RASHEED, M.Y.; KHALAF, M.A.; BADRAN, M.I. Ecological and geochemical characteristics of bottom habitats at the northern Jordanian coast of the Gulf of Aqaba. *Chemistry and Ecology*, 21(4), 227-239, 2005. [Construction work; dredging; tourism]
- (1977) APAYDIN, H.; ANLI, A.P.; OZTURK, A. The temporal transferability of calibrated parameters of a hydrological model. *Ecological Modelling*, 195(3/4), 307-317, 2006. [SLURP; runoff]
- (1978) CAMPBELL, M.L.; HEWITT, C.L. A hierarchical framework to aid biodiversity assessment for coastal zone management and marine protected area selection. *Ocean and Coastal Management*, 49(3/4), 133-146, 2006.
- (1979) DADSWELL, M.J. A review of the status of Atlantic sturgeon in Canada, with comparisons to populations in the United States and Europe. *Fisheries. Bulletin of the American Fisheries Society*, 31(5), 218-229, 2006.
- (1980) DAHMS, H.-U.; LI, X.; ZHANG, G.; QIAN, P.-Y. Resting stages of *Tortanus forcipatus* (Crustacea, Calanoida) in sediments of Victoria Harbor, Hong Kong. *Estuarine, Coastal and Shelf Science*, 67(4), 562-568, 2006. [Biomarker for ceased water pollution]
- (1981) DEMPSTER, T.; SANCHEZ-JEREZ, P.; TUYA, F.; FERNANDEZ-JOVER, D.; BAYLE-SEMPERE, J.; BOYRA, A.; HAROUN, R. Coastal aquaculture and conservation can work together. *Marine Ecology Progress Series*, 314, 309-310, 2006.
- (1982) DIZON, R.T.; YAP, H.T. Understanding coral reefs as complex systems: degradation and prospects for recovery. *Scientia Marina*, 70(2), 219-226, 2006.
- (1983) DONDERO, F.; DAGNINO, A.; JONSSON, H.; CAPRI, F.; GASTALDI, L.; VIARENGO, A. Assessing the occurrence of a stress syndrome in mussels (*Mytilus edulis*) using a combined biomarker/gene expression approach. *Aquatic Toxicology*, 78(Supplement 1), S13-S24, 2006. [Cu pollution gradient]
- (1984) DU BOIS, P.B.; DUMAS, F. Fast hydrodynamic model for medium-and long-term dispersion in seawater in the English Channel and southern North Sea, qualitative and quantitative validation by radionuclide tracers. *Ocean Modelling*, 9(2), 169-210, 2005.
- (1985) DURRELL, S.E.A.Y. A strategy for baseline monitoring of estuary Special Protection Areas. *Biological Conservation*, 121(2), 289-301, 2005. [Exe estuary]
- (1986) ELLIOTT, M.; BOYES, S.J.; BURDON, D. Integrated marine management and administration for an island state - the case for a new Marine Agency for the UK. *Marine Pollution Bulletin*, 52(5), 469-474, 2006.
- (1987) FERAL, J.-P.; FOURT, M.; PEREZ, T.; WARWICK, R.M.; EMBLOW, C.; HEIP, C.; VAN AVESAATH, P.; HUMMEL, H. European marine biodiversity indicators. 136p. Yerseke, the Netherlands: NIOO-CEME, 2003. (Contract number:EVR1-CT2000-20002)
- (1988) GASS, S.E.; ROBERTS, J.M. The occurrence of the cold-water coral *Lophelia pertusa* (Scleractinia) on oil and gas platforms in the North Sea: colony growth, recruitment and environmental controls on distribution. *Marine Pollution Bulletin*, 52(5), 549-559, 2006.
- (1989) GORINSTEIN, S.; MONCHEVA, S.; TOLEDO, F.; ARANCINIA-AVILA, P.; TRAKHTENBERG, S.; GORINSTEIN, A.; GOSHEV, I.; NAMIESNIK, J. Relationship between seawater pollution and qualitative changes in the extracted proteins from mussels *Mytilus galloprovincialis*. *Science of the Total Environment*, 364(1-3), 251-259, 2006. [Polluted and non-polluted sites; Cu; Zn]

- (1990) HOLGUIN, G.; GONZALEZ-ZAMORANO, P.; DE-BASHAN, L.E.; MENDOZA, R.; AMADOR, E.; BASHAN, Y. Mangrove health in an arid environment encroached by urban development - a case study. *Science of the Total Environment*, 363(1-3), 260-274, 2006.
- (1991) JENSEN, L.K.; CARROLL, J.; PEDERSEN, G.; HYLLAND, K.; DAHLE, S.; BAKKE, T. A multi-generation *Calanus finmarchicus* culturing system for use in long-term oil exposure experiments. *Journal of Experimental Marine Biology and Ecology*, 333(1), 71-78, 2006.
- (1992) JESSOP, R.W.; GRAVES, K.M. Research Report. Eastern Sea Fisheries District. 172p. King's Lynn: Eastern Sea Fisheries Joint Committee, 2005. [Wash mussel stocks; Wash cockle stocks; lobster stocks; roxann; oyster research; E.coli; faecal coliforms]
- (1993) JOHANSEN, J.L.; HERBERT, N.A.; STEFFENSEN, J.F. The behavioural and physiological response of Atlantic cod *Gadus morhua* L. to short-term acute hypoxia. *Journal of Fish Biology*, 68(6), 1918-1924, 2006.
- (1994) KALANTZI, I.; KARAKASSIS, I. Benthic impacts of fish farming: meta-analysis of community and geochemical data. *Marine Pollution Bulletin*, 52(5), 484-493, 2006. [Review]
- (1995) KIRBY, R.; HENDERSON, P.A.; WARWICK, R.M. The Severn, UK: why is the estuary different? *Journal of Marine Science and Environment*, C2, 3-17, 2004.
- (1996) KRUITWAGEN, G.; HECHT, T.; PRATAP, H.B.; WENDELAAR BONGA, S.E. Changes in morphology and growth of the mudskipper (*Periophthalmus argentilineatus*) associated with coastal pollution. *Marine Biology*, 149(2), 201-211, 2006.
- (1997) LAM, K.; SHIN, P.K.S.; BRADBEER, R.; RANDALL, D.; KU, K.K.K.; HODGSON, P.; CHEUNG, S.G. A comparison of video and point intercept transect methods for monitoring subtropical coral communities. *Journal of Experimental Marine Biology and Ecology*, 333(1), 115-128, 2006.
- (1998) LIBRALATO, S.; CHRISTENSEN, V.; PAULY, D. A method for identifying keystone species in food web models. *Ecological Modelling*, 195(3/4), 153-171, 2006.
- (1999) MASSOUD, M.A.; EL-FADEL, M.; SCRIMSHAW, M.D.; LESTER, J.N. Factors influencing development of management strategies for the Abou Ali River in Lebanon. I: spatial variation and land use. *Science of the Total Environment*, 362(1-3), 15-30, 2006. [BOD; COD; nutrients; coliforms]
- (2000) MASSOUD, M.A.; EL-FADEL, M.; SCRIMSHAW, M.D.; LESTER, J.N. Factors influencing development of management strategies for the Abou Ali River in Lebanon II: seasonal and annual variation. *Science of the Total Environment*, 362(1-3), 31-41, 2006. [BOD; COD; nutrients; solids]
- (2001) MEYBECK, M.; DURR, H.H.; VOROSMARTY, C.J. Global coastal segmentation and its river catchment contributors: a new look at land-ocean linkage. *Global Biogeochemical Cycles*, 20(1), GB1S90, 2006.
- (2002) MOREIRA, S.M.; LIMA, I.; RIBEIRO, R.; GUILHERMINO, L. Effects of estuarine sediment contamination on feeding and on key physiological functions of the polychaete *Hediste diversicolor*: laboratory and in situ assays. *Aquatic Toxicology*, 78(2), 186-201, 2006. [As; Cd; Cr; Cu; Hg; Pb; Zn]
- (2003) MORGAN, S.G.; SPILSETH, S.A.; PAGE, H.M.; BROOKS, A.J.; GROSHOLZ, E.D. Spatial and temporal movement of the lined shore crab *Pachygrapsus crassipes* in salt marshes and its utility as an indicator of habitat condition. *Marine Ecology Progress Series*, 314, 271-281, 2006.

- (2004) NADON, M.-O.; STIRLING, G. Field and simulation analyses of visual methods for sampling coral cover. *Coral Reefs*, 25(2), 177-185, 2006.
- (2005) O'BOYLE, R.; JAMIESON, G. Observations on the implementation of ecosystem-based management: experiences on Canada's east and west coasts. *Fisheries Research*, 79(1/2), 1-12, 2006.
- (2006) PAYET, R. Decision processes for large marine ecosystems management and policy. *Ocean and Coastal Management*, 49(3/4), 110-132, 2006. [Including pollution and ecosystem health]
- (2007) PECHENIK, J.A. Larval experience and latent effects - metamorphosis is not a new beginning. *Integrative and Comparative Biology*, 46(3), 323-333, 2006.
- (2008) PERGENT, G.; PASQUALINI, V.; PERGENT-MARTINI, C.; FERRAT, L.; FERNANDEZ, C. Variability of *Ruppia cirrhosa* in two coastal lagoons with differing anthropogenic stresses. *Botanica Marina*, 49(2), 103-110, 2006. [Eutrophication; nutrients]
- (2009) SACAN, M.T.; BALCIOGLU, I.A. A case study on algal response to raw and treated effluents from an aluminium plating plant and a pharmaceutical plant. *Ecotoxicology and Environmental Safety*, 64(2), 234-243, 2006.
- (2010) SAWADA, Y.; HATTORI, M.; ITEYA, M.; TAKAGI, Y.; URA, K.; SEOKA, M.; KATO, K.; KURATA, M.; MITATAKE, H.; KATAYAMA, S.; KUMAI, H. Induction of centrum defects in amberjack *Seriola dumerili* by exposure of embryos to hypoxia. *Fisheries Science*, 72(2), 364-372, 2006.
- (2011) SERIO, D.; ALONGI, G.; CATRA, M.; CORMACI, M.; FURNARI, G. Changes in the benthic algal flora of Linosa Island (Straits of Sicily, Mediterranean Sea). *Botanica Marina*, 49(2), 135-144, 2006.
- (2012) SHERMAN, K.; CELONE, P.; ADAMS, S. NOAA Fisheries Service's large marine ecosystems program: status report. NOAA Technical Memorandum NMFS-NE, (183), iv, 21p., 2004. [Including pollution and ecosystem health; eutrophication; nutrient loading]
- (2013) TYMOFEYEV, V.A. Estimation of effect of seawater pollution on morphology parameters of bivalvia. [In Russian with English summary]. *Ekologija Moria*, 68, 88-92, 2005.
- (2014) VASCONCELOS, D.M.; SANTOS, P.J.P.; TRINDADE, R.L. Distribuicao espacial da meiofauna no estuario do Rio Formoso, Pernambuco, Brazil. *Atlantica*, 26(1), 45-54, 2004.
- (2015) WANG, Z.-H.; CHEN, J.-F.; XU, N.; QI, Y.-Z. Dynamics on cell densities of diatom, dinoflagellate and relationship with environmental factors in Aotou area, Daya Bay, South China Sea. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 36(2), 186-192, 2005.
- (2016) WARWICK, R.M.; EMBLOW, C.; FERAL, J.-P.; HUMMEL, H.; VAN AVESAATH, P.; HEIP, C. European marine biodiversity research sites. Report of the European concerted action: BIOMARE. Implementation and networking of large scale, long term marine biodiversity research in Europe. 135p. Yerseke, the Netherlands: NIOO-CEME, 2003.
- (2017) WEBSTER, N.S.; NEGRI, A.P. Site-specific variation in Antarctic marine biofilms established on artificial surfaces. *Environmental Microbiology*, 8(7), 1177-11190, 2006. [3 contaminated sites; anthropogenic impact]

(2018) YULIANTRI, A.R.; MOKA, W.; JOMPA, J.; LITAAY, M. The successful transplantation of *Acropora microphthalma* at Barrang Lompo reef edge, South Sulawesi. *Marine Research in Indonesia*, 30, 21-25, 2006. [Restoration]

(2019) ZHANG, F.; YANG, B.; ZHANG, G.-T. Ecology of medusae in Jiaozhou Bay. II. Spatial and temporal distribution of dominant species. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 36(6), 518-526, 2005. [Anthropogenic impact]

Section 2: Petroleum Hydrocarbons

- (2020) BARSJENE, J.; DEDONYTE, V.; RYBAKOVAS, A.; ANDREIKENAITE, L.; ANDERSEN, O.K. Investigation of micronuclei and other nuclear abnormalities in peripheral blood and kidney of marine fish treated with crude oil. *Aquatic Toxicology*, 78(Supplement 1), S99-S104, 2006. [Genotoxicity]
- (2021) BODE, A.; GONZALEZ, N.; LORENZO, J.; VALENCIA, J.; VARELA, M.M.; VARELA, M. Enhanced bacterioplankton activity after the 'Prestige' oil spill off Galicia, NW Spain. *Aquatic Microbial Ecology*, 43(1), 33-41, 2006.
- (2022) BOLOGNESI, C.; PERRONE, E.; ROGGIERI, P.; PAMPANIN, D.M.; SCIUTTO, A. Assessment of micronuclei induction in peripheral erythrocytes of fish exposed to xenobiotics under controlled conditions. *Aquatic Toxicology*, 78(Supplement 1), S93-S98, 2006. [North Sea oil; dialkyl phthalate; bisphenol A; tetrabromodiphenyl ether; nonylphenol; alkylphenol]
- (2023) BOULOUBASSI, I.; MEJANELLE, L.; PETE, R.; FILLAUX, J.; LORRE, A.; POINT, V. PAH transport by sinking particles in the open Mediterranean Sea: a 1 year sediment trap study. *Marine Pollution Bulletin*, 52(5), 560-571, 2006.
- (2024) BURLANDO, B.; BERTI, E.; VIARENGO, A. Effects of seawater pollutants on protein tyrosine phosphorylation in mussel tissues. *Aquatic Toxicology*, 78(Supplement 1), S79-S85, 2006. [Bisphenol A; dialkyl phthalate; tetrabromodiphenylether-47; North Sea oil; PAH; Cu]
- (2025) CAJARAVILLE, M.P.; ORTIZ-ZARRAGOITIA, M. Specificity of the peroxisome proliferation response in mussels exposed to environmental pollutants. *Aquatic Toxicology*, 78(Supplement 1), S117-S123, 2006. [North Sea crude oil; PAHs; alkylphenols; dialkyl phthalate; bisphenol A; tetrabromodiphenylether; Cu mine gradient]
- (2026) ESTEVES, J.L.; COMMENDATORE, M.G.; NIEVAS, M.L.; PALETTO, V.M.; AMIN, O. Hydrocarbon pollution in coastal sediments of Tierra del Fuego Islands, Patagonia Argentina. *Marine Pollution Bulletin*, 52(5), 582-590, 2006.
- (2027) GOMIERO, A.; PAMPANIN, D.M.; BJORNSTAD, A.; LARSEN, B.K.; PROVAN, F.; LYG, E.; ANDERSEN, O.K. An ecotoxicoproteomic approach (SELDI-TOF mass spectrometry) to biomarker discovery in crab exposed to pollutants under laboratory conditions. *Aquatic Toxicology*, 78(Supplement 1), S34-S41, 2006. [Alkylphenol; dialkyl phthalate; nonylphenol; bisphenol A; crude oil; flame retardants]
- (2028) HELLOU, J.; LEONARD, J.; COLLIER, T.K.; ARIESE, F. Assessing PAH exposure in feral finfish from the Northwest Atlantic. *Marine Pollution Bulletin*, 52(4), 433-441, 2006.
- (2029) JENSEN, L.K.; CARROLL, J.; PEDERSEN, G.; HYLLAND, K.; DAHLE, S.; BAKKE, T. A multi-generation *Calanus finmarchicus* culturing system for use in long-term oil exposure experiments. *Journal of Experimental Marine Biology and Ecology*, 333(1), 71-78, 2006.
- (2030) JONSSON, H.; SCHIEDEK, D.; GOKSOYR, A.; GROSVIK, B.E. Expression of cytoskeletal proteins, cross-reacting with anti-CYP1A, in *Mytilus* sp. exposed to organic contaminants. *Aquatic Toxicology*, 78(Supplement 1), S42-S48, 2006. [North Sea crude oil; alkylphenols; PAHs; bisphenol A; dialkylphthalate; 2,2',4,4'-tetrabromodiphenyl ether; flame retardants]
- (2031) JONSSON, H.; SCHIEDEK, D.; GROSVIK, B.E.; GOKSOYR, A. Protein responses in blue mussels (*Mytilus edulis*) exposed to organic pollutants: a combined CYP-antibody/proteomic approach. *Aquatic Toxicology*, 78(Supplement 1), S49-S56, 2006. [Alkylphenols; dialkyl phthalate; crude oil; PAHs; bisphenol A; BDE-47; tetrabromodiphenyl ether]

- (2032) LAVADO, R.; JANER, G.; PORTE, C. Steroid levels and steroid metabolism in the mussel *Mytilus edulis*: the modulating effect of dispersed crude oil and alkylphenols. *Aquatic Toxicology*, 78(Supplement 1), S65-S72, 2006. [North Sea crude oil; PAHs]
- (2033) LOWE, D.M.; MOORE, M.N.; READMAN, J.W. Pathological reactions and recovery of hepatopancreatic digestive cells from the marine snail *Littorina littorea* following exposure to a polycyclic aromatic hydrocarbon. *Marine Environmental Research*, 61(5), 457-470, 2006. [PAHs; fluoranthene]
- (2034) MARTIN-SKILTON, R.; THIBAUT, R.; PORTE, C. Endocrine alteration in juvenile cod and turbot exposed to dispersed crude oil and alkylphenols. *Aquatic Toxicology*, 78(Supplement 1), S57-S64, 2006. [North Sea crude oil; alkylphenols; nonylphenol]
- (2035) OSUJI, L.C.; EGBUSON, E.J.; OJINNAKA, C.M. Chemical reclamation of crude-oil-inundated soils from Niger Delta, Nigeria. *Chemistry and Ecology*, 21(1), 1-10, 2006. [Oil spills; NPK fertiliser]
- (2036) PAGE, D.S.; BROWN, J.S.; BOEHM, P.D.; BENCE, A.E.; NEFF, J.M. A hierarchical approach measures the aerial extent and concentration levels of PAH-contaminated shoreline sediments at historic industrial sites in Prince William Sound, Alaska. *Marine Pollution Bulletin*, 52(4), 367-379, 2006. [Exxon Valdez]
- (2037) PAMPANIN, D.M.; ANDERSEN, O.K.; VIAENGO, A., (EDITORS). The Stavanger Workshop. Biological Effects of Environmental Pollution (BEEP) in marine coastal ecosystem. The Stavanger mesocosm exposure studies. *Aquatic Toxicology*, 78(Supplement 1), S1-S128, 2006.
- (2038) PAMPANIN, D.M.; ANDERSEN, O.K.; VIARENGO, A.; GARRIGUES, P. Background for the BEEP Stavanger workshops: biological effects on marine organisms in two common, large, laboratory experiments and in a field study. Comparison of the value (sensitivity, specificity, etc.) of core and new biomarkers. *Aquatic Toxicology*, 78(Supplement 1), S1-S4, 2006.
- (2039) PAMPANIN, D.M.; VIARENGO, A.; GARRIGUES, P.; ANDERSEN, O.K. An overview of the BEEP Stavanger workshop. *Aquatic Toxicology*, 78(Supplement 1), S124-S126, 2006. [Bisphenol A; diallyl phthalate; PBDE; PAH; alkyl phenols]
- (2040) ROBBE, N.; ZIELINSKI, O. Airborne remote sensing of oil spills - analysis and fusion of multi-spectral near-range data. *Journal of Marine Science and Environment*, C2, 19-27, 2004.
- (2041) RUBTSOVA, S.I. Estimation of bacterial selfcleaning of waters from petroleum in breakers zone of Sevastopol (the Black Sea). [In Russian with English summary]. *Ekologiya Morya*, 64, 95-98, 2003.
- (2042) RUBTSOVA, S.I. Assimilating ability of the Sevastopol Bays to the oil hydrocarbons. [In Russian with English summary]. *Ekologiya Moria*, 68, 83-87, 2005.
- (2043) SAID, T.O.; EL AGROUDY, N.A. Assessment of PAHs in water and fish tissues from Great Bitter and El Tamsah lakes, Suez Canal, as chemical markers of pollution sources. *Chemistry and Ecology*, 22(2), 159-173, 2006.
- (2044) SATHER, P.J.; IKONOMOU, M.G.; HAYA, K. Occurrence of persistent organic pollutants in sediments collected near fish farm sites. *Aquaculture*, 254(1-4), 234-247, 2006. [PAHs; PBDEs; PCBs; PCDDs; PCDFs; pesticides; anoxia; hypoxia]

- (2045) SCHLEZINGER, J.J.; STRUNTZ, W.D.J.; GOLDSTONE, J.V.; STEGEMAN, J.J. Uncoupling of cytochrome P450 1A and stimulation of reactive oxygen species production by co-planar polychlorinated biphenyl congeners. *Aquatic Toxicology*, 77(4), 422-432, 2006. [Acetone; benzo(a)pyrene; PCB-52; PCB-77; PCB-105; PCB-126; PCB-169]
- (2046) SHAILAJA, M.S.; RAJAMANICKAM, R.; WAHIDULLA, S. Increased formation of carcinogenic PAH metabolites in fish promoted by nitrite. *Environmental Pollution*, 143(1), 174-177, 2006. [Benzo(a)pyrene; refinery effluent; distillery effluent]
- (2047) STURVE, J.; HASSELBERG, L.; FALTH, H.; CELANDER, M.; FORLIN, L. Effects of North Sea oil and alkylphenols on biomarker responses in juvenile Atlantic cod (*Gadus morhua*). *Aquatic Toxicology*, 78(Supplement 1), S73-S78, 2006. [PAHs; nonylphenol]
- (2048) SUNDT, R.C.; PAMPANIN, D.M.; LARSEN, B.K.; BREDE, C.; HERZKE, D.; BJORNSTAD, A.; ANDERSEN, O.K. The BEEP Stavanger Workshop: mesocosm exposures. *Aquatic Toxicology*, 78(Supplement 1), S5-S12, 2006. [Bisphenol A; crude oil; diallyl phthalate; PBDE; plasticizer]
- (2049) THIELTGES, D.W.; HUSSEL, B.; BEAKGAARD, H. Endoparasites in common eiders *Somateria mollissima* from birds killed by an oil spill in the northern Wadden Sea. *Journal of Sea Research*, 55(4), 301-308, 2006.
- (2050) VALAVANIDIS, A.; VLAHOGIANNI, T.; DASSENAKIS, M.; SCULLOS, M. Molecular biomarkers of oxidative stress in aquatic organisms in relation to toxic environmental pollutants. *Ecotoxicology and Environmental Safety*, 64(2), 178-189, 2006. [Review]
- (2051) WANG, X.; WANG, W.-X. Bioaccumulation and transfer of benzo(a)pyrene in a simplified marine food chain. *Marine Ecology Progress Series*, 312, 101-111, 2006.

Section 3: Metals

(2052) AYYAMPERUMAL, T.; JONATHAN, M.P.; SRINIVASALU, S.; ARMSTRONG-ALTRIN, J.S.; RAM-MOHAN, V. Assessment of acid leachable trace metals in sediment cores from River Uppanar, Cuddalore, Southeast coast of India. *Environmental Pollution*, 143(1), 34-45, 2006. [Cd; Co; Cr; Cu; Fe; Mn; Ni; Pb; Zn]

(2053) BAUDRIMONT, M.; DE MONTAUDOUIN, X.; PALVADEAU, A. Impact of digenean parasite infection on metallothionein synthesis by the cockle (*Cerastoderma edule*): a multivariate field monitoring. *Marine Pollution Bulletin*, 52(5), 494-502, 2006. [Cd; Cu; Hg; Pb; Zn]

(2054) BENET-MONICO, A.; CORNELL, S.; CHATTERTON, P.; WILSON, L. Water quality of the Madang Lagoon, Papua New Guinea: a status report. *Marine Pollution Bulletin*, 52(4), 458-465, 2006. [Faecal coliforms; BOD; As; Cd; Cu; Hg; Pb]

(2055) BLINDA, M.; SABHI, Y.; EL QUESSAR, S.; FEKHAOU, M.; AIT BRAHIM, L. Dynamics of heavy-metal transfer between biotic (*Cytheria chione* and *Cerastoderma edule*) and abiotic (water and sediment) components in marine environment (Bay of Martil, Moroccan Mediterranean coast). *Chemistry and Ecology*, 21(4), 279-301, 2005. [Cd; Cr; Cu; Hg; Ni; Pb; Ti; Zn]

(2056) BOLAM, S.G.; REES, H.L.; SOMERFIELD, P.; SMITH, R.; CLARKE, K.R.; WARWICK, R.M.; ATKINS, M.; GARNACHO, E. Ecological consequences of dredged material disposal in the marine environment: a holistic assessment of activities around the England and Wales coastline. *Marine Pollution Bulletin*, 52(4), 415-426, 2006. [Barrow-in-Furness; Cardiff; Falmouth; Humber; Nab Tower; Lune Deep; Rame Head; Roughs Tower; South Falls; South Tyne; North Shotley; Swansea; Titchmarsh Marina; North Tyne; Tees; Westwick Marina; Hg]

(2057) BONE, S.E.; GONNEEA, M.E.; CHARETTE, M.A. Geochemical cycling of arsenic in a coastal aquifer. *Environmental Science and Technology*, 40(10), 3273-3278, 2006.

(2058) BORJA, A.; MUXIKA, I.; FRANCO, J. Long-term recovery of soft-bottom benthos following urban and industrial sewage treatment in the Nervion estuary (southern Bay of Biscay). *Marine Ecology Progress Series*, 313, 43-55, 2006. [Dissolved oxygen; redox potential; organic matter; Cd; Cr; Cu; Hg; Pb; Zn; AMBI]

(2059) BOUILLY, K.; GAGNAIRE, B.; BONNARD, M.; THOMAS-GUYON, H.; RENAULT, T.; MIRAMAND, P.; LAPEGUE, S. Effects of cadmium on aneuploidy and hemocyte parameters in the Pacific oyster, *Crassostrea gigas*. *Aquatic Toxicology*, 78(2), 149-156, 2006. [Cd]

(2060) BRAGIGAND, V.; BERTHET, B.; AMIARD, J.C.; RAINBOW, P.S. Estimates of trace metal bioavailability to humans ingesting contaminated oysters. *Food and Chemical Toxicology*, 42(11), 1893-1902, 2004. [Ag; Cd; Cu; Zn]

(2061) BU-OLAYAN, A.H.; THOMAS, B.V. Toxicity and bioaccumulation of heavy metals in mullet fish *Liza klunzingeri* (Mugilidae; Perciformes). *Chemistry and Ecology*, 21(3), 191-197, 2006. [Cu; Fe; Ni; Pb; V]

(2062) BUGGY, C.J.; TOBIN, J.M. Seasonal and spatial distributions of tributyltin in surface sediment of the Tolka Estuary, Dublin, Ireland. *Environmental Pollution*, 143(2), 294-303, 2006. [TBT]

(2063) BURLANDO, B.; BERTI, E.; VIARENGO, A. Effects of seawater pollutants on protein tyrosine phosphorylation in mussel tissues. *Aquatic Toxicology*, 78(Supplement 1), S79-S85, 2006. [Bisphenol A; diallyl phthalate; tetrabromodiphenylether-47; North Sea oil; PAH; Cu]

- (2064) CAJARAVILLE, M.P.; ORTIZ-ZARRAGOITIA, M. Specificity of the peroxisome proliferation response in mussels exposed to environmental pollutants. *Aquatic Toxicology*, 78(Supplement 1), S117-S123, 2006. [North Sea crude oil; PAHs; alkylphenols; diallyl phthalate; bisphenol A; tetrabromodiphenylether; Cu mine gradient]
- (2065) COBELO-GARCIA, A.; MILLWARD, G.E.; PREGO, R.; LUKASHIN, V. Metal concentrations in Kandalaksha Bay, White Sea (Russia) following the spring snowmelt. *Environmental Pollution*, 143(1), 89-99, 2006. [Cd; Cu; Pb; Zn]
- (2066) DALTO, A.G.; GREMARE, A.; DINET, A.; FICHET, D. Muddy-bottom meiofauna responses to metal concentrations and organic enrichment in New Caledonia South-West Lagoon. *Estuarine, Coastal and Shelf Science*, 67(4), 629-644, 2006. [Co; Cr; Cu; Mn; Ni; Pb; Zn]
- (2067) DEBRUYN, A.M.H.; TRUDEL, M.; EYDING, N.; HARDING, J.; MCNALLY, H.; MOUNTAIN, R.; ORR, C.; URBAN, D.; VERENITCH, S.; MAZUMDER, A. Ecosystematic effects of salmon farming increase mercury contamination in wild fish. *Environmental Science and Technology*, 40(11), 3489-3493, 2006. [Hg]
- (2068) DEHN, L.A.; FOLLMANN, E.H.; THOMAS, D.L.; SHEFFIELD, G.G.; ROSA, C.; DUFFY, L.K.; O'HARA, T.M. Trophic relationships in an Arctic food web and implications for trace metal transfer. *Science of the Total Environment*, 362(1-3), 103-123, 2006. [Ag; Cd; Hg]
- (2069) DOBLIN, M.A.; BAINES, S.B.; CUTTER, L.S.; CUTTER, G.A. Sources and biogeochemical cycling of particulate selenium in the San Francisco Bay estuary. *Estuarine, Coastal and Shelf Science*, 67(4), 681-694, 2006.
- (2070) DONDERO, F.; DAGNINO, A.; JONSSON, H.; CAPRI, F.; GASTALDI, L.; VIARENGO, A. Assessing the occurrence of a stress syndrome in mussels (*Mytilus edulis*) using a combined biomarker/gene expression approach. *Aquatic Toxicology*, 78(Supplement 1), S13-S24, 2006. [Cu pollution gradient]
- (2071) DUQUESNE, S.; NEWTON, L.C.; GIUSTI, L.; MARRIOTT, S.B.; STARK, H.-J.; BIRD, D.J. Evidence for declining levels of heavy-metals in the Severn Estuary and Bristol Channel, UK and their spatial distribution in sediments. *Environmental Pollution*, 143(2), 187-196, 2006. [Cd; Cr; Cu; Ni; Pb; Zn]
- (2072) FEKHAOUI, M.; BENNASSER, L.; BOUACHRINE, M. Utilisation d'un nouvel indice d'évaluation de la contamination métallique des sédiments: cas du bas Sebou (Maroc). *Bulletin de l'Institut Scientifique*. Rabat, 20, 143-150, 1996. [Al; Cr; Cu; Fe; Hg; Mn; Pb; Zn]
- (2073) GARCIA-RICO, L.; RODRIGUEZ, M.V.; JARA-MARINI, M.E. Geochemistry of mercury in sediment of oyster areas in Sonora, Mexico. *Marine Pollution Bulletin*, 52(4), 453-458, 2006. [Hg]
- (2074) GOBEILLE, A.K.; MORLAND, K.B.; BOPP, R.F.; GODBOLD, J.H.; LANDRIGAN, P.J. Body burdens of mercury in lower Hudson River area anglers. *Environmental Research*, 101(2), 205-212, 2006. [Hg]
- (2075) GORINSTEIN, S.; MONCHEVA, S.; TOLEDO, F.; ARANCINIA-AVILA, P.; TRAKHTENBERG, S.; GORINSTEIN, A.; GOSHEV, I.; NAMIESNIK, J. Relationship between seawater pollution and qualitative changes in the extracted proteins from mussels *Mytilus galloprovincialis*. *Science of the Total Environment*, 364(1-3), 251-259, 2006. [Polluted and non-polluted sites; Cu; Zn]
- (2076) GRIFFITT, R.J.; CHANDLER, G.T.; GREIG, T.W.; QUATTRO, J.M. Cathepsin B and glutathione peroxidase show differing transcriptional responses in the grass shrimp, *Palaemonetes pugio* following exposure to three xenobiotics. *Environmental Science and Technology*, 40(11), 3640-3645, 2006. [Cd; endosulfan; fipronil]

- (2077) HINGSTON, J.A.; MURPHY, R.J.; LESTER, J.N. Monitoring losses of copper based wood preservatives in the Thames estuary. *Environmental Pollution*, 143(2), 367-375, 2006. [As; Cr; Cu; CCA; leaching]
- (2078) HU, J.; ZHEN, H.; WAN, Y.; GAO, J.; AN, W.; AN, L.; JIN, F.; JIN, X. Trophic magnification of triphenyltin in a marine food web of Bohai Bay, North China: comparison to tributyltin. *Environmental Science and Technology*, 40(10), 3142-3147, 2006. [Monobutyltin; dibutyltin; TBT; monophenyltin; diphenyltin; triphenyltin]
- (2079) HUNG, G.A.; CHMURA, G.L. Mercury accumulation in surface sediments of salt marshes of the Bay of Fundy. *Environmental Pollution*, 142(3), 418-431, 2006. [Hg]
- (2080) JI, J.; CHOI, H.J.; AHN, I.-Y. Evaluation of Manila clam *Ruditapes philippinarum* as a sentinel species for metal pollution monitoring in estuarine tidal flats of Korea: effects of size, sex, and spawning on baseline accumulation. *Marine Pollution Bulletin*, 52(4), 447-453, 2006. [Cd; Co; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (2081) KADAR, E.; SANTOS, R.S.; POWELL, J.J. Biological factors influencing tissue compartmentalization of trace metals in the deep-sea hydrothermal vent bivalve *Bathymodiolus azoricus* at geochemically distinct vent sites of the Mid-Atlantic Ridge. *Environmental Research*, 101(2), 221-229, 2006. [Al; Cd; Co; Hg; Mn]
- (2082) KOSHELEV, A.V. Hydroids polyps of genus *Cordylophora* in toxicological studies. [In Russian with English summary]. *Ekologiya Morya*, 64, 105-108, 2003. [Cd; Cr; Cu]
- (2083) KRANG, A.-S.; ROSENQVIST, G. Effects of manganese on chemically induced food search behaviour of the Norway lobster, *Nephrops norvegicus* (L.). *Aquatic Toxicology*, 78(3), 284-291, 2006. [Mn]
- (2084) LAGLERA, L.M.; VAN DEN BERG, C.M.G. Photochemical oxidation of thiols and copper complexing ligands in estuarine waters. *Marine Chemistry*, 101(1/2), 130-140, 2006. [UV; Cu; Scheldt]
- (2085) LE CADRE, V.; DEBENAY, J.-P. Morphological and cytological responses of *Ammonia* (foraminifera) to copper contamination: implication for the use of foraminifera as bioindicators of pollution. *Environmental Pollution*, 143(2), 304-317, 2006. [Cu; possible detoxification mechanism with production of metallothionein-like protein]
- (2086) LI, Y.; YU, Z.-M.; CAO, X.-H.; SONG, X.-X. Distribution and enrichment of heavy metals in surface sediments of Jiaozhou Bay. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 36(6), 580-589, 2005. [Al; As; Cd; Cr; Cu; Fe; Hg; Mn; Pb; Zn]
- (2087) MACFARLANE, G.R.; MARKICH, S.J.; LINZ, K.; GIFFORD, S.; DUNSTAN, R.H.; O'CONNOR, W.; RUSSELL, R.A. The Akoya pearl oyster shell as an archival monitor of lead exposure. *Environmental Pollution*, 143(1), 166-173, 2006. [Pb]
- (2088) MAGI, E.; RIGHETTI, C.; DI CARRO, M.; SANGUINETTI, M.S.; FERRI, M. Study of the water quality close to urban sewers in eastern Ligurian coast by means of bioluminescence tests and conventional analyses. *Chemistry and Ecology*, 21(1), 47-60, 2006. [Microtox; faecal contamination; nutrients; Cd; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (2089) MALIGINA, V.YU.; KATSEV, A.M. Luminous bacteria from the Black Sea and the Sea of Azov. [In Russian with English summary]. *Ekologiya Morya*, 64, 18-23, 2003.

- (2090) MANDAL, P.K.; MANDAL, A.; AHEARN, G.A. 65Zn^{2+} transport by lobster hepatopancreatic lysosomal membrane vesicles. *Journal of Experimental Zoology*, 305A(3), 203-214, 2006. [Ca; Cd; Cu; Zn]
- (2091) MARQUES, A.N., JR.; MONNA, F.; DA SILVA FILHO, E.V.; FERNEX, F.E.; FILHO, F.F.L.S. Apparent discrepancy in contamination history of a sub-tropical estuary evaluated through ^{210}Pb profile and chronostratigraphical markers. *Marine Pollution Bulletin*, 52(5), 532-539, 2006. [Cd; Zn]
- (2092) MENDIGUCHIA, C.; MORENO, C.; MANUEL-VEZ, M.P.; GARCIA-VARGAS, M. Preliminary investigation on the enrichment of heavy metals in marine sediments originated from intensive aquaculture effluents. *Aquaculture*, 254(1-4), 317-325, 2006. [Cu; Pb; Zn; organic matter]
- (2093) METCHEVA, R.; YURUKOVA, L.; TEODOROVA, S.; NIKOLOVA, E. The penguin feathers as bioindicator of Antarctica environmental state. *Science of the Total Environment*, 362(1-3), 259-265, 2006. [Al; As; Ca; Cd; Co; Cu; Fe; K; Mg; Mn; Na; Ni; P; Pb; S; Se; Sr; Zn]
- (2094) MIAO, A.-J.; WANG, W.-X. Cadmium toxicity to two marine phytoplankton under different nutrient conditions. *Aquatic Toxicology*, 78(2), 114-126, 2006. [Cd]
- (2095) MOHAMED, L.A.; KHALED, A. Comparative study of heavy metal distribution in some coastal seaweeds of Alexandria, Egypt. *Chemistry and Ecology*, 21(3), 181-189, 2006. [Cd; Cu; Fe; Hg; Mn; Ni; Pb; Zn]
- (2096) MONOSSON, E.; LINCOLN, D. Comparison of PCBs, organochlorine pesticides, and trace metals in cod liver from Georges Bank and Stellwagen Bank, USA and Canada. *Marine Pollution Bulletin*, 52(5), 591-597, 2006. [Ag; As; Cd; Cu; Hg; Se; Zn; aldrin; dieldrin; endrin; chlordane; HCH; heptachlor epoxide; DDTs; PCBs]
- (2097) MOREIRA, S.M.; LIMA, I.; RIBEIRO, R.; GUILHERMINO, L. Effects of estuarine sediment contamination on feeding and on key physiological functions of the polychaete *Hediste diversicolor*: laboratory and in situ assays. *Aquatic Toxicology*, 78(2), 186-201, 2006. [As; Cd; Cr; Cu; Hg; Pb; Zn]
- (2098) NICHOLS, J.W.; BROWN, S.; WOOD, C.M.; WALSH, P.J.; PLAYLE, R.C. Influence of salinity and organic matter on silver accumulation in Gulf toadfish (*Opsanus beta*). *Aquatic Toxicology*, 78(3), 253-261, 2006. [Ag]
- (2099) NIGRO, M.; FALLENI, A.; DEL BARGA, I.; SCARCELLI, V.; LUCCHESI, P.; REGOLI, F.; FRENZILLI, G. Cellular biomarkers for monitoring estuarine environments: transplanted versus native mussels. *Aquatic Toxicology*, 77(4), 339-347, 2006. [As; Cd; Cr; Cu; Fe; Mn; Ni; Pb; V; Zn; lysosomal alterations; genotoxicity; DNA damage]
- (2100) OKBAH, M.A.; NASR, S.M. Dissolved trace-metal concentrations along the Mediterranean Sea, to the north of the Nile Delta Region, Egypt. *Chemistry and Ecology*, 22(2), 125-135, 2006. [Cu; Fe; Mn; Ni; Pb; Zn]
- (2101) OKBAH, M.A.; SHATA, M.A.; SHRIDAH, M.A. Geochemical forms of trace metals in mangrove sediments - Red Sea (Egypt). *Chemistry and Ecology*, 21(1), 23-36, 2006. [Cd; Cu; Fe; Mn; Pb; Zn]
- (2102) PENG, S.-H.; HWANG, J.-S.; FANG, T.-H.; WEI, T.-P. Trace metals in *Austinopecten edulis* (Ngoc-Ho & Chan, 1992) (Decapoda, Thalassinidea, Upogebiidae) and its habitat sediment from the central western Taiwan coast. *Crustaceana*, 79(3), 263-273, 2006. [Cd; Co; Cr; Cu; Fe; Mn; Ni; Pb; Zn]

- (2103) PLEJDRUP, J.K.; SIMONSEN, V.; PERTOLDI, C.; SCHOYEN, M.; BAYLEY, M. Genetic and morphological diversity in populations of *Nucella lapillus* (L.; neogastropoda) in response to tributyltin contamination. *Ecotoxicology and Environmental Safety*, 64(2), 146-154, 2006. [TBT; imposex]
- (2104) PROWE, F.; KIRF, M.; ZAUKE, G.-P. Heavy metals in crustaceans from the Iberian deep sea plain. *Scientia Marina*, 70(2), 271-279, 2006. [Cd; Cu; Pb; Zn]
- (2105) RATNER, M.A.; DECKER, S.E.; ALLER, S.G.; WEBER, G.; FORREST, J.N., JR. Mercury toxicity in the shark (*Squalus acanthias*) rectal gland: apical CFTR chloride channels are inhibited by mercuric chloride. *Journal of Experimental Zoology*, 305A(3), 259-267, 2006. [Hg]
- (2106) ROYCHOUDHURY, A.N. Time dependent calibration of a sediment extraction scheme. *Marine Pollution Bulletin*, 52(4), 397-403, 2006. [Fe]
- (2107) SACAN, M.T.; BALCIOGLU, I.A. A case study on algal response to raw and treated effluents from an aluminium plating plant and a pharmaceutical plant. *Ecotoxicology and Environmental Safety*, 64(2), 234-243, 2006.
- (2108) SANTOS, M.M.; REIS-HENRIQUES, M.A.; VIEIRA, M.N.; SOLE, M. Triphenyltin and tributyltin, single and in combination, promote imposex in the gastropod *Bolinus brandaris*. *Ecotoxicology and Environmental Safety*, 64(2), 155-162, 2006. [TBT; AChE; APGWamide]
- (2109) SPROVIERI, M.; SAMMARTINO, S.; MANTA, D.S.; MARSELLA, E.; FERRARO, L. Heavy metals in top core sediments from the southern Campania shelf (Italy): hints to define large-scale geochemical backgrounds. *Chemistry and Ecology*, 22(1), 65-91, 2006. [Al; As; Cd; Cr; Cu; Fe; Hg; Ni; Pb; V; Zn]
- (2110) STERNBERG, R.M.; LEBLANC, G.A. Kinetic characterization of the inhibition of acyl coenzyme A: steroid acyltransferases by tributyltin in the eastern mud snail (*Ilyanassa obsoleta*). *Aquatic Toxicology*, 78(3), 233-242, 2006. [TBT; imposex]
- (2111) STOICHEV, T.; AMOUROUX, D.; MONPERRUS, M.; POINT, D.; TESSIER, E.; BAREILLE, G.; DONARD, O.F.X. Mercury in surface waters of a macrotidal urban estuary (River Adour, south-west France). *Chemistry and Ecology*, 22(2), 137-148, 2006. [Hg; methylmercury]
- (2112) TEIEN, H.-C.; STANDRING, W.J.F.; SALBU, B. Mobilization of river transported colloidal aluminium upon mixing with seawater and subsequent deposition in fish gills. *Science of the Total Environment*, 364(1-3), 149-164, 2006. [Al; flooding; mobilization]
- (2113) VALAVANIDIS, A.; VLAHOGIANNI, T.; DASSENAKIS, M.; SCULLOS, M. Molecular biomarkers of oxidative stress in aquatic organisms in relation to toxic environmental pollutants. *Ecotoxicology and Environmental Safety*, 64(2), 178-189, 2006. [Review]
- (2114) VELTMAN, K.; HUIJBREGTS, M.A.J.; VAN DEN HEUVEL-GREVE, M.J.; VETHAAK, A.D.; HENDRICKS, A.J. Organotin accumulation in an estuarine food chain: comparing field measurements with model estimations. *Marine Environmental Research*, 61(5), 511-530, 2006. [TBT; triphenyltin; PCBs; dibutyltin; diphenyltin; monobutyltin]
- (2115) WILKINS, C.; SALTER, L.; REDMAN, J. A preliminary laboratory study of the remediation of organotin-contaminated sediments and waters. *Journal of Marine Science and Environment*, C1, 3-10, 2004. [Sediments from Fal Estuary; monobutyltin; dibutyltin; TBT; tetrabutyltin; triphenyltin]
- (2116) WILSON, S.; MAGGS, C.A. Environmental tolerances of free-living coralline algae (maerl): implications for European marine conservation. *Biological Conservation*, 120(2), 279-289, 2004. [From Strangford Lough]

(2117) YAMAGAMI, T.; EZAKI, T.; MORIGUCHI, J.; FUKUI, Y.; OKAMOTO, S.; UKAI, H.; SAKURAI, H.; AOSHIMA, K.; IKEDA, M. Low-level cadmium exposure in Toyama City and its surroundings in Toyama prefecture, Japan, with references to possible contribution of shellfish intake to increase urinary cadmium levels. *Science of the Total Environment*, 362(1-3), 56-67, 2006. [Cd]

(2118) ZHAO, Y.-F.; LU, J.-C.; WU, Y.-C.; SONG, X.-Y.; WANG, F.; LIU, C.-F.; ZHAO, C.; ZHENG, W. Accumulation, distribution and excretion of marine copper contamination in the tissues of *Paralichthys olicaceus*. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 36(2), 139-145, 2005. [Cu]

(2119) ZHU, J.-Y.; HUANG, H.-Q.; BAO, X.-D.; LIN, Q.-M.; CAI, Z. Acute toxicity profile of cadmium revealed by proteomics in brain tissue of *Paralichthys olivaceus*: potential role of transferrin in cadmium toxicity. *Aquatic Toxicology*, 78(2), 127-135, 2006. [Cd]

(2120) ZORITA, I.; ORTIZ-ZARRAGOITIA, M.; SOTO, M.; CAJARAVILLE, M.P. Biomarkers in mussels from a copper site gradient (Visnes, Norway): an integrated biochemical, histochemical and histological study. *Aquatic Toxicology*, 78(Supplement 1), S109-S116, 2006. [Cu]

Section 4: Radioactivity

- (2121) ALFIMOV, V.; POSSNERT, G.; ALDAHAN, A. Anthropogenic iodine-129 in the Arctic Ocean and Nordic Seas: numerical modeling and prognoses. *Marine Pollution Bulletin*, 52(4), 380-385, 2006. [Sellafield; La Hague]
- (2122) ANDERSEN, M.; GWYNN, J.P.; DOWDALL, M.; KOVACS, K.M.; LYDERSEN, C. Radiocaesium (¹³⁷Cs) in marine mammals from Svalbard, the Barents Sea and the North Greenland Sea. *Science of the Total Environment*, 363(1-3), 87-94, 2006. [Caesium-137]
- (2123) BURKE, I.T.; BOOTHMAN, C.; LLOYD, J.R.; LIVENS, F.R.; CHARNOCK, J.M.; MCBETH, J.M.; MORTIMER, R.J.G.; MORRIS, K. Reoxidation behaviour of technetium, iron, and sulfur in estuarine sediments. *Environmental Science and Technology*, 40(11), 3529-3535, 2006. [Tc; sediments from Paull mudflat, Humber estuary]
- (2124) DU BOIS, P.B.; DUMAS, F. Fast hydrodynamic model for medium-and long-term dispersion in seawater in the English Channel and southern North Sea, qualitative and quantitative validation by radionuclide tracers. *Ocean Modelling*, 9(2), 169-210, 2005.
- (2125) FUKUNISHI, Y.; MASUDA, R.; YAMASHITA, Y. Ontogeny of tolerance to and avoidance of ultraviolet radiation in red sea bream *Pagrus major* and black sea bream *Acanthopagrus schlegeli*. *Fisheries Science*, 72(2), 356-363, 2006. [UV]
- (2126) LAGLERA, L.M.; VAN DEN BERG, C.M.G. Photochemical oxidation of thiols and copper complexing ligands in estuarine waters. *Marine Chemistry*, 101(1/2), 130-140, 2006. [UV; Cu; Scheldt]
- (2127) LONGHI, M.L.; FERREYRA, G.; SCHLOSS, I.; ROY, S. Variable phytoplankton response to enhanced UV-B and nitrate addition in mesocosm experiments at three latitudes (Canada, Brazil and Argentina). *Marine Ecology Progress Series*, 313, 57-72, 2006.
- (2128) MCDONALD, P.; BRYAN, S.E.; HUNT, G.J.; BALDWIN, M.; PARKER, T.G. Field and model investigations of external gamma dose rates along the Cumbrian coast, NW England. *Journal of Radiological Protection*, 25(1), 67-82, 2005. [Sellafield;; ¹³⁷Cs; ⁶⁰Co; ¹⁰⁶Ru; ¹²⁵Sb; ¹⁵⁴Eu]
- (2129) MONTE, L.; HAKANSON, L.; PERIANEZ, R.; LAPTEV, G.; ZHELEZNYAK, M.; MADERICH, V.; ANGELI, G.; KOSHEBUTSKY, V. Experiences from a case study of multi-model application to assess the behaviour of pollutants in the Dnieper-Bug Estuary. *Ecological Modelling*, 195(3/4), 247-263, 2006. [Chernobyl; ¹³⁷Cs; ⁹⁰Sr]
- (2130) WILSON, R.C.; VIVES I BATLLE, J.; MCDONALD, P.; PARKER, T.G. Uptake and depuration of ¹³¹I by the edible periwinkle *Littorina littorea*: uptake from labelled seaweed (*Chondrus crispus*). *Journal of Environmental Radioactivity*, 80(3), 259-271, 2005.
- (2131) WRIGHT, D.A.; ORANO-DAWSON, C. Efficacy of ultraviolet irradiation. *Journal of Marine Science and Environment*, C3, 3-13, 2005. [Ballast water treatment; UV]
- (2132) AARAB, N.; LEMAIRE-GONY, S.; UNRUH, E.; HANSEN, P.D.; LARSEN, B.K.; ANDERSEN, O.K.; NARBONNE, J.F. Preliminary study of responses in mussel (*Mytilus edulis*) exposed to bisphenol A, diallyl phthalate and tetrabromodiphenyl ether. *Aquatic Toxicology*, 78(Supplement 1), S86-S92, 2006.

Section 5: Other Chemicals

(2133) ALENDAL, G.; HAUGAN, P.M.; GANGSTO, R.; CALDEIRA, K.; ADAMS, E.; BREWER, P.; PELTZER, E.; REHDER, G.; SATO, T.; CHEN, B. Comment on "Fate of rising CO₂ droplets in seawater". *Environmental Science and Technology*, 40(11), 3653-3654, 2006.

(2134) ANDERSSON, A.J.; MACKENZIE, F.T.; LERMAN, A. Coastal ocean CO₂-carbonic acid-carbonate sediment system of the Anthropocene. *Global Biogeochemical Cycles*, 20(1), GB1S92, 2006.

(2135) ANDERSSON, P.M.; ANDERSSON, L.S. Long term trends in the seas surrounding Sweden. Part one - Nutrients. *SMHI Reports Oceanography*, 34, 234p., 2006.

(2136) ANGELER, D.G.; SANCHEZ, B.; GARCIA, G.; MORENO, J.M. Community ecotoxicology: invertebrate emergence from Fire Trol 934 contaminated vernal pool and salt marsh sediments under contrasting photoperiod and temperature regimes. *Aquatic Toxicology*, 78(2), 167-175, 2006. [Fire retardants]

(2137) ARIFIN, Z.; HINDARTI, D. Effects of cyanide on ornamental coral fish (*Chromis viridis*). *Marine Research in Indonesia*, 30, 15-20, 2006.

(2138) ARMITAGE,, A.R.; FONG, P. Predation and physical disturbance by crabs reduce the relative impacts of nutrients in a tidal mudflat. *Marine Ecology Progress Series*, 313, 205-213, 2006.

(2139) BAKER, D.F., (ET AL). TransCom 3 inversion intercomparison: impact of transport model errors on the interannual variability of regional CO₂ fluxes, 1988-2003. *Global Biogeochemical Cycles*, 20(1), GB1002, 2006.

(2140) BARSIGNE, J.; SYVOKIENE, J.; BJORNSTAD, A. Induction of micronuclei and other nuclear abnormalities in mussels exposed to bisphenol A, diallyl phthalate and tetrabromodiphenyl ether-47. *Aquatic Toxicology*, 78(Supplement 1), S105-S108, 2006.

(2141) BOLOGNESI, C.; PERRONE, E.; ROGGIERI, P.; PAMPANIN, D.M.; SCIUTTO, A. Assessment of micronuclei induction in peripheral erythrocytes of fish exposed to xenobiotics under controlled conditions. *Aquatic Toxicology*, 78(Supplement 1), S93-S98, 2006. [North Sea oil; dialkyl phthalate; bisphenol A; tetrabromodiphenyl ether; nonylphenol; alkylphenol]

(2142) BOYER, E.W.; HOWARTH, R.W.; GALLOWAY, J.N.; DENTENER, F.J.; GREEN, P.A.; VOROSMARTY, C.J. Riverine nitrogen export from the continents to the coasts. *Global Biogeochemical Cycles*, 20(1), GB1S91, 2006. [Impact of anthropogenic activity]

(2143) BUGGY, C.J.; TOBIN, J.M. Seasonal and spatial distributions of tributyltin in surface sediment of the Tolka Estuary, Dublin, Ireland. *Environmental Pollution*, 143(2), 294-303, 2006. [TBT]

(2144) BURLANDO, B.; BERTI, E.; VIARENGO, A. Effects of seawater pollutants on protein tyrosine phosphorylation in mussel tissues. *Aquatic Toxicology*, 78(Supplement 1), S79-S85, 2006. [Bisphenol A; diallyl phthalate; tetrabromodiphenylether-47; North Sea oil; PAH; Cu]

(2145) CABELLO, F.C. Heavy use of prophylactic antibiotics in aquaculture: a growing problem for human and animal health and for the environment. *Environmental Microbiology*, 8(7), 1137-1144, 2006.

- (2146) CAJARAVILLE, M.P.; ORTIZ-ZARRAGOITIA, M. Specificity of the peroxisome proliferation response in mussels exposed to environmental pollutants. *Aquatic Toxicology*, 78(Supplement 1), S117-S123, 2006. [North Sea crude oil; PAHs; alkylphenols; diallyl phthalate; bisphenol A; tetrabromodiphenylether; Cu mine gradient]
- (2147) CENSI, P., (ET AL). Rare-earth elements and yttrium distributions in mangrove coastal water systems: the western Gulf of Thailand. *Chemistry and Ecology*, 21(4), 255-277, 2005. [Natural and anthropogenic sources; Y; La; Ce; Pr; Nd Sm; Eu; Gd; Tb; Dy; Ho; Er; Tm; Yb; Lu]
- (2148) CHAI, C.; YU, Z.; SONG, X.; CAO, X. The status and characteristics of eutrophication in the Yangtze River (Changjiang) Estuary and the adjacent East China Sea, China. *Hydrobiologia*, 563, 313-328, 2006. [Nutrients; dissolved oxygen]
- (2149) CORNELISEN, C.D.; THOMAS, F.I.M. Water flow enhances ammonium and nitrate uptake in a seagrass community. *Marine Ecology Progress Series*, 312, 1-13, 2006. [Nutrients]
- (2150) DAHL, U.; GOROKHOVA, E.; BREITHOLTZ, M. Application of growth-related sublethal endpoints in ecotoxicological assessments using a harpacticoid copepod. *Aquatic Toxicology*, 77(4), 433-438, 2006. [Simvastatin; RNA level; growth rate; body length; development time]
- (2151) DELORENZO, M.E.; SERRANO, L.; CHUNG, K.W.; HOGUET, J.; KEY, P.B. Effects of the insecticide permethrin on three life stages of the grass shrimp, *Palaemonetes pugio*. *Ecotoxicology and Environmental Safety*, 64(2), 122-127, 2006.
- (2152) ESTEVES, J.L.; COMMENDATORE, M.G.; NIEVAS, M.L.; PALETTO, V.M.; AMIN, O. Hydrocarbon pollution in coastal sediments of Tierra del Fuego Islands, Patagonia Argentina. *Marine Pollution Bulletin*, 52(5), 582-590, 2006.
- (2153) FERAL, J.-P.; FORT, M.; PEREZ, T.; WARWICK, R.M.; EMBLOW, C.; HEIP, C.; VAN AVESAATH, P.; HUMMEL, H. European marine biodiversity indicators. 136p. Yerseke, the Netherlands: NIOO-CEME, 2003. (Contract number:EVR1-CT2000-20002)
- (2154) FITZSIMONS, M.F.; MILLWARD, G.E.; REVITT, D.M.; DAWIT, M.D. Desorption kinetics of ammonium and methylamines from estuarine sediments: consequences for the cycling of nitrogen. *Marine Chemistry*, 101(1/2), 12-26, 2006. [Thames Estuary; Canvey Island; Southend to Benfleet Creek]
- (2155) FRASCO, M.F.; FOURNIER, D.; CARVALHO, F.; GUILHERMINO, L. Cholinesterase from the common prawn (*Palaemon serratus*) eyes: catalytic properties and sensitivity to organophosphate and carbamate compounds. *Aquatic Toxicology*, 77(4), 412-421, 2006. [Eserine; carbofuran; propoxur; carbaryl; iso-OMPA; chlorpyrifos-oxon; malaoxon; triazophos-oxon; dichlorvos; paraoxon methyl; paraoxon ethyl]
- (2156) GIKAS, G.D.; YIANNAKOPOULOU, T.; TSIHRINTZIS, V.A. Water quality trends in a coastal lagoon impacted by non-point source pollution after implementation of protective measures. *Hydrobiologia*, 563, 385-406, 2006. [Nutrients; eutrophication]
- (2157) GOMIERO, A.; PAMPANIN, D.M.; BJORNSTAD, A.; LARSEN, B.K.; PROVAN, F.; LYNG, E.; ANDERSEN, O.K. An ecotoxicoproteomic approach (SELDI-TOF mass spectrometry) to biomarker discovery in crab exposed to pollutants under laboratory conditions. *Aquatic Toxicology*, 78(Supplement 1), S34-S41, 2006. [Alkylphenol; diallyl phthalate; nonylphenol; bisphenol A; crude oil; flame retardants]
- (2158) GOPINATH, A.; SINDHU, R.; NAIR, S.M. Variability of dissolved reactive phosphate and apparent oxygen utilization along the west coast of India. *Chemistry and Ecology*, 22(2), 113-123, 2006. [Nutrients]

- (2159) GRIFFITT, R.J.; CHANDLER, G.T.; GREIG, T.W.; QUATTRO, J.M. Cathepsin B and glutathione peroxidase show differing transcriptional responses in the grass shrimp, *Palaemonetes pugio* following exposure to three xenobiotics. *Environmental Science and Technology*, 40(11), 3640-3645, 2006. [Cd; endosulfan; fipronil]
- (2160) GUITART, C.; BAYONA, J.M.; READMAN, J.W. Sources, distribution and behaviour of methyl tert-butyl ether in the Tamar Estuary, UK. *Chemosphere*, 57(6), 429-437, 2004.
- (2161) HALPERN, B.S.; COTTENIE, K.; BROITMAN, B.R. Strong top-down control in southern California kelp forest ecosystems. *Science*, 312(5777), 1230-1232, 2006. [Anthropogenic nutrient input; predator removal via fishing]
- (2162) HIRSCH, A.I.; MICHALAK, A.M.; BRUHWILER, L.M.; PETERS, W.; DLUGOKENCKY, E.J.; TANS, P.P. Inverse modeling estimates of the global nitrous oxide surface flux from 1998-2001. *Global Biogeochemical Cycles*, 20(1), GB1008, 2006.
- (2163) HLAILI, A.S.; CHIKHAOUI, M.-A.; EL GRAMI, B.; MABROUK, H.H. Effects of N and P supply on phytoplankton in Bizerte Lagoon (western Mediterranean). *Journal of Experimental Marine Biology and Ecology*, 333(1), 79-96, 2006. [Nutrient loading]
- (2164) HOUDE, M.; MARTIN, J.W.; LETCHER, R.J.; SOLOMON, K.R.; MUIR, D.C.G. Biological monitoring of polyfluoroalkyl substances: a review. *Environmental Science and Technology*, 40(11), 3463-3473, 2006. [PFOS; PFOA; PFNA; PFDA; PFUA; PFD_oA; PFOSA; PFHxS]
- (2165) HU, J.; ZHEN, H.; WAN, Y.; GAO, J.; AN, W.; AN, L.; JIN, F.; JIN, X. Trophic magnification of triphenyltin in a marine food web of Bohai Bay, North China: comparison to tributyltin. *Environmental Science and Technology*, 40(10), 3142-3147, 2006. [Monobutyltin; dibutyltin; TBT; monophenyltin; diphenyltin; triphenyltin]
- (2166) JONSSON, H.; SCHIEDEK, D.; GOKSOYR, A.; GROSVIK, B.E. Expression of cytoskeletal proteins, cross-reacting with anti-CYP1A, in *Mytilus* sp. exposed to organic contaminants. *Aquatic Toxicology*, 78(Supplement 1), S42-S48, 2006. [North Sea crude oil; alkylphenols; PAHs; bisphenol A; diallylphthalate; 2,2',4,4'-tetrabromodiphenyl ether; flame retardants]
- (2167) JONSSON, H.; SCHIEDEK, D.; GROSVIK, B.E.; GOKSOYR, A. Protein responses in blue mussels (*Mytilus edulis*) exposed to organic pollutants: a combined CYP-antibody/proteomic approach. *Aquatic Toxicology*, 78(Supplement 1), S49-S56, 2006. [Alkylphenols; diallyl phthalate; crude oil; PAHs; bisphenol A; BDE-47; tetrabromodiphenyl ether]
- (2168) KALANTZI, I.; KARAKASSIS, I. Benthic impacts of fish farming: meta-analysis of community and geochemical data. *Marine Pollution Bulletin*, 52(5), 484-493, 2006. [Review]
- (2169) KARLSON, B.; ANDERSSON, L. The *Chattonella*-bloom in year 2001 and effects of high freshwater input from river Gota Alv to the Kattegat-Skagerrak area. *SMHI Reports Oceanography*, (32), 44p., 2003. [HAB; nutrients]
- (2170) KLINE, D.I.; KUNTZ, N.M.; BREITBART, M.; KNOWLTON, N.; ROHWER, F. Role of elevated organic carbon levels and microbial activity in coral mortality. *Marine Ecology Progress Series*, 314, 119-125, 2006. [Nitrogen; phosphorus; nutrients; organic carbon; DOC; bacteria]
- (2171) LARSEN, B.K.; BJORNSTAD, A.; SUNDT, R.C.; TABAN, I.C.; PAMPANIN, D.M.; ANDERSEN, O.K. Comparison of protein expression in plasma from nonylphenol and bisphenol A-exposed Atlantic cod (*Gadus morhua*) and turbot (*Scophthalmus maximus*) by use of SELDI-TOF. *Aquatic Toxicology*, 78(Supplement 1), S25-S33, 2006. [SELDI-TOF]

- (2172) LAVADO, R.; JANER, G.; PORTE, C. Steroid levels and steroid metabolism in the mussel *Mytilus edulis*: the modulating effect of dispersed crude oil and alkylphenols. *Aquatic Toxicology*, 78(Supplement 1), S65-S72, 2006. [North Sea crude oil; PAHs]
- (2173) LEBEUF, M.; COUILLARD, C.M.; LEGARE, B.; TROTTIER, S. Effects of DeBDE and PCB-126 on hepatic concentrations of PBDEs and methoxy-PBDEs in Atlantic tomcod. *Environmental Science and Technology*, 40(10), 3211-3216, 2006.
- (2174) LI, D.-P.; XIONG, Y. Sensitivities of gametophytes of brown seaweed *Undaria pinnatifida* to four antibiotics. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 36(3), 255-260, 2005. [Chloramphenicol; hygromycin; kanamycin; streptomycin]
- (2175) LI, Y.; YU, Z.-M.; SONG, X.-X.; MU, Q.-L.; SUN, S. Anionic surfactants in seawater of Jiaozhou Bay. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 36(3), 284-288, 2005.
- (2176) LONGHI, M.L.; FERREYRA, G.; SCHLOSS, I.; ROY, S. Variable phytoplankton response to enhanced UV-B and nitrate addition in mesocosm experiments at three latitudes (Canada, Brazil and Argentina). *Marine Ecology Progress Series*, 313, 57-72, 2006.
- (2177) MACKINTOSH, C.E.; MALDONADO, J.A.; IKONOMOU, M.G.; GOBAS, F.A.P.C. Sorption of phthalate esters and PCBs in a marine ecosystem. *Environmental Science and Technology*, 40(11), 3481-3488, 2006.
- (2178) MAGI, E.; RIGHETTI, C.; DI CARRO, M.; SANGUINETTI, M.S.; FERRI, M. Study of the water quality close to urban sewers in eastern Ligurian coast by means of bioluminescence tests and conventional analyses. *Chemistry and Ecology*, 21(1), 47-60, 2006. [Microtox; faecal contamination; nutrients; Cd; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (2179) MALIGINA, V.YU.; KATSEV, A.M. Luminous bacteria from the Black Sea and the Sea of Azov. [In Russian with English summary]. *Ekologija Morya*, 64, 18-23, 2003.
- (2180) MARINOV, I.; GNANADESIKAN, A.; TOGGWEILER, J.R.; SARMIENTO, J.L. The Southern Ocean biogeochemical divide. *Nature*, 441(7096), 964-967, 2006. [CO₂]
- (2181) MARTIN-SKILTON, R.; THIBAUT, R.; PORTE, C. Endocrine alteration in juvenile cod and turbot exposed to dispersed crude oil and alkylphenols. *Aquatic Toxicology*, 78(Supplement 1), S57-S64, 2006. [North Sea crude oil; alkylphenols; nonylphenol]
- (2182) MASSOUD, M.A.; EL-FADEL, M.; SCRIMSHAW, M.D.; LESTER, J.N. Factors influencing development of management strategies for the Abou Ali River in Lebanon. I: spatial variation and land use. *Science of the Total Environment*, 362(1-3), 15-30, 2006. [BOD; COD; nutrients; coliforms]
- (2183) MASSOUD, M.A.; EL-FADEL, M.; SCRIMSHAW, M.D.; LESTER, J.N. Factors influencing development of management strategies for the Abou Ali River in Lebanon II: seasonal and annual variation. *Science of the Total Environment*, 362(1-3), 31-41, 2006. [BOD; COD; nutrients; solids]
- (2184) MATHEWS, L.; CHANDRAMOHANAKUMAR, N.; GEETHA, R. Nitrogen dynamics in the sediments of a wetland coastal ecosystem of southern India. *Chemistry and Ecology*, 22(1), 21-28, 2006. [Fertilisers; nutrients]
- (2185) MEYBECK, M.; DURR, H.H.; VOROSMARTY, C.J. Global coastal segmentation and its river catchment contributors: a new look at land-ocean linkage. *Global Biogeochemical Cycles*, 20(1), GB1S90, 2006.

- (2186) MONOSSON, E.; LINCOLN, D. Comparison of PCBs, organochlorine pesticides, and trace metals in cod liver from Georges Bank and Stellwagen Bank, USA and Canada. *Marine Pollution Bulletin*, 52(5), 591-597, 2006. [Ag; As; Cd; Cu; Hg; Se; Zn; aldrin; dieldrin; endrin; chlordane; HCH; heptachlor epoxide; DDTs; PCBs]
- (2187) MOREIRA, S.M.; LIMA, I.; RIBEIRO, R.; GUILHERMINO, L. Effects of estuarine sediment contamination on feeding and on key physiological functions of the polychaete *Hediste diversicolor*: laboratory and in situ assays. *Aquatic Toxicology*, 78(2), 186-201, 2006. [As; Cd; Cr; Cu; Hg; Pb; Zn]
- (2188) MSUYA, F.E.; KYEWALYANGA, M.S.; SALUM, D. The performance of the seaweed *Ulva reticulata* as a biofilter in a low-tech, low-cost, gravity generated water flow regime in Zanzibar, Tanzania. *Aquaculture*, 254(1-4), 284-292, 2006. [Nutrient removal; fishponds]
- (2189) NICHOLS, J.W.; SCHULTZ, I.R.; FITZSIMMONS, P.N. In vitro-in vivo extrapolation of quantitative hepatic biotransformation data for fish. I. A review of methods, and strategies for incorporating intrinsic clearance estimates into chemical kinetic models. *Aquatic Toxicology*, 78(1), 74-90, 2006.
- (2190) NOGUEIRA-LIMA, A.C.; GESTEIRA, T.C.V.; MAFEZOLI, J. Oxytetracycline residues in cultivated marine shrimp (*Litopenaeus vannamei* Boone, 1931) (Crustacea, Decapoda) submitted to antibiotic treatment. *Aquaculture*, 254(1-4), 748-757, 2006.
- (2191) NORDSTROM, M.; BONSDORFF, E.; SALOVIUS, S. The impact of infauna (*Nereis diversicolor* and *Saduria entomon*) on the redistribution and biomass of macroalgae on marine soft bottoms. *Journal of Experimental Marine Biology and Ecology*, 333(1), 58-70, 2006. [Eutrophication; macroalgal blooms]
- (2192) OGRINC, N.; FAGANELI, J. Phosphorus regeneration and burial in near-shore marine sediments (the Gulf of Trieste, northern Adriatic Sea). *Estuarine, Coastal and Shelf Science*, 67(4), 579-588, 2006. [Eutrophication; nutrients]
- (2193) OKA, M.; ARAI, T.; SHIBATA, Y.; MIYAZAKI, N. Reproductive transfer of organochlorines in viviparous surfperch, *Ditrema temminckii*. *Environmental Pollution*, 142(3), 383-387, 2006. [Chlordane; DDTs; dieldrin; HCB; HCHs; mirex; nonachlor; PCB]
- (2194) PAMPANIN, D.M.; ANDERSEN, O.K.; VIAENGO, A., (EDITORS). The Stavanger Workshop. Biological Effects of Environmental Pollution (BEEP) in marine coastal ecosystem. The Stavanger mesocosm exposure studies. *Aquatic Toxicology*, 78(Supplement 1), S1-S128, 2006.
- (2195) PAMPANIN, D.M.; ANDERSEN, O.K.; VIARENGO, A.; GARRIGUES, P. Background for the BEEP Stavanger workshops: biological effects on marine organisms in two common, large, laboratory experiments and in a field study. Comparison of the value (sensitivity, specificity, etc.) of core and new biomarkers. *Aquatic Toxicology*, 78(Supplement 1), S1-S4, 2006.
- (2196) PAMPANIN, D.M.; VIARENGO, A.; GARRIGUES, P.; ANDERSEN, O.K. An overview of the BEEP Stavanger workshop. *Aquatic Toxicology*, 78(Supplement 1), S124-S126, 2006. [Bisphenol A; diallyl phthalate; PBDE; PAH; alkyl phenols]
- (2197) PERGENT, G.; PASQUALINI, V.; PERGENT-MARTINI, C.; FERRAT, L.; FERNANDEZ, C. Variability of *Ruppia cirrhosa* in two coastal lagoons with differing anthropogenic stresses. *Botanica Marina*, 49(2), 103-110, 2006. [Eutrophication; nutrients]

- (2198) PITTA, P.; APOSTOLAKI, E.T.; TSAGARAKI, T.; TSAPAKIS, M.; KARAKASSIS, I. Fish farming effects on chemical and microbial variables of the water column: a spatio-temporal study along the Mediterranean Sea. *Hydrobiologia*, 563, 99-108, 2006. [Nutrients; particulate organic matter; eutrophication]
- (2199) RASHEED, M.Y.; AL-ROUSAN, S.A.; BADRAN, M.I. Phosphate enrichment in the northern Gulf of Aqaba: regulation by carbonate sediments and impact on nitrogen elevation. *Chemistry and Ecology*, 21(3), 199-208, 2006. [Nutrients]
- (2200) SACAN, M.T.; BALCIOGLU, I.A. A case study on algal response to raw and treated effluents from an aluminium plating plant and a pharmaceutical plant. *Ecotoxicology and Environmental Safety*, 64(2), 234-243, 2006.
- (2201) SAKAMAKI, T.; NISHIMURA, O.; SUDO, R. Tidal time-scale variation in nutrient flux across the sediment-water interface of an estuarine tidal flat. *Estuarine, Coastal and Shelf Science*, 67(4), 653-663, 2006.
- (2202) SANCHEZ, I.; FERNANDEZ, C. Resource availability and invasibility in an intertidal macroalgal assemblage. *Marine Ecology Progress Series*, 313, 85-94, 2006. [Nutrient enrichment]
- (2203) SANTOS, M.M.; REIS-HENRIQUES, M.A.; VIEIRA, M.N.; SOLE, M. Triphenyltin and tributyltin, single and in combination, promote imposex in the gastropod *Bolinus brandaris*. *Ecotoxicology and Environmental Safety*, 64(2), 155-162, 2006. [TBT; AChE; APGWamide]
- (2204) SATHER, P.J.; IKONOMOU, M.G.; HAYA, K. Occurrence of persistent organic pollutants in sediments collected near fish farm sites. *Aquaculture*, 254(1-4), 234-247, 2006. [PAHs; PBDEs; PCBs; PCDDs; PCDFs; pesticides; anoxia; hypoxia]
- (2205) SCHLEZINGER, J.J.; STRUNTZ, W.D.J.; GOLDSTONE, J.V.; STEGEMAN, J.J. Uncoupling of cytochrome P450 1A and stimulation of reactive oxygen species production by co-planar polychlorinated biphenyl congeners. *Aquatic Toxicology*, 77(4), 422-432, 2006. [Acetone; benzo(a)pyrene; PCB-52; PCB-77; PCB-105; PCB-126; PCB-169]
- (2206) SHERMAN, K.; CELONE, P.; ADAMS, S. NOAA Fisheries Service's large marine ecosystems program: status report. NOAA Technical Memorandum NMFS-NE, (183), iv, 21p., 2004. [Including pollution and ecosystem health; eutrophication; nutrient loading]
- (2207) SHIM, J.; KANG, Y.C.; KIM, D.; CHOI, S.-H. Distribution of net community production and surface pCO₂ in the Scotia Sea, Antarctica, during austral spring 2001. *Marine Chemistry*, 101(1/2), 68-84, 2006. [CO₂]
- (2208) SMITH, R.V.; JORDAN, C.; ANNETT, J.A. A phosphorus budget for Northern Ireland: inputs to inland and coastal waters. *Journal of Hydrology*, 304(1-4), 193-202, 2005. [Eutrophication; nutrients]
- (2209) STAPLETON, H.M.; DODDER, N.G.; KUCKLICK, J.R.; REDDY, C.M.; SCHANTZ, M.M.; BECKER, P.R.; GULLAND, F.; PORTER, B.J.; WISE, S.A. Determination of HBCD, PBDEs and MeO-BDEs in California sea lions (*Zalophus californianus*) stranded between 1993 and 2003. *Marine Pollution Bulletin*, 52(5), 522-531, 2006.
- (2210) STURVE, J.; HASSELBERG, L.; FALTH, H.; CELANDER, M.; FORLIN, L. Effects of North Sea oil and alkylphenols on biomarker responses in juvenile Atlantic cod (*Gadus morhua*). *Aquatic Toxicology*, 78(Supplement 1), S73-S78, 2006. [PAHs; nonylphenol]

- (2211) STUTES, A.L.; CEBRIAN, J.; CORCORAN, A.A. Effects of nutrient enrichment and shading on sediment primary production and metabolism in eutrophic estuaries. *Marine Ecology Progress Series*, 312, 29-43, 2006. [Anthropogenic eutrophication; microphytobenthos]
- (2212) SUNDT, R.C.; PAMPANIN, D.M.; LARSEN, B.K.; BREDE, C.; HERZKE, D.; BJORNSTAD, A.; ANDERSEN, O.K. The BEEP Stavanger Workshop: mesocosm exposures. *Aquatic Toxicology*, 78(Supplement 1), S5-S12, 2006. [Bisphenol A; crude oil; diallyl phthalate; PBDE; plasticizer]
- (2213) TAYLOR, G.T.; GOBLER, C.J.; SANUDO-WILHELMY, S.A. Speciation and concentrations of dissolved nitrogen as determinants of brown tide *Aureococcus anophagefferens* bloom initiation. *Marine Ecology Progress Series*, 312, 67-83, 2006. [Nutrients]
- (2214) TAYLOR, M.W.; BARR, N.G.; GRANT, C.M.; REES, T.A.V. Changes in amino acid composition of *Ulva intestinalis* (Chlorophyceae) following addition of ammonium or nitrate. *Phycologia*, 45(3), 270-276, 2006. [Nutrients]
- (2215) TEUTEN, E.L.; SAINT-LOUIS, R.; PEDLER, B.E.; XU, L.; PELLETIER, E.; REDDY, C.M. Expanding the range of brominated Q1 analogues. *Marine Pollution Bulletin*, 52(5), 578-582, 2006.
- (2216) TEYUBOVA, V.F.; EFIMOVA, O.V. Macrophytobenthos of water-line region of the Novorossisk Bay (the Black Sea) in conditions of anthropogenic affecting. [In Russian with English summary]. *Ekologiya Morya*, 64, 67-71, 2003. [Eutrophication; nutrients; sewage]
- (2217) TODD, B.D.; THORNHILL, D.J.; FITT, W.K. Patterns of inorganic phosphate uptake in *Cassiopea xamachana*: a bioindicator species. *Marine Pollution Bulletin*, 52(5), 515-521, 2006. [Nutrients; coral reefs]
- (2218) UNO, K.; AOKI, T.; KLEECHAYA, W.; TANASOMWANG, V.; RUANGPAN, L. Pharmacokinetics of oxytetracycline in black tiger shrimp, *Penaeus monodon*, and the effect of cooking on the residues. *Aquaculture*, 254(1-4), 24-31, 2006.
- (2219) VALAVANIDIS, A.; VLAHOGIANNI, T.; DASSENAKIS, M.; SCULLOS, M. Molecular biomarkers of oxidative stress in aquatic organisms in relation to toxic environmental pollutants. *Ecotoxicology and Environmental Safety*, 64(2), 178-189, 2006. [Review]
- (2220) VELTMAN, K.; HUIJBREGTS, M.A.J.; VAN DEN HEUVEL-GREVE, M.J.; VETHAAK, A.D.; HENDRICKS, A.J. Organotin accumulation in an estuarine food chain: comparing field measurements with model estimations. *Marine Environmental Research*, 61(5), 511-530, 2006. [TBT; triphenyltin; PCBs; dibutyltin; diphenyltin; monobutyltin]
- (2221) WANG, X.; HAN, X.; SHI, X.; ZHU, C.; SUN, X.; ZHANG, C. Kinetics of nutrient uptake and release by phytoplankton in East China Sea: model and mesocosm experiments. *Hydrobiologia*, 563, 297-311, 2006. [Eutrophication]
- (2222) WILKINS, C.; SALTER, L.; REDMAN, J. A preliminary laboratory study of the remediation of organotin-contaminated sediments and waters. *Journal of Marine Science and Environment*, C1, 3-10, 2004. [Sediments from Fal Estuary; monobutyltin; dibutyltin; TBT; tetrabutyltin; triphenyltin]
- (2223) WOLKERS, H.; HAMMILL, M.O.; VAN BAVEL, B. Tissue-specific accumulation and lactational transfer of polychlorinated biphenyls, chlorinated pesticides, and brominated flame retardants in hooded seals (*Cistophora cristata*) from the Gulf of St. Lawrence: applications for monitoring. *Environmental Pollution*, 142(3), 476-486, 2006. [DDE; chlordanes; HCB; PCBs; toxaphene; PBDE; polybrominated diphenyl ether]

- (2224) WU, Y.-L.; SUN, S.; ZHANG, Y.-S. Long-term change of environment and its influence on phytoplankton community structure in Jiaozhou Bay. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 36(6), 487-498, 2005. [Eutrophication; nutrients; organic matter]
- (2225) YANG, Y.-F.; FEI, X.-G.; SONG, J.-M.; HU, H.-Y.; WANG, G.-C.; CHUNG, I.K. Growth of *Gracilaria lemaneiformis* under different cultivation conditions and its effects on nutrient removal in Chinese coastal waters. *Aquaculture*, 254(1-4), 248-255, 2006. [Eutrophication control]
- (2226) YU, R.M.K.; WONG, M.M.L.; KONG, R.Y.C.; WU, R.S.S.; CHENG, S.H. Induction of hepatic choriogenin mRNA expression in male marine medaka: a highly sensitive biomarker for environmental estrogens. *Aquatic Toxicology*, 77(4), 348-358, 2006. [17 beta-estradiol (E2)]
- (2227) ZHANG, Y. Response to Comment on "Fate of rising CO₂ droplets in seawater", Alendal, G.(et al) *Environmental Science and Technology* 40(11). *Environmental Science and Technology*, 40(11), 3655-3656, 2006. [Carbon storage]
- (2228) ZHU, Q.; ALLER, R.C.; FAN, Y. A new ratiometric, planar fluorosensor for measuring high resolution, two-dimensional pCO₂ distributions in marine sediments. *Marine Chemistry*, 101(1/2), 40-53, 2006. [CO₂]

Section 6: Biological Wastes

- (2229) BENET-MONICO, A.; CORNELL, S.; CHATTERTON, P.; WILSON, L. Water quality of the Madang Lagoon, Papua New Guinea: a status report. *Marine Pollution Bulletin*, 52(4), 458-465, 2006. [Faecal coliforms; BOD; As; Cd; Cu; Hg; Pb]
- (2230) BORJA, A.; MUXIKA, I.; FRANCO, J. Long-term recovery of soft-bottom benthos following urban and industrial sewage treatment in the Nervion estuary (southern Bay of Biscay). *Marine Ecology Progress Series*, 313, 43-55, 2006. [Dissolved oxygen; redox potential; organic matter; Cd; Cr; Cu; Hg; Pb; Zn; AMBI]
- (2231) COSTAFREDA, M.I.; BOSCH, A.; PINTO, R.M. Development, evaluation, and standardization of a real-time TaqMan reverse transcription-PCR assay for quantification of hepatitis A virus in clinical and shellfish samples. *Applied and Environmental Microbiology*, 72(6), 3846-3855, 2006.
- (2232) COTANO, U.; VILLATE, F. Anthropogenic influence on the organic fraction of sediments in two contrasting estuaries: a biochemical approach. *Marine Pollution Bulletin*, 52(4), 404-414, 2006. [Sewage; organic matter]
- (2233) DALTO, A.G.; GREMARE, A.; DINET, A.; FICHET, D. Muddy-bottom meiofauna responses to metal concentrations and organic enrichment in New Caledonia South-West Lagoon. *Estuarine, Coastal and Shelf Science*, 67(4), 629-644, 2006. [Co; Cr; Cu; Mn; Ni; Pb; Zn]
- (2234) DIDONATO, G.T.; PASELIO, E.B. Localized beach contamination in American Samoa: results from two years of weekly monitoring. *Marine Pollution Bulletin*, 52(4), 466-469, 2006. [Enterococci]
- (2235) FRASCHETTI, S.; GAMBI, C.; GIANGRANDE, A.; MUSCO, L.; TERLIZZI, A.; DANOVARO, R. Structural and functional response of meiofauna rocky assemblages to sewage pollution. *Marine Pollution Bulletin*, 52(5), 540-548, 2006.
- (2236) HARAKEH, S.; YASSINE, H.; EL-FADEL, M. Antimicrobial-resistant patterns of *Escherichia coli* and *Salmonella* strains in the aquatic Lebanese environments. *Environmental Pollution*, 143(2), 269-277, 2006.
- (2237) JESSOP, R.W.; GRAVES, K.M. Research Report. Eastern Sea Fisheries District. 172p. King's Lynn: Eastern Sea Fisheries Joint Committee, 2005. [Wash mussel stocks; Wash cockle stocks; lobster stocks; roxann; oyster research; E.coli; faecal coliforms]
- (2238) KALANTZI, I.; KARAKASSIS, I. Benthic impacts of fish farming: meta-analysis of community and geochemical data. *Marine Pollution Bulletin*, 52(5), 484-493, 2006. [Review]
- (2239) MAGI, E.; RIGHETTI, C.; DI CARRO, M.; SANGUINETTI, M.S.; FERRI, M. Study of the water quality close to urban sewers in eastern Ligurian coast by means of bioluminescence tests and conventional analyses. *Chemistry and Ecology*, 21(1), 47-60, 2006. [Microtox; faecal contamination; nutrients; Cd; Cr; Cu; Fe; Mn; Ni; Pb; Zn]
- (2240) MASSOUD, M.A.; EL-FADEL, M.; SCRIMSHAW, M.D.; LESTER, J.N. Factors influencing development of management strategies for the Abou Ali River in Lebanon. I: spatial variation and land use. *Science of the Total Environment*, 362(1-3), 15-30, 2006. [BOD; COD; nutrients; coliforms]
- (2241) MASSOUD, M.A.; EL-FADEL, M.; SCRIMSHAW, M.D.; LESTER, J.N. Factors influencing development of management strategies for the Abou Ali River in Lebanon II: seasonal and annual variation. *Science of the Total Environment*, 362(1-3), 31-41, 2006. [BOD; COD; nutrients; solids]

- (2242) MENDIGUCHIA, C.; MORENO, C.; MANUEL-VEZ, M.P.; GARCIA-VARGAS, M. Preliminary investigation on the enrichment of heavy metals in marine sediments originated from intensive aquaculture effluents. *Aquaculture*, 254(1-4), 317-325, 2006. [Cu; Pb; Zn; organic matter]
- (2243) NOBLE, M.A.; XU, J.P.; ROBERTSON, G.L.; ROSENFELD, L.K. Distribution and sources of surfzone bacteria at Huntington Beach before and after disinfection on an ocean outfall - a frequency-domain analysis. *Marine Environmental Research*, 61(5), 494-510, 2006.
- (2244) PITTA, P.; APOSTOLAKI, E.T.; TSAGARAKI, T.; TSAPAKIS, M.; KARAKASSIS, I. Fish farming effects on chemical and microbial variables of the water column: a spatio-temporal study along the Mediterranean Sea. *Hydrobiologia*, 563, 99-108, 2006. [Nutrients; particulate organic matter; eutrophication]
- (2245) ROSENFELD, L.K.; MCGEE, C.D.; ROBERTSON, G.L.; NOBLE, M.A.; JONES, B.H. Temporal and spatial variability of fecal indicator bacteria in the surf zone off Huntington Beach, CA. *Marine Environmental Research*, 61(5), 471-493, 2006.
- (2246) SARA, G.; SCILIPOTI, D.; MILAZZO, M.; MODICA, A. Use of stable isotopes to investigate dispersal of waste from fish farms as a function of hydrodynamics. *Marine Ecology Progress Series*, 313, 261-270, 2006. [Organic enrichment]
- (2247) SCHLEYER, M.H.; HEIKOOP, J.M.; RISK, M.J. A benthic survey of Aliwal Shoal and assessment of the effects of a wood pulp effluent on the reef. *Marine Pollution Bulletin*, 52(5), 503-514, 2006.
- (2248) WILSON, S.; MAGGS, C.A. Environmental tolerances of free-living coralline algae (maerl): implications for European marine conservation. *Biological Conservation*, 120(2), 279-289, 2004. [From Strangford Lough]
- (2249) WU, Y.-L.; SUN, S.; ZHANG, Y.-S. Long-term change of environment and its influence on phytoplankton community structure in Jiaozhou Bay. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 36(6), 487-498, 2005. [Eutrophication; nutrients; organic matter]
- (2250) YOKOYAMA, H.; ABO, K.; ISHIHI, Y. Quantifying aquaculture-derived organic matter in the sediment in and around a coastal fish farm using stable carbon and nitrogen isotope ratios. *Aquaculture*, 254(1-4), 411-425, 2006. [Waste feed; faecal matter]
- (2251) ZHAO, S.-J.; XIAO, T.; LI, H.-B.; XU, J.-H. Distribution of heterotrophic bacteria and coliform in Jiaozhou Bay and its indication to pollution from land. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 36(6), 541-547, 2005.

Section 7: Heat

- (2252) FITZSIMMONS, S.D.; PERUTZ, M. Effects of egg incubation temperature on survival, prevalence and types of malformations in vertebral column of Atlantic Cod (*Gadus morhua*) larvae. *Bulletin of the European Association of Fish Pathologists*, 26(2), 80-86, 2006.
- (2253) LAGERSPETZ, K.Y.H.; VAINIO, L.A. Thermal behaviour of crustaceans. *Biological Reviews*, 81(2), 237-258, 2006.
- (2254) LLANOS-RIVERA, A.; CASTRO, L.R. Inter-population differences in temperature effects on *Engraulis ringens* yolk-sac larvae. *Marine Ecology Progress Series*, 312, 245-253, 2006.
- (2255) ROSENFELD, M.; SHEMESH, A.; YAM, R.; SAKAI, K.; LOYA, Y. Impact of the 1998 bleaching event on delta 18O records of Okinawa corals. *Marine Ecology Progress Series*, 314, 127-133, 2006.
- (2256) ULSTRUP, K.E.; BERKELMANS, R.; RALPH, P.J.; VAN OPPEN, M.J.H. Variation in bleaching sensitivity of two coral species across a latitudinal gradient on the Great Barrier Reef: the role of zooxanthellae. *Marine Ecology Progress Series*, 314, 135-148, 2006.
- (2257) VAUDO, J.J.; LOWE, C.G. Movement patterns of the round stingray *Urobatis halleri* (Cooper) near a thermal outfall. *Journal of Fish Biology*, 68(6), 1756-1766, 2006.
- (2258) VILLALOBOS, F.B.; TYLER, P.A.; YOUNG, C.M. Temperature and pressure tolerance of embryos and larvae of the Atlantic seastars *Asterias rubens* and *Marthasterias glacialis* (Echinodermata: Asteroidea): potential for deep-sea invasion. *Marine Ecology Progress Series*, 314, 109-117, 2006. [Marthasterias glacialis from Plymouth Sound; Asterias rubens from Southampton Water]
- (2259) WILSON, S.; MAGGS, C.A. Environmental tolerances of free-living coralline algae (maerl): implications for European marine conservation. *Biological Conservation*, 120(2), 279-289, 2004. [From Strangford Lough]
- (2260) YOUNG, J.S.; PECK, L.S.; MATHESON, T. The effects of temperature on peripheral neuronal function in eurythermal and stenothermal crustaceans. *Journal of Experimental Biology*, 209(10), 1976-1987, 2006.
- (2261) ADNITT, C.; STANILAND, R.; LEWIS, J. The future of environmental impact assessment for marine aggregate extraction - best practice and emerging issues. *Journal of Marine Science and Environment*, C1, 36-44, 2004.

Section 8: Solids

(2262) AYAZ, A.; ACARLI, D.; ALTINAGAC, U.; OZEKINCI, U.; KARA, A.; OZEN, O. Ghost fishing by monofilament and multifilament gillnets in Izmir Bay, Turkey. *Fisheries Research*, 79(3), 267-271, 2006.

(2263) BOLAM, S.G.; REES, H.L.; SOMERFIELD, P.; SMITH, R.; CLARKE, K.R.; WARWICK, R.M.; ATKINS, M.; GARNACHO, E. Ecological consequences of dredged material disposal in the marine environment: a holistic assessment of activities around the England and Wales coastline. *Marine Pollution Bulletin*, 52(4), 415-426, 2006. [Barrow-in-Furness; Cardiff; Falmouth; Humber; Nab Tower; Lune Deep; Rame Head; Roughs Tower; South Falls; South Tyne; North Shotley; Swansea; Titchmarsh Marina; North Tyne; Tees; Westwick Marina; Hg]

(2264) BOREN, L.J.; MORRISSEY, M.; MULLER, C.G.; GEMMELL, N.J. Entanglement of New Zealand fur seals in man-made debris at Kaikoura, New Zealand. *Marine Pollution Bulletin*, 52(4), 442-446, 2006.

(2265) BURYNIUK, M.; PETRELL, R.J.; BALDWIN, S.; LO, K.V. Accumulation and natural disintegration of solid wastes caught on a screen suspended below a fish farm cage. *Aquacultural Engineering*, 35(1), 78-90, 2006.

(2266) FUGATE, D.; CHANT, B. Aggregate settling velocity of combined sewage overflow. *Marine Pollution Bulletin*, 52(4), 427-432, 2006. [Particle size; total suspended solids]

(2267) GASS, S.E.; ROBERTS, J.M. The occurrence of the cold-water coral *Lophelia pertusa* (Scleractinia) on oil and gas platforms in the North Sea: colony growth, recruitment and environmental controls on distribution. *Marine Pollution Bulletin*, 52(5), 549-559, 2006.

(2268) LARGE, P.; REVILL, A. Survey finds few gillnets. *Fishing News*, 4804, p.7, 2006. [Rosemary Bank]

(2269) NORKKO, J.; HEWITT, J.E.; THRUSH, S.F. Effects of increased sedimentation on the physiology of two estuarine soft-sediment bivalves, *Austrovenus stutchburyi* and *Paphies australis*. *Journal of Experimental Marine Biology and Ecology*, 333(1), 12-26, 2006.

(2270) PHILLIPS, N.E.; SHIMA, J.S. Differential effects of suspended sediments on larval survival and settlement of New Zealand urchins *Evechinus chloroticus* and abalone *Haliotis iris*. *Marine Ecology Progress Series*, 314, 149-158, 2006.

(2271) POWILLEIT, M.; KLEINE, J.; LEUCHS, H. Impacts of experimental dredged material disposal on a shallow, sublittoral macrofauna community in Mecklenburg Bay (western Baltic Sea). *Marine Pollution Bulletin*, 52(4), 386-396, 2006.

(2272) SARA, G.; SCILIPOTI, D.; MILAZZO, M.; MODICA, A. Use of stable isotopes to investigate dispersal of waste from fish farms as a function of hydrodynamics. *Marine Ecology Progress Series*, 313, 261-270, 2006. [Organic enrichment]

(2273) SCHLEYER, M.H.; HEIKOOP, J.M.; RISK, M.J. A benthic survey of Aliwal Shoal and assessment of the effects of a wood pulp effluent on the reef. *Marine Pollution Bulletin*, 52(5), 503-514, 2006.

(2274) WEBSTER, N.S.; NEGRI, A.P. Site-specific variation in Antarctic marine biofilms established on artificial surfaces. *Environmental Microbiology*, 8(7), 1177-11190, 2006. [3 contaminated sites; anthropogenic impact]

**(2275) WILSON, S.; MAGGS, C.A. Environmental tolerances of free-living coralline algae (maerl): implications for European marine conservation. *Biological Conservation*, 120(2), 279-289, 2004.
[From Strangford Lough]**

Section 9: Physical Disturbance

(2276) ADNITT, C.; STANILAND, R.; LEWIS, J. The future of environmental impact assessment for marine aggregate extraction - best practice and emerging issues. *Journal of Marine Science and Environment*, C1, 36-44, 2004.

(2277) AL-ROUSAN, S.A.; RASHEED, M.Y.; KHALAF, M.A.; BADRAN, M.I. Ecological and geochemical characteristics of bottom habitats at the northern Jordanian coast of the Gulf of Aqaba. *Chemistry and Ecology*, 21(4), 227-239, 2005. [Construction work; dredging; tourism]

(2278) BURRIDGE, C.Y.; PITCHER, C.R.; HILL, B.J.; WASSENBERG, T.J.; POINER, I.R. A comparison of demersal communities in an area closed to trawling with those in adjacent areas open to trawling: a study in the Great Barrier Reef Marine Park, Australia. *Fisheries Research*, 79(1/2), 64-74, 2006.

(2279) BURTON, N.H.K.; REHFISCH, M.M.; CLARK, N.A.; DODD, S.G. Impacts of sudden winter habitat loss on the body condition and survival of redshank *Tringa totanus*. *Journal of Applied Ecology*, 43(3), 464-473, 2006. [Cardiff Bay; Rhymney Estuary; BACI; barrage closure]

(2280) GLADSTONE, W.; HACKING, N.; OWEN, V. Effects of artificial openings of intermittently opening estuaries on macroinvertebrate assemblages of the entrance barrier. *Estuarine, Coastal and Shelf Science*, 67(4), 708-720, 2006.

(2281) MORELLO, E.B.; FROGLIA, C.; ATKINSON, R.J.A.; MOORE, P.G. Medium-term impacts of hydraulic clam dredgers on a macrobenthic community of the Adriatic Sea (Italy). *Marine Biology*, 149(2), 401-413, 2006.

(2282) PARRY, G.D.; GASON, A. The effect of seismic surveys on catch rates of rock lobsters in western Victoria, Australia. *Fisheries Research*, 79(3), 272-284, 2006.

(2283) PETERS, B.G.T.M.; HULSCHER, S.J.M.H. Large-scale offshore sand extraction: what could be the results of interaction between model and decision process? *Ocean and Coastal Management*, 49(3/4), 164-187, 2006.

(2284) STONE, R.P. Coral habitat in the Aleutian Islands of Alaska: depth distribution, fine-scale species associations, and fisheries interactions. *Coral Reefs*, 25(2), 229-238, 2006. [Fishing disturbance]

(2285) THORNTON, E.B.; SALLENGER, A.; SESTO, J.C.; EGLEY, L.; MCGEE, T.; PARSONS, R. Sand mining impacts on long-term dune erosion in southern Monterey Bay. *Marine Geology*, 229(1/2), 45-58, 2006.

(2286) WILSON, S.; MAGGS, C.A. Environmental tolerances of free-living coralline algae (maerl): implications for European marine conservation. *Biological Conservation*, 120(2), 279-289, 2004. [From Strangford Lough]

Section 10: Non-indigenous species

- (2287) ALLEN, J.A.; KRAUSS, K.W. Influence of propagule flotation longevity and light availability on establishment of introduced mangrove species in Hawai'i. *Pacific Science*, 60(3), 367-376, 2006.
- (2288) AZZURRO, E.; GOLANI, D.; BUCCIARELLI, G.; BERNARDI, G. Genetics of the early stages of invasion of the Lessepsian rabbitfish *Siganus luridus*. *Journal of Experimental Marine Biology and Ecology*, 333(2), 190-201, 2006.
- (2289) BYERS, J.E.; PRINGLE, J.M. Going against the flow: retention, range limits and invasions in advective environments. *Marine Ecology Progress Series*, 313, 27-41, 2006. [Hemigrapsus sanguineus]
- (2290) CHIMMER, R.A.; FRY, B.; KANESHIRO, M.Y.; CORMIER, N. Current extent and historical expansion of introduced mangroves on O'ahu, Hawai'i. *Pacific Science*, 60(3), 377-383, 2006.
- (2291) CORSINI, M.; KONDILATOS, G. On the occurrence of two bachyurans, *Myra subgranulata* and *Herbstia condyliata*, on Rhodes Island (SE Aegean Sea). *Crustaceana*, 79(2), 167-174, 2006.
- (2292) CORSINI, M.; MARGIES, P.; KONDILATOS, G.; ECONOMIDIS, P.S. Three new exotic fish records from the SE Aegean Greek waters. *Scientia Marina*, 70(2), 319-323, 2006.
- (2293) COYER, J.A.; HOARAU, G.; SKAGE, M.; STAM, W.T.; OLSEN, J.L. Origin of *Fucus serratus* (Heterokontophyta; Fucaceae) populations in Iceland and the Faroes: a microsatellite-based assessment. *European Journal of Phycology*, 41(2), 235-246, 2006. [Introduced to the Faroes during late 20th century]
- (2294) DAVIS, M.H.; DAVIS, M.E. The role of man-aided dispersal in the spread of the immigrant *Styela clava* Herdman, 1882. *Journal of Marine Science and Environment*, C1, 18-24, 2004.
- (2295) FINENKO, G.A.; KIDEYS, A.E.; ANNINSKY, B.E.; SHIGANOVA, T.A.; ROOHI, A.; TABARI, M.R.; ROSTAMI, H.; BAGHERI, S. Invasive ctenophore *Mnemiopsis leidyi* in the Caspian Sea: feeding, respiration, reproduction and predatory impact on the zooplankton community. *Marine Ecology Progress Series*, 314, 171-185, 2006.
- (2296) JIMENEZ-PEREZ, L.C.; CASTRO-LONGORIA, E. Range extension and establishment of a breeding population of the Asiatic copepod, *Pseudodiaptomus marinus* Sato, 1913 (Calanoida, Pseudodiaptomidae) in Todos Santos Bay, Baja California, Mexico. *Crustaceana*, 79(2), 227-234, 2006.
- (2297) MACKIE, J.A.; KEOUGH, M.J.; CHRISTIDIS, L. Invasion patterns inferred from cytochrome oxidase I sequences in three bryozoans, *Bugula neritina*, *Watersipora subtorquata*, and *Watersipora arcuata*. *Marine Biology*, 149(2), 285-295, 2006.
- (2298) MINCHIN, D.; NUNN, J.D. Further range extensions of the marine gastropod *Calyptraea chinensis* (L.) in Ireland. *Irish Naturalists' Journal*, 28(5), 200-203, 2006. [North Channel, Cork Harbour; Carrowmore, Galway Bay; Inner Mahee Island, Strangford Lough]
- (2299) NEIL, K.M.; STAFFORD, H.; HUTCHINGS, P.A. Port surveys for non-indigenous species - the benefits of taxonomic networks. *Journal of Marine Science and Environment*, C1, 11-17, 2004.
- (2300) PEDERSEN, O.P.; NILSSEN, E.M.; JORGENSEN, L.L.; SLAGSTAD, D. Advection of the Red King Crab larvae on the coast of North Norway - a Lagrangian model study. *Fisheries Research*, 79(3), 325-336, 2006.

- (2301) RICO, A.; LOPEZ GAPPA, J. Intertidal and subtidal fouling assemblages in a Patagonian harbour (Argentina, Southwest Atlantic). *Hydrobiologia*, 563, 9-18, 2006. [Balanus glandula; Cryptosula pallasiana]
- (2302) RODERIGUEZ-OLARTE, D.; AMARO, A.; CORONEL, J. Introduccion del coporo Prochilodus mariae Eigenmann 1922 (Pisces: Prochilodontidae) en el rio Aroa, cuenca del Caribe, Venezuela. *Memoria de la Fundacion La Salle de Ciencias Naturales*, 163, 133-137, 2005.
- (2303) ROSS, D.J.; JOHNSON, C.R.; HEWITT, C.L. Abundance of the introduced seastar, *Asterias amurensis*, and spatial variability in soft sediment assemblages in SE Tasmania: clear correlations but complex interpretation. *Estuarine, Coastal and Shelf Science*, 67(4), 695-707, 2006.
- (2304) RUITTON, S.; VERLAQUE, M.; AUBIN, G.; BOUDOURESQUE, C.F. Grazing on *Caulerpa racemosa* var. *cylindracea* (Caulerpales, Chlorophyta) in the Mediterranean Sea by herbivorous fishes and sea urchins. *Vie et Milieu*, 56(1), 33-41, 2006. [Grazing does not limit spread]
- (2305) SALGADO-BARRAGAN, J.; TOLEDO-GRANADOS, A. The false mussel *Mytilopsis adamsi* Morrison, 1946 (Mollusca: Bivalvia; Dreissenidae) in the Pacific waters of Mexico: a case of biological invasion. *Hydrobiologia*, 563, 1-7, 2006.
- (2306) SANCHEZ, I.; FERNANDEZ, C. Resource availability and invasibility in an intertidal macroalgal assemblage. *Marine Ecology Progress Series*, 313, 85-94, 2006. [Nutrient enrichment]
- (2307) STAFFORD, N.B.; BELL, S.S. Space competition between seagrass and *Caulerpa prolifera* (Forsskaal) Lamouroux following simulated disturbances in Lassing Park, FL. *Journal of Experimental Marine Biology and Ecology*, 333(1), 49-57, 2006.
- (2308) WRIGHT, D.A.; DAWSON, R.; MOESEL, S.; ORANO-DAWSON, C.E. Efficacy of ballast water exchange. *Journal of Marine Science and Environment*, C3, 15-20, 2005.
- (2309) WRIGHT, D.A.; ORANO-DAWSON, C. Efficacy of ultraviolet irradiation. *Journal of Marine Science and Environment*, C3, 3-13, 2005. [Ballast water treatment; UV]
- (2310) YORK, P.H.; BOOTH, D.J.; GLASBY, T.M.; PEASE, B.C. Fish assemblages in habitats dominated by *Caulerpa taxifolia* and native seagrasses in south-eastern Australia. *Marine Ecology Progress Series*, 312, 223-234, 2006.
- (2311) ZALESKI, S.F.; MURRAY, S.N. Taxonomic diversity and geographic distributions of aquarium-traded species of *Caulerpa* (Chlorophyta: Caulerpaceae) in southern California, USA. *Marine Ecology Progress Series*, 314, 97-108, 2006.