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# **Marine Pollution Research Titles**

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# Marine Pollution Research Titles

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# 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

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## Section 1: General

- (1959) BIANCHI, C.N. Dalla cartografia bionomica alla cartografia territoriale, ovvero dalla conoscenza alla gestione delle aree marine protette. *Biologia Marina Mediterranea*, 14(2), 22-51, 2007. [Environmental degradation]
- (1960) BOWEN, J.L.; VALIELA, I. Using delta 15N to assess coupling between watersheds and estuaries in temperate and tropical regions. *Journal of Coastal Research*, 24(3), 804-813, 2008. [Land use; groundwater; eutrophication; nutrients]
- (1961) BRANCH, G.M. Trophic interactions in subtidal rocky reefs on the west coast of South Africa. In: McClanahan, T.R.; Branch, G.M., (editors). *Food webs and the dynamics of marine reefs*. p.50-78. Oxford: Oxford University Press, 2008. [Including anthropogenic impact]
- (1962) BROTHERS, L.L.; BELKNAP, D.F.; KELLEY, J.T.; JANZEN, C.D. Sediment transport and dispersion in a cool-temperate estuary and embayment, Saco River estuary, Maine, USA. *Marine Geology*, 251(3/4), 183-194, 2008.
- (1963) BUSTAMANTE, M.; TAJADURA-MARTIN, F.J.; SAIZ-SALINAS, J.I. Intertidal macrofaunal communities in an intensely polluted estuary. *Environmental Monitoring and Assessment*, 134(1-3), 397-410, 2007.
- (1964) CARRASSON, M.; CURELL, J.; PADROS, F.; CRESPO, S. Evaluation of splenic macrophage aggregates of red mullet (*Mullus barbatus*) as biomarkers of degraded environments in the western Mediterranean using image analysis. *Bulletin of the European Association of Fish Pathologists*, 28(2), 46-51, 2008.
- (1965) CHA, S.-H.; LEE, J.-S.; SONG, C.-B.; LEE, K.-J.; JEON, Y.-J. Effects of chitosan-coated diet on improving water quality and innate immunity in the olive flounder, *Paralichthys olivaceus*. *Aquaculture*, 278(1-4), 110-118, 2008. [COD; DO; suspended solids; nutrients]
- (1966) DARYANABARD, R.; DAWSON, M.N. Jellyfish blooms: *Crambionella orsini* (Scyphozoa: Rhizostomeae) in the Gulf of Oman, Iran, 2002-2003. *Journal of the Marine Biological Association of the United Kingdom*, 88(3), 477-483, 2008.
- (1967) DE LANGEN, P.W.; NIJDAM, M.N. Charging systems for waste reception facilities in ports and the level playing field: a case from North West Europe. *Coastal Management*, 36(1), 109-124, 2008.
- (1968) EATON, T.T. Analytical estimates of hydraulic parameter for an urbanized estuary - Flushing Bay. *Journal of Hydrology*, 347(1/2), 188-196, 2007. [Freshwater discharges; pollutant loading; water quality]
- (1969) ENGSTROM-OST, J.; MATTILA, J. Foraging, growth and habitat choice in turbid water: an experimental study with fish larvae in the Baltic Sea. *Marine Ecology Progress Series*, 359, 275-281, 2008. [Eutrophication; turbidity]
- (1970) EPEL, D.; LUCKENBACH, T.; STEVENSON, C.N.; MACMANUS-SPENCER, L.A.; HAMDOUN, A.; SMITAL, T. Efflux transporters: newly appreciated roles in protection against pollutants. *Environmental Science and Technology*, 42(11), 3914-3920, 2008.
- (1971) ESSIEN, J.P.; ANTAI, S.P.; BENSON, N.U. Microalgae biodiversity and biomass status in Qua Iboe Estuary mangrove swamp, Nigeria. *Aquatic Ecology*, 42(1), 71-81, 2008. [Oil pollution]
- (1972) FERREIRA, J.G.; VALE, C.; SOARES, C.V.; SALAS, F.; STACEY, P.E.; BRICKER, S.B.; SILVA, M.C.; MARQUES, J.C. Monitoring of coastal and transitional waters under the E.U. Water Framework Directive. *Environmental Monitoring and Assessment*, 135(1-3), 195-216, 2007.

- (1973) FRANCINI-FILHO, R.B.; MOURA, R.L.; THOMPSON, F.L.; REIS, R.M.; KAUFMAN, L.; KIKUCHI, R.K.P.; LEO, Z.M.A.N. Diseases leading to accelerated decline of reef corals in the largest South Atlantic reef complex (Abrolhos Bank, eastern Brazil). *Marine Pollution Bulletin*, 56(5), 1008-1014, 2008.
- (1974) GAGNE, F.; BURGEOT, T.; HELLOU, J.; ST-JEAN, S.; FARCY, E.; BLAISE, C. Spatial variations in biomarkers of *Mytilus edulis* mussels at four polluted regions spanning the Northern Hemisphere. *Environmental Research*, 107(2), 201-217, 2008.
- (1975) GAMBI, M.C.; DAPPIANO, M., (EDITORS). Mediterranean marine benthos: a manual of methods for its sampling and study. *Biologia Marina Mediterranea*, 11(Suppl.1), xi, 1-604, 2004.
- (1976) GIRIN, M.; PEIGNE, G.; MERLIN, F. Evolution des techniques et moyens de lutte antipollution. *Oceanis*, 30(4), 479-489, 2004.
- (1977) GLYNN, P.W. Food-web structure and dynamics of eastern tropical Pacific coral reefs: Panama and Galapagos Islands. In: McClanaham, T.R.; Branch, G.M., (editors). Food webs and the dynamics of marine reefs. p.185-208. Oxford: Oxford University Press, 2008. [Including anthropogenic impact]
- (1978) GRAHAM, M.; HALPERN, B.; CARR, M. Diversity and dynamics of Californian subtidal kelp forests. In: McClanaham, T.R.; Branch, G.M., (editors). Food webs and the dynamics of marine reefs. p.103-134. Oxford: Oxford University Press, 2008. [Including anthropogenic impact]
- (1979) GREEN, D.H.; EDMUNDS, P.J.; CARPENTER, R.C. Increasing relative abundance of *Porites astreoides* on Caribbean reefs mediated by an overall decline in coral cover. *Marine Ecology Progress Series*, 359, 1-10, 2008.
- (1980) GREENSTEIN, D.; BAY, S.; ANDERSON, B.; CHANDLER, G.T.; FARRAR, J.D.; KEPPLER, C.; PHILLIPS, B.; RINGWOOD, A.; YOUNG, D. Comparison of methods for evaluating acute and chronic toxicity in marine sediments. *Environmental Toxicology and Chemistry*, 27(4), 933-944, 2008.
- (1981) HAYNES, D.; BRODIE, J.; WATERHOUSE, J.; BAINBRIDGE, Z.; BASS, D.; HART, B. Assessment of the water quality and ecosystem health of the Great Barrier Reef (Australia): conceptual models. *Environmental Management*, 40(6), 993-1003, 2007.
- (1982) HOBDAJ, A.J. Impact of climate change on pelagic fishes. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.94-101. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; wind; UV; pH; anthropogenic stress]
- (1983) HOBDAJ, A.J.; OKEY, T.A.; POLOCZANSKA, E.S.; KUNZ, T.J.; RICHARDSON, A.J., (EDITORS). Impacts of climate change on Australian marine life. vii, 165p. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Including anthropogenic stress; temperature; CO<sub>2</sub>; acidification]
- (1984) HSU, P.-K.; LO, W.-T.; SHIH, C.-T. The coupling of copepod assemblages and hydrography in a eutrophic lagoon in Taiwan: seasonal and spatial variations. *Zoological Studies*, 47(2), 172-184, 2008. [Anthropogenic impact]
- (1985) JAYARAJ, K.A.; JOSIA, J.; DINESH KUMAR, P.K. Infaunal macrobenthic community of soft bottom sediment in a tropical shelf. *Journal of Coastal Research*, 24(3), 708-718, 2008.
- (1986) JOHNSON, L.L.; LOMAX, D.P.; MYERS, M.S.; OLSON, O.P.; SOL, S.Y.; O'NEILL, S.M.; WEST, J.; COLLIER, T.K. Xenoestrogen exposure and effects in English sole (*Parophrys vetulus*) from Puget Sound, WA. *Aquatic Toxicology*, 88(1), 29-38, 2008.
- (1987) KASHUBSKY, M. MARIS: what is it? *Maritime Studies*, 158, p.32, 2008.

- (1988) KUNZ, T.J.; RICHARDSON, A.J. Impacts of climate change on phytoplankton. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.8-18. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [UV; pH; sea surface temperature; rainfall; wind stress and currents; anthropogenic stress]
- (1989) LEE, A.-C.; LEE, M.-C.; LEE, Y.-H.; LEE, Y.-C. Candidates for a hypoxia-stress indicator in the hard clam, *Meretrix lusoria*. *Aquaculture*, 278(1-4), 150-155, 2008.
- (1990) LEE, K.-S.; PARK, J.-I. An effective transplanting technique using shells for restoration of *Zostera marina* habitats. *Marine Pollution Bulletin*, 56(5), 1015-1021, 2008.
- (1991) LOVELESS, A.M.; OLDHAM, C.E.; HANCOCK, G.J. Radium isotopes reveal seasonal groundwater inputs to Cockburn Sound, a marine embayment in Western Australia. *Journal of Hydrology*, 351(1/2), 203-217, 2008.
- (1992) MACAULEY, J.M.; HARWELL, L.C.; ALIFITA, H.V. The ecological condition of Veracruz, Mexico estuaries. *Environmental Monitoring and Assessment*, 133(1-3), 177-185, 2007.
- (1993) MCCLANAHAN, T.R.; BRANCH, G.M. Conclusions: an ecosystem perspective of shallow marine reefs. In: McClanahan, T.R.; Branch, G.M., (editors). Food webs and the dynamics of marine reefs. p.209-233. Oxford: Oxford University Press, 2008. [Including anthropogenic impact]
- (1994) MCCLANAHAN, T.R.; BRANCH, G.M., (EDITORS). Food webs and the dynamics of marine reefs. 238p. Oxford: Oxford University Press, 2008.
- (1995) MUNSTERHJELM, R.; HENRICSON, C.; SANDBERG-KILPI, E. The decline of a charophyte - occurrence dynamics of *Chara tomentosa* L. at the southern coast of Finland. *Memoranda Societatis pro Fauna et Flora Fennica*, 84(2), 56-80, 2008. [Eutrophication; nutrients; dredging; motor boat traffic; reed cutting; turbidity]
- (1996) NASROLLAHZADEH, H.S.; DIN, Z.B.; FOONG, S.Y.; MAKHLOUGH, A. Trophic status of the Iranian Caspian Sea based on water quality parameters and phytoplankton diversity. *Continental Shelf Research*, 28(9), 1153-1165, 2008. [Nutrients; *Mnemiopsis leidyi*]
- (1997) NIKIFOROV, S.M.; ZVYAGINTSEV, A.Y. Allozyme diversity among local populations of the Pacific mussel *Mytilus trossulus* (Bivalvia: Mytilidae) from polluted areas of Peter the Great Bay (Sea of Japan). *Russian Journal of Marine Biology*, 34(1), 45-50, 2008.
- (1998) OKEY, T.A. Impacts of climate change on soft sediment fauna. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.71-87. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; pH; anthropogenic stress]
- (1999) OKEY, T.A.; ENGSTROM, N.; BABCOCK, R. Impacts of climate change on kelp. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.44-52. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; wind and currents; UV; acidification; anthropogenic stress]
- (2000) OKEY, T.A.; HOBDAY, A.J. Impacts of climate change on benthic and demersal fishes. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.88-93. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; winds; rainfall; UV; anthropogenic stress]

- (2001) OKUS, E.; OZTURK, I.; SUR, H.I.; YUKSEK, A.; TAS, S.; ASLAN-YILMAZ, A.; ALTIOK, H.; BALKIS, N.; DOGAN, E.; OVEZ, S.; AYDIN, A.F. Critical evaluation of wastewater treatment and disposal strategies for Istanbul with regards to water quality monitoring study results. *Desalination*, 226(1-3), 231-248, 2008. [Eutrophication; nutrients; BOD5; suspended solids; coliforms]
- (2002) OTERO, P.; RUIZ-VILLARREAL, M.; PELIZ, A. Variability of river plumes off Northwest Iberia in response to wind events. *Journal of Marine Systems*, 72(1-4), 238-255, 2008.
- (2003) PACIFIC SCIENCE. Tropical island ecosystems and sustainable development symposium. 2-7 December, 2006, Moorea. *Pacific Science*, 62(3), 299-441, 2008.
- (2004) PARK, G.S. The role and distribution of total suspended solids in the macrotidal coastal waters of Korea. *Environmental Monitoring and Assessment*, 135(1-3), 153-162, 2007.
- (2005) PENDLETON, L. The economics of using ocean observing systems to improve beach closure policy. *Coastal Management*, 36(2), 165-178, 2008.
- (2006) POLOCZANSKA, E.S. Impacts of climate change on seagrasses. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review.* p.27-35. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; currents and wind stress; UV; anthropogenic stress]
- (2007) POLOCZANSKA, E.S.; MILTON, D. Impacts of climate change on marine turtles. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review.* p.102-109. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; currents; UV; anthropogenic stress]
- (2008) POLOCZANSKA, E.V. Impacts of climate change on mangroves. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review.* p.36-43. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; currents; UV; anthropogenic stress; CO2]
- (2009) PRIGENT, M.; FONTENELLE, G.; ROCHET, M.-J.; TRENKEL, V.M. Using cognitive maps to investigate fishers' ecosystem objectives and knowledge. *Ocean and Coastal Management*, 51(6), 450-462, 2008. [Eastern English Channel]
- (2010) ROGERS, S.I.; SOMERFIELD, P.J.; SCHRATZBERGER, M.; WARWICK, R.; MAXWELL, T.A.D.; ELLIS, J.R. Sampling strategies to evaluate the status of offshore soft sediment assemblages. *Marine Pollution Bulletin*, 56(5), 880-894, 2008. [Celtic Deep; Northwestern Irish Sea; Bristol Channel; Outer Carmarthen Bay]
- (2011) SALE, P.F. Management of coral reefs: where we have gone wrong and what we can do about it. *Marine Pollution Bulletin*, 56(5), 805-809, 2008.
- (2012) SANTIAGO BASS, C.; WEIS, J.S. Increased abundance of snails and trematode parasites of *Fundulus heteroclitus* (L.) in restored New Jersey wetlands. *Wetlands Ecology and Management*, 16(3), 173-182, 2008.
- (2013) SATAPATHY, D.R.; KRUPADAM, R.J.; KUMAR, L.P.; WATE, S.R. The application of satellite data for the quantification of mangrove loss and coastal management in the Godavari estuary, east coast of India. *Environmental Monitoring and Assessment*, 134(1-3), 453-469, 2007.
- (2014) SOLE, M.; LOBERA, G.; LIMA, D.; REIS-HENRIQUES, M.A.; SANTOS, M.M. Esterases activities and lipid peroxidation levels in muscle tissue of the shanny *Lipophrys pholis* along several sites from the Portuguese Coast. *Marine Pollution Bulletin*, 56(5), 999-1007, 2008. [Cr; Ni; Pb; PAH]



- (2015) STEINER, A.; BOSSLEY, M. Some reproductive parameters of an estuarine population of Indo-Pacific bottlenose dolphins (*Tursiops aduncus*). *Aquatic Mammals*, 34(1), 84-92, 2008.
- (2016) TASKER, M.L. Marine management: can objectives be set for marine top predators? In: Boyd, I.; Wanless, S.; Camphuysen, C.J., (editors). *Top predators in marine ecosystems. Their role in monitoring and management.* p.361-369. Cambridge: Cambridge University Press, 2006. (Conservation Biology 12)
- (2017) THILAGAM, H.; GOPALAKRISHNAN, S.; VIJAYAVEL, K.; RAJA, P. Effluent toxicity test using developmental stages of the marine polychaete *Hydroides elegans*. *Archives of Environmental Contamination and Toxicology*, 54(4), 674-683, 2008.
- (2018) TUDOR, D.T.; WILLIAMS, A.T. Important aspects of beach pollution to managers: Wales and the Bristol Channel, UK. *Journal of Coastal Research*, 24(3), 735-745, 2008. [Litter; sewage; oil]
- (2019) VECCHIONE, A.; PEDEN-ADAMS, M.M.; ROMANO, T.A.; FAIR, P.A. Recent cytokine findings and implications toward health assessment of the bottlenose dolphin (*Tursiops truncatus*). *Aquatic Mammals*, 34(1), 93-101, 2008.
- (2020) VERGAMINI, F.G.; MANTELATTO, F.L. Continuous reproduction and recruitment in the narrowback mud crab *Panopeus americanus* (Brachyura, Panopeidae) in a remnant human-impacted mangrove area. *Invertebrate Reproduction and Development*, 51(1), 1-10, 2008.

## Section 2: Petroleum Hydrocarbons

- (2021) ACUNA, J.L.; PUENTE, A.; ANADON, R.; FERNANDEZ, C.; VERA, M.L.; ORDAS, J.M.R.; ARRONTE, J.; JUANES, J. Large-scale fuel deposition patterns on northern Spanish shores following the 'Prestige' oil spill. *Journal of the Marine Biological Association of the United Kingdom*, 88(3), 463-468, 2008.
- (2022) BANKS, A.N.; SANDERSON, W.G.; HUGHES, B.; CRANSWICK, P.A.; SMITH, L.E.; WHITEHEAD, S.; MUSGROVE, A.J.; HAYCOCK, B.; FAIRNEY, N.P. The Sea Empress oil spill (Wales, UK): effects on common scoter *Melanitta nigra* in Carmarthen Bay and status ten years later. *Marine Pollution Bulletin*, 56(5), 895-902, 2008.
- (2023) BOULINIER, T.; RIFFAUT, L. Quel est l'impact des pollutions petrolieres sur les oiseaux marins? *Oceanis*, 30(4), 577-598, 2004. [Oil pollution]
- (2024) CHANDRU, K.; ZAKARIA, M.P.; ANITA, S.; SHAHBAZI, A.; SAKARI, M.; BAHRY, P.S.; MOHAMED, C.A.R. Characterization of alkanes, hopanes, and polycyclic aromatic hydrocarbons (PAHs) in tar-balls collected from the East Coast of Peninsular Malaysia. *Marine Pollution Bulletin*, 56(5), 950-962, 2008. [Oil spill]
- (2025) COMMENDATORE, M.G.; ESTEVES, J.L. An assessment of oil pollution in the coastal zone of Patagonia, Argentina. *Environmental Management*, 40(5), 814-821, 2007.
- (2026) CUNHA, A.; ALMEIDA, A.; RE, A.; MARTINS, A.; ALCANTARA, F. Perylene toxicity in the estuarine environment of Ria de Aveiro (Portugal). *Ecotoxicology*, 15(2), 171-185, 2006. [PAH]
- (2027) DIAZ, B.; PAVON, A.; GOMEZ-GESTEIRA, M. Use of a probabilistic particle tracking model to simulate the Prestige oil spill. *Journal of Marine Systems*, 72(1-4), 159-166, 2008.
- (2028) ESSIEN, J.P.; ANTAI, S.P.; BENSON, N.U. Microalgae biodiversity and biomass status in Qua Iboe Estuary mangrove swamp, Nigeria. *Aquatic Ecology*, 42(1), 71-81, 2008. [Oil pollution]
- (2029) EVANS, A.D.; NIPPER, M. The influence of biomass on the toxicity of hydrophobic organic contaminants. *Archives of Environmental Contamination and Toxicology*, 54(2), 219-225, 2008. [Phenanthrene; PAH; lindane]
- (2030) FAFET, A.; BENOIT, Y.; DA SILVA, M.; BERTONCINI, F.; DURAND, J.-P.; BALLERINI, D.; HAESLER, F. Les pollution marines par des fiouls lourds: quels outils analytiques specifiques? *Oceanis*, 30(4), 461-477, 2004. [Oil spills; fuel oils; Erika; Prestige; PAHs]
- (2031) FERGUSON, P.L.; CHANDLER, G.T.; TEMPLETON, R.C.; DEMARCO, A.; SCRIVENS, W.A.; EGGLEHART, B.A. Influence of sediment - amendment with single-walled carbon nanotubes and diesel soot on bioaccumulation of hydrophobic organic contaminants by benthic invertebrates. *Environmental Science and Technology*, 42(10), 3879-3885, 2008. [PAHs; PBDE; PCB]
- (2032) GOLDING, C.J.; GOBAS, F.A.P.C.; BIRCH, G.F. A fugacity approach for assessing the bioaccumulation of hydrophobic organic compounds from estuarine sediment. *Environmental Toxicology and Chemistry*, 27(5), 1047-1054, 2008. [HOCs; chrysene; benzo(a)pyrene; chlordan; Aroclor 1254]
- (2033) GONZALEZ, M.; FERRER, L.; URIATE, A.; URTIZBEREA, A.; CABALLERO, A. Operational oceanography system applied to the Prestige oil-spillage event. *Journal of Marine Systems*, 72(1-4), 178-188, 2008.
- (2034) GONZALEZ-MACIAS, C.; SCHIFTER, I.; LLUCH-COTA, D.B.; MENDEZ-RODRIGUEZ, L.; HERNANDEZ-VAZQUEZ, S. Environmental assessment of aromatic hydrocarbons-contaminated sediments of the Mexican Salina Cruz Bay. *Environmental Monitoring and Assessment*, 133(1-3), 187-207, 2007.

- (2035) GUNNARSSON, J.S.G. Interactions between organic enrichment and contaminants in marine benthic systems. 37p. + 7 papers. Fiskebackskil, Sweden: Department of Marine Ecology, Goteborg University, Kristineberg Marine Research Station, 1998. (Thesis) [PCBs; TBC; benzo(a)pyrene; eutrophication; hypoxia; PAH]
- (2036) HARVEY, J.; HARWELL, L.; SUMMERS, J.K. Contaminant concentrations in whole-body fish and shellfish from US estuaries. *Environmental Monitoring and Assessment*, 137(1-3), 403-412, 2008. [23 PAH compounds; 21 PCB congeners; 6 DDT derivatives and metabolites; 14 chlorinated pesticides; 13 metals]
- (2037) JARTUN, M.; OTTESEN, R.T.; STEINNES, E.; VOLDEN, T. Runoff of particle bound pollutants from urban impervious surfaces studied by analysis of sediments from stormwater traps. *Science of the Total Environment*, 396(2/3), 147-163, 2008. [PAHs; PCBs; arsenic; Cd; Cr; Cu; Hg; Ni]
- (2038) KENNEDY, C.J.; FARRELL, A.P. Immunological alterations in juvenile Pacific herring, *Clupea pallasii*, exposed to aqueous hydrocarbons derived from crude oil. *Environmental Pollution*, 153(3), 638-648, 2008. [PAH]
- (2039) KLENKIN, A.A.; PAVLENKO, L.F.; KORPAKOVA, I.G.; STUDENKINA, E.I. Characterization of the Azov Sea bottom sediments by the degree of present pollution with a complex of most hazardous toxicants. [In Russian]. *Vodnye Resursy*, 35(1), 88-92, 2008.
- (2040) KOUKOUZIKA, N.; DIMITRIADIS, V.K. Aspects of the usefulness of five marine pollution biomarkers, with emphasis on MN and lipid content. *Marine Pollution Bulletin*, 56(5), 941-949, 2008. [Phenanthrene; Cd; Cu; Hg; acetone]
- (2041) LAUNEN, L.A.; DUTTA, J.; TURPEINEN, R.; EASTEP, M.E.; DORN, R.; BUGGS, V.H.; LEONARD, J.W.; HAEGGBLOM, M.M. Characterization of the indigenous PAH-degrading bacteria of *Spartina* dominated salt marshes in the New York/New Jersey Harbor. *Biodegradation*, 19(3), 347-363, 2008.
- (2042) LI, Z.; LEE, K.; KING, T.; BOUFADEL, M.C.; VENOSA, A.D. Assessment of chemical dispersant effectiveness in a wave tank under regular non-breaking and breaking wave conditions. *Marine Pollution Bulletin*, 56(5), 903-912, 2008. [MESA crude oil; Corexit EC9500A]
- (2043) MACAULEY, J.M.; HARWELL, L.C.; ALIFITA, H.V. The ecological condition of Veracruz, Mexico estuaries. *Environmental Monitoring and Assessment*, 133(1-3), 177-185, 2007.
- (2044) MACKEN, A.; GILTRAP, M.; FOLEY, B.; MCGOVERN, E.; MCHUGH, B.; DAVOREN, M. A model compound study: the ecotoxicological evaluation of five organic contaminants employing a battery of marine bioassays. *Environmental Pollution*, 153(3), 627-637, 2008. [TBT; triphenyltin; benzo(a)pyrene; fluoranthene; PCB-153]
- (2045) MOHR, F.C.; LASLEY, B.; BURSIA, S. Chronic oral exposure to bunker C fuel oil causes adrenal insufficiency in ranch mink (*Mustela vison*). *Archives of Environmental Contamination and Toxicology*, 54(2), 337-347, 2008.
- (2046) NEMIROVSKAYA, I.A. Hydrocarbons in the bottom sediments of the Northern Dvina estuary. *Water Research*, 34(6), 699-706, 2007. [Aliphatic hydrocarbons; PAHs]
- (2047) NFON, E.; COUSINS, I.T.; BROMAN, D. Biomagnification of organic pollutants in benthic and pelagic marine food chains from the Baltic Sea. *Science of the Total Environment*, 397(1-3), 190-204, 2008. [PAHs; PCBs; coronene; HCHs; lindane; DDTs; chlordanes; dieldrin; PCNs]
- (2048) OLIVEIRA, M.; PACHECO, M.; SANTOS, M.A. Organ specific antioxidant responses in golden grey mullet (*Liza aurata*) following a short-term exposure to phenanthrene. *Science of the Total Environment*, 396(1), 70-78, 2008. [PAHs]

- (2049) OUDOT, J., (ORGANISER). Pollution petroliere et ocean. Seminaire de l'Institut oceanographique de Paris, Mardi 3 fevrier 2004. *Oceanis*, 30(4), 445-598, 2004.
- (2050) PASCUAL, A.; RODRIGUEZ-LAZARO, J.; MARTIN-RUBIO, M.; JOUANNEAU, J.-M.; WEBER, O. A survey of the benthic microfauna (foraminifera, Ostracoda) on the Basque shelf, southern Bay of Biscay. *Journal of Marine Systems*, 72(1-4), 35-63, 2008. [Oil pollution; Prestige]
- (2051) PAVILLON, J.-F. Petrole et ecosystemes marins. *Oceanis*, 30(4), 491-576, 2004. [Oil spills; Amoco Cadiz; Exxon Valdez]
- (2052) SALIOT, A. Evolution de la pollution de l'ocean mondial et de la Mediterranee par les hydrocarbures sur les quarante dernieres annees (1960-2000). *Oceanis*, 30(4), 449-459, 2004. [Oil pollution]
- (2053) SERRA-SOGAS, N.; O'HARA, P.D.; CANESSA, R.; KELLER, P.; PELOT, R. Visualization of spatial patterns and temporal trends for aerial surveillance of illegal oil discharges in western Canadian marine waters. *Marine Pollution Bulletin*, 56(5), 825-833, 2008.
- (2054) SOLE, M.; LOBERA, G.; LIMA, D.; REIS-HENRIQUES, M.A.; SANTOS, M.M. Esterases activities and lipid peroxidation levels in muscle tissue of the shanny *Lipophrys pholis* along several sites from the Portuguese Coast. *Marine Pollution Bulletin*, 56(5), 999-1007, 2008. [Cr; Ni; Pb; PAH]
- (2055) TUDOR, D.T.; WILLIAMS, A.T. Important aspects of beach pollution to managers: Wales and the Bristol Channel, UK. *Journal of Coastal Research*, 24(3), 735-745, 2008. [Litter; sewage; oil]
- (2056) VAN METRE, P.C.; MESNAGE, V.; LAIGNEL, B.; MOTELAY, A.; DELOFFRE, J. Origins of sediment-associated contaminants to the Marais Vernier, the Seine Estuary, France. *Water, Air, and Soil Pollution*, 191(1-4), 331-344, 2008. [Al; arsenic; Cd; Cr; Cu; Ca; Hg; Ni; Pb; Zn; PAHs; anthracene; benz(a)anthracene; benzo(a)pyrene; chrysene; fluoranthene; phenanthrene; pyrene]
- (2057) VENTURINI, N.; MUNIZ, P.; BICEGO, M.C.; MARTINS, C.C.; TOMMASI, L.R. Petroleum contamination impact on macrobenthic communities under the influence of an oil refinery: integrating chemical and biological multivariate data. *Estuarine, Coastal and Shelf Science*, 78(3), 457-467, 2008. [PAH]
- (2058) VIARENGO, A.; DONDERO, F.; PAMPANIN, D.M.; FABBRI, R.; POGGI, E.; MALIZIA, M.; BOLOGNESI, C.; PERRONE, E.; GOLLO, E.; COSSA, G.P. A biomonitoring study assessing the residual biological effects of pollution caused by the HAVEN wreck on marine organisms in the Ligurian Sea (Italy). *Archives of Environmental Contamination and Toxicology*, 53(4), 607-616, 2007. [Oil spill]

### Section 3: Metals

- (2059) ABRAHIM, G.M.S.; PARKER, R.J. Assessment of heavy metal enrichment factors and the degree of contamination in marine sediments from Tamaki Estuary, Auckland, New Zealand. *Environmental Monitoring and Assessment*, 136(1-3), 227-238, 2008. [Cd; Cu; Pb; Zn]
- (2060) ALVAREZ-IGLESIAS, P.; RUBIO, B. The degree of trace metal pyritization in subtidal sediments of a mariculture area: application to the assessment of toxic risk. *Marine Pollution Bulletin*, 56(5), 973-983, 2008. [Arsenic; Cd; Cr; Cu; Mn; Ni; Pb; Zn]
- (2061) AUSLANDER, M.; YUDKOVSKI, Y.; CHALIFA-CASPI, V.; HERUT, B.; OPHIR, R.; REINHARDT, R.; NEUMANN, P.M.; TOM, M. Pollution-affected fish hepatic transcriptome and its expression patterns on exposure to cadmium. *Marine Biotechnology*, 10(3), 250-261, 2008. [Cd]
- (2062) BIRCH, G.; O'HEA, L. The chemistry of suspended particulate material in a highly contaminated embayment of Port Jackson (Australia) under quiescent, high-wind and heavy-rainfall conditions. *Environmental Geology*, 53(3), 501-516, 2007. [Cd; Co; Cr; Cu; Ni; Pb; Zn]
- (2063) BROOKS, S.; LINDBERG, S.; SOUTHWORTH, G.; ARIMOTO, R. Springtime atmospheric mercury speciation in the McMurdo, Antarctica coastal region. *Atmospheric Environment*, 42(12), 2885-2893, 2008. [Hg]
- (2064) BURGER, J.; GOCHFELD, M.; SULLIVAN, K.; IRONS, D.; MCKNIGHT, A. Arsenic, cadmium, chromium, lead, manganese, mercury, and selenium in feathers of Black-legged Kittiwake (*Rissa tridactyla*) and Black Oystercatcher (*Haematopus bachmani*) from Prince William Sound, Alaska. *Science of the Total Environment*, 398(1-3), 20-25, 2008. [Cd; Cr; Hg; Mn; Pb; Se]
- (2065) CEBRIAN, E.; URIZ, M.J. Contrasting effects of heavy metals on sponge cell behavior. *Archives of Environmental Contamination and Toxicology*, 53(4), 552-558, 2007. [Cd; Cu; Hg]
- (2066) CHAMPOUX, L.; RODRIGUE, J.; TRUDEAU, S.; BOILY, M.H.; SPEAR, P.A.; HONTELA, A. Contamination and biomarkers in the great blue heron, an indicator of the state of the St. Lawrence River. *Ecotoxicology*, 15(1), 83-96, 2006. [Hg; PCBs; p,p'-DDE; HCH; mirex; nonachlor]
- (2067) CHERNOVA, E.N.; SERGEEVA, O.S. Metal concentrations in Sargassum algae from coastal waters of Nha Trang Bay (South China Sea). *Russian Journal of Marine Biology*, 34(1), 57-63, 2008. [Fe; Mn; Cu; Zn; Cd; Pb; Ni]
- (2068) CHEUNG, K.C.; LEUNG, H.M.; WONG, M.H. Metal concentrations of common freshwater and marine fish from the Pearl River Delta, South China. *Archives of Environmental Contamination and Toxicology*, 54(4), 705-715, 2008. [Arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Zn]
- (2069) COELHO, J.P.; NUNES, M.; DOLBETH, M.; PEREIRA, M.E.; DUARTE, A.C.; PARDAL, M.A. The role of two sediment-dwelling invertebrates on the mercury transfer from sediments to the estuarine trophic web. *Estuarine, Coastal and Shelf Science*, 78(3), 505-512, 2008. [Hg]
- (2070) COPES, R.; CLARK, N.A.; RIDEOUT, K.; PALATY, J.; TESCHKE, K. Uptake of cadmium from Pacific oysters (*Crassostrea gigas*) in British Columbia oyster growers. *Environmental Research*, 107(2), 160-169, 2008. [Cd]
- (2071) CUONG, D.T.; KARUPPIAH, S.; OBBARD, J.P. Distribution of heavy metals in the dissolved and suspended phase of the sea-surface microlayer, seawater column and in sediments of Singapore's coastal environment. *Environmental Monitoring and Assessment*, 138(1-3), 255-272, 2008. [Arsenic; Cd; Cr; Cu; Ni; Pb; Zn]
- (2072) FASULO, S.; MAUCERI, A.; GIANNETTO, A.; MAISANO, M.; BIANCHI, N.; PARRINO, V. Expression of metallothionein mRNAs by in situ hybridization in the gills of *Mytilus galloprovincialis*, from natural polluted environments. *Aquatic Toxicology*, 88(1), 62-68, 2008. [Cd; Cr; Cu; Pb; Zn]

- (2073) FINKELSTEIN, M.E.; GRASMAN, K.A.; CROLL, D.A.; TERSHY, B.R.; KEITT, B.S.; JARMAN, W.M.; SMITH, D.R. Contaminant-associated alteration of immune function in black-footed albatross (*Phoebastria nigripes*), a North Pacific predator. *Environmental Toxicology and Chemistry*, 26(9), 1896-1903, 2007. [Ag; arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Se; Sn; Zn; PCBs; DDTs; chlordanes; HCB]
- (2074) FRENCH, B.; TURNER, A. Mobilization, adsorption, and bioavailability of Pt and Pd in coastal sediments: the role of the polychaete, *Arenicola marina*. *Environmental Science and Technology*, 42(10), 3543-3549, 2008.
- (2075) FRIAS-ESPERICUETA, M.G.; CASTRO-LONGORIA, R.; BARRON-GALLARDO, G.J.; OSUNA-LOPEZ, J.I.; ABAD-ROSALES S.M.; PAEZ-OSUNA, F.; VOLTOLINA, D. Histological changes and survival of *Litopenaeus vannamei* juveniles with different copper concentrations. *Aquaculture*, 278(1-4), 97-100, 2008. [Cu]
- (2076) GAMBI, M.C.; DAPPIANO, M., (EDITORS). Mediterranean marine benthos: a manual of methods for its sampling and study. *Biologia Marina Mediterranea*, 11(Suppl.1), xi, 1-604, 2004.
- (2077) GUILHERME, S.; VALEGA, M.; PEREIRA, M.E.; SANTOS, M.A.; PACHECO, M. Antioxidant and biotransformation responses in *Liza aurata* under environmental mercury exposure - relationship with mercury accumulation and implications for public health. *Marine Pollution Bulletin*, 56(5), 845-859, 2008. [Hg]
- (2078) HALL, L.W.; ANDERSON R.D.; LEWIS, B.L.; ARNOLD, W.R. The influence of salinity and dissolved organic carbon on the toxicity of copper to the estuarine copepod, *Eurytemora affinis*. *Archives of Environmental Contamination and Toxicology*, 54(1), 44-56, 2008. [Cu]
- (2079) HAN, T.; HAN, Y.-S.; PARK, C.Y.; JUN, Y.S.; KWON, M.J.; KANG, S.-H.; BROWN, M.T. Spore release by the green alga *Ulva*: a quantitative assay to evaluate aquatic toxicants. *Environmental Pollution*, 153(3), 699-705, 2008. [Cd; Cu; Pb; Zn; acetone; ethanol; formalin; methanol; TBTO]
- (2080) HARVEY, J.; HARWELL, L.; SUMMERS, J.K. Contaminant concentrations in whole-body fish and shellfish from US estuaries. *Environmental Monitoring and Assessment*, 137(1-3), 403-412, 2008. [23 PAH compounds; 21 PCB congeners; 6 DDT derivatives and metabolites; 14 chlorinated pesticides; 13 metals]
- (2081) IMO, S.T.; SHEIKH, M.A.; SAWANO, K.; FUJIMURA, H.; OOMORI, T. Distribution and possible impacts of toxic organic pollutants on coral reef ecosystems around Okinawa Island, Japan. *Pacific Science*, 62(3), 317-326, 2008. [Monobutyltin; dibutyltin; TBT; monophenyltin; diphenyltin; triphenyltin; aldrin; dieldrin; HCHs; PCBs]
- (2082) IVANINA, A.V.; SOKOLOVA, I.M. Effects of cadmium exposure on expression and activity of P-glycoprotein in eastern oysters, *Crassostrea virginica* Gmelin. *Aquatic Toxicology*, 88(1), 19-28, 2008. [Cd]
- (2083) JARTUN, M.; OTTESEN, R.T.; STEINNES, E.; VOLDEN, T. Runoff of particle bound pollutants from urban impervious surfaces studied by analysis of sediments from stormwater traps. *Science of the Total Environment*, 396(2/3), 147-163, 2008. [PAHs; PCBs; arsenic; Cd; Cr; Cu; Hg; Ni]
- (2084) JULSHAMN, K.; DUINKER, A.; FRANTZEN, S.; TORKILDSEN, L.; MAAGE, A. Organ distribution and food safety aspects of cadmium and lead in great scallops, *Pecten maximus* L., and horse mussels, *Modiolus modiolus* L., from Norwegian waters. *Bulletin of Environmental Contamination and Toxicology*, 80(4), 385-389, 2008. [Cd; Pb]
- (2085) KARBASSI, A.R.; NOURI, J.; MEHRDADI, N.; AYAZ, G.O. Flocculation of heavy metals during mixing of freshwater with Caspian Sea water. *Environmental Geology*, 53(8), 1811-1816, 2008. [Cu; Mn; Ni; Pb; Zn]

- (2086) KLENKIN, A.A.; PAVLENKO, L.F.; KORPAKOVA, I.G.; STUDENKINA, E.I. Characterization of the Azov Sea bottom sediments by the degree of present pollution with a complex of most hazardous toxicants. [In Russian]. *Vodnye Resursy*, 35(1), 88-92, 2008.
- (2087) KOUKOUZIKA, N.; DIMITRIADIS, V.K. Aspects of the usefulness of five marine pollution biomarkers, with emphasis on MN and lipid content. *Marine Pollution Bulletin*, 56(5), 941-949, 2008. [Phenanthrene; Cd; Cu; Hg; acetone]
- (2088) KRUITWAGEN, G.; PRATAP, H.B.; COVACI, A.; WENDELAAR BONGA, S.E. Status of pollution in mangrove ecosystems along the coast of Tanzania. *Marine Pollution Bulletin*, 56(5), 1022-1030, 2008. [Al; Cd; Co; Cr; Cu; Fe; Ni; Pb; Sn; Zn; DDTs; HCB; HCHs; PCB congeners; TBT; monobutyltin; dibutyltin; tetrabutyltin; monophenyltin; diphenyltin; triphenyltin]
- (2089) LABONNE, M.; MORIZE, E.; KULBICKI, M.; PONTON, D.; MAREC, L. Otolith chemical signature and growth of *Chaetodon speculum* in coastal areas of New Caledonia. *Estuarine, Coastal and Shelf Science*, 78(3), 493-504, 2008. [Anthropogenic stress; domestic waste; mining activity; industrial waste; Ba; Co; Cu; Li; Mg; Ni; Rb; Sr]
- (2090) LAHBIB, Y.; ABIDLI, S.; EL MENIF, N.T. Imposex level and penis malformation in *Hexaplex trunculus* from the Tunisian coast. *American Malacological Bulletin*, 24(1/2), 79-89, 2008. [TBT]
- (2091) LEE, S.; LEE, E.; RA, J.; LEE, B.; KIM, S.; CHOI, S.H.; KIM, S.D.; CHO, J. Characterization of marine organic matters and heavy metals with respect to desalination with RO and NF membranes. *Desalination*, 221(1-3), 244-252, 2008. [Ag; Al; arsenic; Cd; Cu; Fe; Hg; Mn; Pb; Sb; Zn]
- (2092) LEORRI, E.; CEARRETA, A.; IRABIEN, M.J.; YUSTA, I. Geochemical and microfaunal proxies to assess environmental quality conditions during the recovery process of a heavily polluted estuary: the Bilbao estuary case (N. Spain). *Science of the Total Environment*, 396(1), 12-27, 2008. [Arsenic; Cr; Cu; Ni; Pb; Zn]
- (2093) LI, E.; XIONG, Z.; CHEN, L.; ZENG, C.; LI, K. Acute toxicity of boron to juvenile white shrimp, *Litopenaeus vannamei*, at two salinities. *Aquaculture*, 278(1-4), 175-178, 2008.
- (2094) LI, G.-H.; CAO, Z.-M.; LAN, D.-Z.; XU, J.; GUAN, W. Variation of depositional environment and accumulation of heavy metals in West Harbour, Xiamen. *Earth Science*, 33(1), 124-130, 2008. [Arsenic; Cd; Cr; Cu; Hg; Pb; Zn]
- (2095) LOSETO, L.L.; STERN, G.A.; FERGUSON, S.H. Size and biomagnification: how habitat selection explains beluga mercury levels. *Environmental Science and Technology*, 42(11), 3982-3988, 2008. [Hg]
- (2096) MACAULEY, J.M.; HARWELL, L.C.; ALIFITA, H.V. The ecological condition of Veracruz, Mexico estuaries. *Environmental Monitoring and Assessment*, 133(1-3), 177-185, 2007.
- (2097) MACKEN, A.; GILTRAP, M.; FOLEY, B.; MCGOVERN, E.; MCHUGH, B.; DAVOREN, M. A model compound study: the ecotoxicological evaluation of five organic contaminants employing a battery of marine bioassays. *Environmental Pollution*, 153(3), 627-637, 2008. [TBT; triphenyltin; benzo(a)pyrene; fluoranthene; PCB-153]
- (2098) MARI, X.; ROBERT, M. Metal induced variations of TEP sticking properties in the southwestern lagoon of New Caledonia. *Marine Chemistry*, 110(1/2), 98-108, 2008. [Eutrophication gradient]
- (2099) MATHEWS, T.; FISHER, N.S. Evaluating the trophic transfer of cadmium, polonium, and methylmercury in an estuarine food chain. *Environmental Toxicology and Chemistry*, 27(5), 1093-1101, 2008. [Cd; Po; Hg]
- (2100) MERCER, K.L.; TOBIASON, J.E. Removal of arsenic from high ionic strength solutions: effects of ionic strength, pH, and preformed versus in situ formed HFO. *Environmental Science and Technology*, 42(10), 3797-3802, 2008.

- (2101) MIKULIC, N.; ORESCANIN, V.; ELEZ, L.; PAVICIC, L.; PEZELJ, D.; LOVRENCIC, I.; LULIC, S. Distribution of trace elements in the coastal sea sediments of Maslinica Bay, Croatia. *Environmental Geology*, 53(7), 1413-1419, 2008. [Cr; Cu; Pb; Zn]
- (2102) MORFORD, J.L.; KALNEJAIS, L.H.; HELMAN, P.; YEN, G.; REINARD, M. Geochemical cycling of silver in marine sediments along an offshore transect. *Marine Chemistry*, 110(1/2), 77-88, 2008. [Ag]
- (2103) NETO, J.A.B.; GINGELE, F.X.; LEIPE, T.; BREHME, I. Spatial distribution of heavy metals in surficial sediments from Guanabara Bay: Rio de Janeiro, Brazil. *Environmental Geology*, 49(7), 1051-1063, 2006.
- (2104) PACHE, T.; BROCKAMP, O.; CLAUER, N. Varied pathways of river-borne clay minerals in a near-shore marine region: a case study of sediment from the Elbe- and Weser rivers and the SE North Sea. *Estuarine, Coastal and Shelf Science*, 78(3), 563-575, 2008. [Cu; Pb; Zn]
- (2105) PARK, G.S. The role and distribution of total suspended solids in the macrotidal coastal waters of Korea. *Environmental Monitoring and Assessment*, 135(1-3), 153-162, 2007.
- (2106) PRATO, E.; SCARDICCHIO, C.; BIANCOLINO, F. Effects of temperature on the acute toxicity of cadmium to *Corophium insidiosum*. *Environmental Monitoring and Assessment*, 136(1-3), 161-166, 2008. [Cd]
- (2107) PREGO, R.; FILGUEIRAS, A.V.; SANTOS-ECHEANDIA, J. Temporal and spatial changes of total and labile metal concentration in the surface sediments of the Vigo Ria (NW Iberian Peninsula): influence of anthropogenic sources. *Marine Pollution Bulletin*, 56(5), 1031-1042, 2008. [Cd; Cu; Fe; Ni; V; Zn]
- (2108) RANALDI, M.M.; GAGNON, M.M. Zinc incorporation in the otoliths of juvenile pink snapper (*Pagrus auratus* Forster): the influence of dietary versus waterborne sources. *Journal of Experimental Marine Biology and Ecology*, 360(1), 56-62, 2008. [Zn]
- (2109) ROSEN, G.; OSORIO-ROBAYO, A.; RIVERA-DUARTE, I.; LAPOTA, D. Comparison of bioluminescent dinoflagellate (QwikLite) and bacterial (Microtox) rapid bioassays for the detection of metal and ammonia toxicity. *Archives of Environmental Contamination and Toxicology*, 54(4), 606-611, 2008.
- (2110) ROUHI, A.; SIF, J.; FERSSIWI, A.; CHEMAA, A. Bioaccumulation de quelques elements metalliques par deux especes d'Annelides Polychetes du littoral de Jorf Lasfar (region d'El Jadida, Maroc). *Bulletin de l'Institut Scientifique. Rabat*, (29), 81-87, 2007. [Al; Cd; Cr; Cu; Fe; Mn; Zn]
- (2111) RUSH, S.A.; BORGA, K.; DIETZ, R.; BORN, E.W.; SONNE, C.; EVANS, T.; MUIR, D.C.G.; LETCHER, R.J.; NORSTROM, R.J.; FISK, A.T. Geographic distribution of selected elements in the livers of polar bears from Greenland, Canada and the United States. *Environmental Pollution*, 153(3), 618-626, 2008. [Ag; arsenic; Ba; Cd; Co; Cr; Cu; Ga; Hg; La; Li; Mn; Mo; Ni; Pb; Pt; Rb; Sc; Se; Sr; V; Zn]
- (2112) SAFRAI, I.; ZASK, A. Reverse osmosis desalination plants - marine environmentalist regulator point of view. *Desalination*, 220(1-3), 72-84, 2008. [Fe; red brine]
- (2113) SAJWAN, K.S.; KUMAR, K.S.; PARAMASIVAM, S.; COMPTON S.S.; RICHARDSON, J.P. Elemental status in sediment and American oyster collected from Savannah Marsh/estuarine ecosystem: a preliminary assesment. *Archives of Environmental Contamination and Toxicology*, 54(2), 245-258, 2008. [Al; As; B; Cd; Cr; Cu; Fe; Hg; Mn; Mo; Ni; Pb; Si; Zn]
- (2114) SARABIA, R.; DEL RAMO, J.; VARO, I.; DIAZ-MAYANS, J.; TORREBLANCA, A. Sublethal zinc exposure has a detrimental effect on reproductive performance but not on the cyst hatching success of *Artemia parthenogenetica*. *Science of the Total Environment*, 398(1-3), 48-52, 2008. [Zn]



- (2115) SEN, H.; SUNLU, U. Effects of cadmium (CdCl<sub>2</sub>) on development and hatching of eggs in European squid (*Loligo vulgaris* Lamarck, 1798) (Cephalopoda: Loliginidae). *Environmental Monitoring and Assessment*, 133(1-3), 371-378, 2007. [Cd]
- (2116) SOLE, M.; LOBERA, G.; LIMA, D.; REIS-HENRIQUES, M.A.; SANTOS, M.M. Esterases activities and lipid peroxidation levels in muscle tissue of the shanny *Lipophrys pholis* along several sites from the Portuguese Coast. *Marine Pollution Bulletin*, 56(5), 999-1007, 2008. [Cr; Ni; Pb; PAH]
- (2117) SOLI, A.L.; STEWART, Z.I.; BYRNE, R.H. The influence of temperature on PbCO<sub>3</sub> formation in seawater. *Marine Chemistry*, 110(1/2), 1-6, 2008. [Pb]
- (2118) SRINIVASALU, S.; THANGADURAI, N.; JONATHAN, M.P.; ARMSTRONG-ALTRIN, J.S.; AYYAMPERUMAL, T.; RAM-MOHAN, V. Evaluation of trace-metal enrichments from the 26 December 2004 tsunami sediments along the southeast coast of India. *Environmental Geology*, 53(8), 1711-1721, 2008. [Co; Cr; Cu; Ni; Pb; Zn]
- (2119) TRANCHINA, L.; BASILE, S.; BRAI, M.; CARUSO, A.; COSENTINO, C.; MICCICHE, S. Distribution of heavy metals in marine sediments of Palermo Gulf (Sicily, Italy). *Water, Air, and Soil Pollution*, 191(1-4), 245-256, 2008. [Cr; Cu; Hg; Pb; Zn]
- (2120) UDOSEN, E.D.; BENSON, N.U.; ESSIEN, J.P. Trends in heavy metals and total hydrocarbon burdens in Stubbs Creek, a tributary of Qua Iboe Estuary, Nigeria. *Trends in Applied Sciences Research*, 2(4), 312-319, 2007. [Co; Fe; Ni; Pb; V; Zn]
- (2121) VAN METRE, P.C.; MESNAGE, V.; LAIGNEL, B.; MOTELAY, A.; DELOFFRE, J. Origins of sediment-associated contaminants to the Marais Vernier, the Seine Estuary, France. *Water, Air, and Soil Pollution*, 191(1-4), 331-344, 2008. [Al; arsenic; Cd; Cr; Cu; Ca; Hg; Ni; Pb; Zn; PAHs; anthracene; benz(a)anthracene; benzo(a)pyrene; chrysene; fluoranthene; phenanthrene; pyrene]
- (2122) WAN, L.; WANG, N.B.; LI, Q.B.; ZHOU, Z.C.; SUN, B.; XUE, K.; MA, Z.Q.; TIAN, J.; DU, N. Estival distribution of dissolved metal concentrations in Liaodong Bay. *Bulletin of Environmental Contamination and Toxicology*, 80(4), 311-314, 2008. [Cd; Cu; Pb; Zn]
- (2123) XUE, H-X.; HE, J.; FAN, Q.-Y.; LU, C.-W.; SUN, Y.; LIANG, Y.; SA, R-L.; SHEN, L.-L. The impact of sediment composition species distribution in Baotou section of the Yellow River. *Journal of Agro-Environment Science*, 27(2), 716-720, 2008. [Cu; Pb; Zn; Cd]
- (2124) YANG, G.; KILLE, P.; FORD, A.T. Infertility in a marine crustacean: have we been ignoring pollution impacts on male invertebrates? *Aquatic Toxicology*, 88(1), 81-87, 2008. [Intersex; endocrine disruption; stress; Loch Fleet; Thurso; Inverkeithing; Cd; Cr; Cu; Hg; Ni; Pb; Zn; DDTs; dieldrin; HCB; contaminant levels in *Mytilus edulis*]
- (2125) YAROSLAVTSEVA, L.M.; SERGEEVA, E.P. Effect of temperature on early development of the Pacific mussel *Mytilus trossulus* (*Bivalvia: Mytilidae*) in sea water polluted by copper ions. *Russian Journal of Marine Biology*, 33(6), 375-380, 2007. [Cu]
- (2126) ZHANG, Y.Y.; ZHANG, E.R.; ZHANG, J. Modeling on adsorption-desorption of trace metals to suspended particle matter in the Changjiang Estuary. *Environmental Geology*, 53(8), 1751-1766, 2008. [Cu; Ni; Zn; Cd; Co]
- (2127) ZHU, A.-Y.; XIE, J.-Y. Effects of cadmium on serum transferrin and erythrocytes of *Boleophthalmus pectinirostris*. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 38(6), 590-594, 2007. [Cd]

## Section 4: Radioactivity

- (2128) HOBDAY, A.J. Impact of climate change on pelagic fishes. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.94-101. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; wind; UV; pH; anthropogenic stress]
- (2129) KASHUBSKY, M. MARIS: what is it? *Maritime Studies*, 158, p.32, 2008.
- (2130) KUNZ, T.J.; RICHARDSON, A.J. Impacts of climate change on phytoplankton. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.8-18. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [UV; pH; sea surface temperature; rainfall; wind stress and currents; anthropogenic stress]
- (2131) MCLEAN, R.I.; ABBE, G.R. Characteristics of *Crassostrea ariakensis* (Fujita 1913) and *Crassostrea virginica* (Gmelin 1791) in the discharge area of a nuclear power plant in central Chesapeake Bay. *Journal of Shellfish Research*, 27(3), 517-523, 2008. [Ag-110m; Co-60; Co-58]
- (2132) OKEY, T.A.; ENGSTROM, N.; BABCOCK, R. Impacts of climate change on kelp. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.44-52. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; wind and currents; UV; acidification; anthropogenic stress]
- (2133) OKEY, T.A.; HOBDAY, A.J. Impacts of climate change on benthic and demersal fishes. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.88-93. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; winds; rainfall; UV; anthropogenic stress]
- (2134) POLOCZANSKA, E.S. Impacts of climate change on seagrasses. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.27-35. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; currents and wind stress; UV; anthropogenic stress]
- (2135) POLOCZANSKA, E.S.; BABCOCK, R. Impacts of climate change on rocky shores. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.53-58. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. (Temperature; rainfall; currents; UV; pH; anthropogenic stress)
- (2136) POLOCZANSKA, E.S.; MILTON, D. Impacts of climate change on marine turtles. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.102-109. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; currents; UV; anthropogenic stress]
- (2137) POLOCZANSKA, E.V. Impacts of climate change on mangroves. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.36-43. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; currents; UV; anthropogenic stress; CO<sub>2</sub>]
- (2138) RICHARDSON, A.J. Impacts of climate change on zooplankton. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.19-26. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Sea surface temperature; pH; UV; stratification; anthropogenic stress]

(2139) YII, M.W.; ZAHARUDIN, A.; NORFAIZAL, M. Concentration of radiocaesium  $^{137}\text{Cs}$  and  $^{134}\text{Cs}$  in sediments of the Malaysian marine environment. *Applied Radiation and Isotopes*, 65(12), 1389-1395, 2007.

## Section 5: Other Chemicals

- (2140) ANDREW, M.N.; DUNSTAN, R.H.; O'CONNOR, W.A.; VAN ZWIETEN, L.; NIXON, B.; MACFARLANE, G.R. Effects of 4-nonylphenol and 17 alpha-ethynylestradiol exposure in the Sydney rock oyster, *Saccostrea glomerata*: vitellogenin induction and gonadal development. *Aquatic Toxicology*, 88(1), 39-47, 2008.
- (2141) ARMITAGE, J.M.; COUSINS, I.T.; PERSSON, N.J.; GUSTAFSSON, O.; CORNELISSEN, G.; SALORANTA, T.; BROMAN, D.; NAES, K. Black carbon-inclusive modeling approaches for estimating the aquatic fate of dibenzo-p-dioxins and dibenzofurans. *Environmental Science and Technology*, 42(10), 3697-3703, 2008. [PCDDs; PCDFs]
- (2142) BARTOLI, M.; NIZZOLI, D.; CASTALDELLI, G.; VIAROLI, P. Community metabolism and buffering capacity of nitrogen in a *Ruppia cirrhosa* meadow. *Journal of Experimental Marine Biology and Ecology*, 360(1), 21-30, 2008. [Nutrient loading]
- (2143) CALZA, P.; MASSOLINO, C.; PELIZZETTI, E.; MINERO, C. Solar driven production of toxic halogenated and nitroaromatic compounds in natural seawater. *Science of the Total Environment*, 398(1-3), 196-202, 2008. [Phenol; sunlight; *Vibrio fischeri*; 1,4-benzoquinone; resorcinol; 2,3-dichlorophenol; 2-bromophenol; 4-bromophenol; 2-nitrophenol; 4-nitrophenol; bisphenol; phenoxyphenol]
- (2144) CHAMPOUX, L.; RODRIGUE, J.; TRUDEAU, S.; BOILY, M.H.; SPEAR, P.A.; HONTELA, A. Contamination and biomarkers in the great blue heron, an indicator of the state of the St. Lawrence River. *Ecotoxicology*, 15(1), 83-96, 2006. [Hg; PCBs; p,p'-DDE; HCH; mirex; nonachlor]
- (2145) CHANDRU, K.; ZAKARIA, M.P.; ANITA, S.; SHAHBAZI, A.; SAKARI, M.; BAHRY, P.S.; MOHAMED, C.A.R. Characterization of alkanes, hopanes, and polycyclic aromatic hydrocarbons (PAHs) in tar-balls collected from the East Coast of Peninsular Malaysia. *Marine Pollution Bulletin*, 56(5), 950-962, 2008. [Oil spill]
- (2146) COMEAU, F.; SURETTE, C.; BRUN, G.L.; LOSIER, R. The occurrence of acidic drugs and caffeine in sewage effluents and receiving waters from three coastal watersheds in Atlantic Canada. *Science of the Total Environment*, 396(2/3), 132-146, 2008. [Pharmaceuticals; bezafibrate; clofibrac acid; diclofenac; fenoprofen; gemfibrozil; ibuprofen; indomethacin; ketoprofen; naproxen; salicylic acid]
- (2147) COMMENDATORE, M.G.; ESTEVES, J.L. An assessment of oil pollution in the coastal zone of Patagonia, Argentina. *Environmental Management*, 40(5), 814-821, 2007.
- (2148) COOPER, E.R.; SIEWICKI, T.C.; PHILLIPS, K. Preliminary risk assessment database and risk ranking of pharmaceuticals in the environment. *Science of the Total Environment*, 398(1-3), 26-33, 2008. [Emphasis on antibiotics and statin drugs]
- (2149) CZUB, G.; WANIA, F.; MCLACHLAN, S. Combining long-range transport and bioaccumulation considerations to identify potential Arctic contaminants. *Environmental Science and Technology*, 42(10), 3704-3709, 2008.
- (2150) DANOVARO, R.; BONGIORNI, L.; CORINALDESI, C.; GIOVANNELLI, D.; DAMIANI, E.; ASTOLFI, P.; GRECI, L.; PUSCEDDU, A. Sunscreens cause coral bleaching by promoting viral infections. *Environmental Health Perspectives*, 116(4), 441-447, 2008.
- (2151) DELORENZO, M.E.; FLEMING, J. Individual and mixture effects of selected pharmaceuticals and personal care products on the marine phytoplankton species *Dunaliella tertiolecta*. *Archives of Environmental Contamination and Toxicology*, 54(2), 203-210, 2008. [Simvastatin; clofibrac acid; diclofenac; carbamazepine; fluoxetine; triclosan]
- (2152) DELORENZO, M.E.; SERRANO, L. Mixture toxicity of the antifouling compound irgarol to the marine phytoplankton species *Dunaliella tertiolecta*. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants and Agricultural Wastes*, 41(8), 1349-1360, 2006.

- (2153) DROGE, S.T.J.; POSTMA, J.F.; HERMENS, J.L.M. Sediment toxicity of a rapidly biodegrading nonionic surfactant: comparing the equilibrium partitioning approach with measurements in pore water. *Environmental Science and Technology*, 42(11), 4215-4221, 2008. [Alcohol ethoxylate; AE]
- (2154) DU, S.; BELTON, T.J.; RODENBURG, L.A. Source apportionment of polychlorinated biphenyls in the tidal Delaware River. *Environmental Science and Technology*, 42(11), 4044-4051, 2008. [PCBs; Aroclors]
- (2155) ELLIOTT, J.E.; GUERTIN, D.A.; BALKE, J.M.E. Chlorinated hydrocarbon contaminants in feces of river otters from the southern Pacific coast of Canada, 1998-2004. *Science of the Total Environment*, 397(1-3), 58-71, 2008. [p,p'-DDE; HCB; PCB congeners; TCDD; PCDDs; PCDFs]
- (2156) EVANS, A.D.; NIPPER, M. The influence of biomass on the toxicity of hydrophobic organic contaminants. *Archives of Environmental Contamination and Toxicology*, 54(2), 219-225, 2008. [Phenanthrene; PAH; lindane]
- (2157) EWA, C.; BEATA, P.; GRZEGORZ, W. Comparison of the use of mussels and semipermeable membrane devices for monitoring and assessment of accumulation of mutagenic pollutants in marine environment in combination with a novel microbiological mutagenicity assay. *Environmental Monitoring and Assessment*, 149(1-3), 83-90, 2008.
- (2158) FABRY, V.J. Marine calcifiers in a high-CO<sub>2</sub> ocean. *Science*, 320(5879), 1020-1022, 2008. [Ocean acidification; coccolithophores]
- (2159) FAMIGLINI, G.; PALMA, P.; PIERINI, E.; TRUFELLI, H.; CAPPIELLO, A. Organochlorine pesticides by LC-MS. *Analytical Chemistry*, 80(9), 3445-3449, 2008. [Aldrin; DDTs; endosulfan; HCB; heptachlor; lindane; methoxychlor]
- (2160) FEELY, R.A.; SABINE, C.L.; HERNANDEZ-AYON, J.M.; IANSON, D.; HALES, B. Evidence for upwelling of corrosive "acidified" water onto the continental shelf. *Science*, 320(5882), 1490-1492, 2008. [CO<sub>2</sub>; pH]
- (2161) FERGUSON, P.L.; CHANDLER, G.T.; TEMPLETON, R.C.; DEMARCO, A.; SCRIVENS, W.A.; EGGLEHART, B.A. Influence of sediment - amendment with single-walled carbon nanotubes and diesel soot on bioaccumulation of hydrophobic organic contaminants by benthic invertebrates. *Environmental Science and Technology*, 42(10), 3879-3885, 2008. [PAHs; PBDE; PCB]
- (2162) FERREIRA, J.G.; VALE, C.; SOARES, C.V.; SALAS, F.; STACEY, P.E.; BRICKER, S.B.; SILVA, M.C.; MARQUES, J.C. Monitoring of coastal and transitional waters under the E.U. Water Framework Directive. *Environmental Monitoring and Assessment*, 135(1-3), 195-216, 2007.
- (2163) FINKELSTEIN, M.E.; GRASMAN, K.A.; CROLL, D.A.; TERSHY, B.R.; KEITT, B.S.; JARMAN, W.M.; SMITH, D.R. Contaminant-associated alteration of immune function in black-footed albatross (*Phoebastria nigripes*), a North Pacific predator. *Environmental Toxicology and Chemistry*, 26(9), 1896-1903, 2007. [Ag; arsenic; Cd; Cr; Cu; Hg; Ni; Pb; Se; Sn; Zn; PCBs; DDTs; chlordanes; HCB]
- (2164) FLEMING-LEHTINEN, V., (EDITOR). Helcom eutro: development of tools for a thematic eutrophication assessment for two Baltic Sea subregions, the Gulf of Finland and the Bothnian Bay. *Meri*, (61), 35p., 2007.
- (2165) FRIESEN, E.N.; IKONOMOU, M.G.; HIGGS, D.A.; ANG, K.P.; DUBETZ, C. Use of terrestrial based lipids in aquaculture feeds and the effects on flesh organohalogen and fatty acid concentrations in farmed Atlantic salmon. *Environmental Science and Technology*, 42(10), 3519-3523, 2008. [PCBs; PCDDs; PCDFs]
- (2166) GAMBI, M.C.; DAPPIANO, M., (EDITORS). Mediterranean marine benthos: a manual of methods for its sampling and study. *Biologia Marina Mediterranea*, 11(Suppl.1), xi, 1-604, 2004.

- (2167) GEISZ, H.N.; DICKHUT, R.M.; COCHRAN, M.A.; FRASER, W.R.; DUCKLOW, H.W. Melting glaciers: a probable source of DDT to the Antarctic marine ecosystem. *Environmental Science and Technology*, 42(11), 3958-3962, 2008.
- (2168) GOLDING, C.J.; GOBAS, F.A.P.C.; BIRCH, G.F. A fugacity approach for assessing the bioaccumulation of hydrophobic organic compounds from estuarine sediment. *Environmental Toxicology and Chemistry*, 27(5), 1047-1054, 2008. [HOCs; chrysene; benzo(a)pyrene; chlordanes; Aroclor 1254]
- (2169) GUNNARSSON, J.S.G. Interactions between organic enrichment and contaminants in marine benthic systems. 37p. + 7 papers. Fiskebackskil, Sweden: Department of Marine Ecology, Goteborg University, Kristineberg Marine Research Station, 1998. (Thesis) [PCBs; TBC; benzo(a)pyrene; eutrophication; hypoxia; PAH]
- (2170) HALL, A.J.; GULLAND, F.M.D.; YLITALO, G.M.; GREIG, D.J.; LOWENSTINE, L. Changes in blubber contaminant concentrations in California sea lions (*Zalophus californianus*) associated with weight loss and gain during rehabilitation. *Environmental Science and Technology*, 42(11), 4181-4187, 2008. [PCB congeners; PBDE congeners; chlordanes; HCHs]
- (2171) HAN, T.; HAN, Y.-S.; PARK, C.Y.; JUN, Y.S.; KWON, M.J.; KANG, S.-H.; BROWN, M.T. Spore release by the green alga *Ulva*: a quantitative assay to evaluate aquatic toxicants. *Environmental Pollution*, 153(3), 699-705, 2008. [Cd; Cu; Pb; Zn; acetone; ethanol; formalin; methanol; TBTO]
- (2172) HANCE, J.M.; ANDRZEJEWSKI, J.E.; PREDMORE, B.L.; DUNLAP, K.J. Cytotoxicity from sulfide exposure in a sulfide-tolerant marine invertebrate. *Journal of Experimental Marine Biology and Ecology*, 359(2), 102-109, 2008. [Glycera dibranchiata; hydrogen sulphide]
- (2173) HARVEY, J.; HARWELL, L.; SUMMERS, J.K. Contaminant concentrations in whole-body fish and shellfish from US estuaries. *Environmental Monitoring and Assessment*, 137(1-3), 403-412, 2008. [23 PAH compounds; 21 PCB congeners; 6 DDT derivatives and metabolites; 14 chlorinated pesticides; 13 metals]
- (2174) HAYNES, D.; BRODIE, J.; WATERHOUSE, J.; BAINBRIDGE, Z.; BASS, D.; HART, B. Assessment of the water quality and ecosystem health of the Great Barrier Reef (Australia): conceptual models. *Environmental Management*, 40(6), 993-1003, 2007.
- (2175) HILVARSSON, A. The antifoulant medetomidine: sublethal effects and bioaccumulation in marine organisms. 23p. + 5 papers. Fiskebackskil, Sweden: Department of Marine Ecology, Goteborg University, Kristineberg Marine Research Station, 2007. (Thesis)
- (2176) HOBDAJ, A.J.; OKEY, T.A.; POLOCZANSKA, E.S.; KUNZ, T.J.; RICHARDSON, A.J., (EDITORS). Impacts of climate change on Australian marine life. vii, 165p. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Including anthropogenic stress; temperature; CO<sub>2</sub>; acidification]
- (2177) HOCH, M.P.; DILLON, K.S.; COFFIN, R.B.; CIFUENTES, L.A. Sensitivity of bacterioplankton nitrogen metabolism to eutrophication in sub-tropical coastal waters of Key West, Florida. *Marine Pollution Bulletin*, 56(5), 913-926, 2008. [Nutrients; nitrogen loading]
- (2178) HOEGH-GULDBERG, O. Impacts on climate change on coral reefs. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.59-78. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; pH; CO<sub>2</sub>]
- (2179) IMO, S.T.; SHEIKH, M.A.; SAWANO, K.; FUJIMURA, H.; OOMORI, T. Distribution and possible impacts of toxic organic pollutants on coral reef ecosystems around Okinawa Island, Japan. *Pacific Science*, 62(3), 317-326, 2008. [Monobutyltin; dibutyltin; TBT; monophenyltin; diphenyltin; triphenyltin; aldrin; dieldrin; HCHs; PCBs]

(2180) JARTUN, M.; OTTESEN, R.T.; STEINNES, E.; VOLDEN, T. Runoff of particle bound pollutants from urban impervious surfaces studied by analysis of sediments from stormwater traps. *Science of the Total Environment*, 396(2/3), 147-163, 2008. [PAHs; PCBs; arsenic; Cd; Cr; Cu; Hg; Ni]

(2181) JOHNSON, L.L.; LOMAX, D.P.; MYERS, M.S.; OLSON, O.P.; SOL, S.Y.; O'NEILL, S.M.; WEST, J.; COLLIER, T.K. Xenoestrogen exposure and effects in English sole (*Parophrys vetulus*) from Puget Sound, WA. *Aquatic Toxicology*, 88(1), 29-38, 2008.

(2182) JU, X.; JIN, Y.; SASAKI, K.; SAITO, N. Perfluorinated surfactants in surface, subsurface water and microlayer from Dalian Coastal waters in China. *Environmental Science and Technology*, 42(10), 3538-3542, 2008. [Perfluorooctane sulfonate (PFOs); perfluorooctanoate (PFOA); PFCs]

(2183) KLENKIN, A.A.; PAVLENKO, L.F.; KORPAKOVA, I.G.; STUDENKINA, E.I. Characterization of the Azov Sea bottom sediments by the degree of present pollution with a complex of most hazardous toxicants. [In Russian]. *Vodnye Resursy*, 35(1), 88-92, 2008.

(2184) KOUKOUZIKA, N.; DIMITRIADIS, V.K. Aspects of the usefulness of five marine pollution biomarkers, with emphasis on MN and lipid content. *Marine Pollution Bulletin*, 56(5), 941-949, 2008. [Phenanthrene; Cd; Cu; Hg; acetone]

(2185) KRUITWAGEN, G.; PRATAP, H.B.; COVACI, A.; WENDELAAR BONGA, S.E. Status of pollution in mangrove ecosystems along the coast of Tanzania. *Marine Pollution Bulletin*, 56(5), 1022-1030, 2008. [Al; Cd; Co; Cr; Cu; Fe; Ni; Pb; Sn; Zn; DDTs; HCB; HCHs; PCB congeners; TBT; monobutyltin; dibutyltin; tetrabutyltin; monophenyltin; diphenyltin; triphenyltin]

(2186) LAAMANEN, M.; FLEMING-LEHTINEN, V.; KAUPPILA, P.; PITKANEN, H.; BACK, S.; JAANUS, A.; OLSONEN, R. The Gulf of Finland basin report. *Meri*, (61), 7-23, 2007. [Eutrophication; nutrients; transparency]

(2187) LAAMANEN, M.; FLEMING-LEHTINEN, V.; KAUPPILA, P.; PITKANEN, H.; OLSONEN, R. The Bothnian Bay basin report. *Meri*, (61), 25-35, 2007. [Eutrophication; nutrients; transparency]

(2188) LAHBIB, Y.; ABIDLI, S.; EL MENIF, N.T. Imposex level and penis malformation in *Hexaplex trunculus* from the Tunisian coast. *American Malacological Bulletin*, 24(1/2), 79-89, 2008. [TBT]

(2189) LAMB, K.; SWART, P.K. The carbon and nitrogen isotopic values of particulate organic material from the Florida Keys: a temporal and spatial study. *Coral Reefs*, 27(2), 351-362, 2008. [Nutrients; sewage]

(2190) LI, Z.; LEE, K.; KING, T.; BOUFADEL, M.C.; VENOSA, A.D. Assessment of chemical dispersant effectiveness in a wave tank under regular non-breaking and breaking wave conditions. *Marine Pollution Bulletin*, 56(5), 903-912, 2008. [MESA crude oil; Corexit EC9500A]

(2191) MACAULEY, J.M.; HARWELL, L.C.; ALIFITA, H.V. The ecological condition of Veracruz, Mexico estuaries. *Environmental Monitoring and Assessment*, 133(1-3), 177-185, 2007.

(2192) MACKEN, A.; GILTRAP, M.; FOLEY, B.; MCGOVERN, E.; MCHUGH, B.; DAVOREN, M. A model compound study: the ecotoxicological evaluation of five organic contaminants employing a battery of marine bioassays. *Environmental Pollution*, 153(3), 627-637, 2008. [TBT; triphenyltin; benzo(a)pyrene; fluoranthene; PCB-153]

(2193) MARTI-CID, R.; LLOBET, J.M.; CASTELL, V.; DOMINGO, J.L. Human exposure to polychlorinated naphthalenes and polychlorinated diphenyl ethers from foods in Catalonia, Spain: temporal trend. *Environmental Science and Technology*, 42(11), 4195-4201, 2008. [PCNs; PCDEs; fish; seafood]

(2194) MCKINLAY, R.; PLANT, J.A.; BELL, J.N.B.; VOULVOULIS, N. Calculating human exposure to endocrine disrupting pesticides via agricultural and non-agricultural exposure routes. *Science of the Total Environment*, 398(1-3), 1-12, 2008. [Review]

- (2195) MCMURDO, C.J.; ELLIS, D.A.; WEBSTER, E.; BUTLER, J.; CHRISTENSEN, R.D.; REID, L.K. Aerosol enrichment of the surfactant PFO and mediation of the water-air transport of gaseous PFOA. *Environmental Science and Technology*, 42(11), 3969-3974, 2008. [Perfluorooctanoate; PFOA]
- (2196) MYERS, M.J.; YLITALO, G.M.; KRAHN, M.M.; BOYD, D.; CALKINS, D.; BURKANOV, V.; ATKINSON, S. Organochlorine contaminants in endangered Steller sea lion pups (*Eumetopias jubatus*) from western Alaska and the Russian Far East. *Science of the Total Environment*, 396(1), 60-69, 2008. [DDTs; PCBs]
- (2197) NASROLLAHZADEH, H.S.; DIN, Z.B.; FOONG, S.Y.; MAKHLOUGH, A. Trophic status of the Iranian Caspian Sea based on water quality parameters and phytoplankton diversity. *Continental Shelf Research*, 28(9), 1153-1165, 2008. [Nutrients; *Mnemiopsis leidyi*]
- (2198) NEMIROVSKAYA, I.A. Hydrocarbons in the bottom sediments of the Northern Dvina estuary. *Water Research*, 34(6), 699-706, 2007. [Aliphatic hydrocarbons; PAHs]
- (2199) NFON, E.; COUSINS, I.T.; BROMAN, D. Biomagnification of organic pollutants in benthic and pelagic marine food chains from the Baltic Sea. *Science of the Total Environment*, 397(1-3), 190-204, 2008. [PAHs; PCBs; coronene; HCHs; lindane; DDTs; chlordanes; dieldrin; PCNs]
- (2200) OKEY, T.A. Impacts of climate change on soft sediment fauna. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review.* p.71-87. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; pH; anthropogenic stress]
- (2201) OKEY, T.A.; ENGSTROM, N.; BABCOCK, R. Impacts of climate change on kelp. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review.* p.44-52. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; wind and currents; UV; acidification; anthropogenic stress]
- (2202) OKUS, E.; OZTURK, I.; SUR, H.I.; YUKSEK, A.; TAS, S.; ASLAN-YILMAZ, A.; ALTIOK, H.; BALKIS, N.; DOGAN, E.; OVEZ, S.; AYDIN, A.F. Critical evaluation of wastewater treatment and disposal strategies for Istanbul with regards to water quality monitoring study results. *Desalination*, 226(1-3), 231-248, 2008. [Eutrophication; nutrients; BOD5; suspended solids; coliforms]
- (2203) OVERMYER, J.P.; ROUSE, D.R.; AVANTS, J.K.; GARRISON, A.W.; DELORENZO, M.E.; CHUNG, K.W.; KEY, P.B.; WILSON, W.A.; BLACK, M.C. Toxicity of fipronil and its enantiomers to marine and freshwater non-targets. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants and Agricultural Wastes*, 42(5), 471-480, 2007.
- (2204) PARK, G.S. The role and distribution of total suspended solids in the macrotidal coastal waters of Korea. *Environmental Monitoring and Assessment*, 135(1-3), 153-162, 2007.
- (2205) PEREZ, M.; GARCIA, T.; INVERS, O.; RUIZ, J.M. Physiological responses of the seagrass *Posidonia oceanica* as indicators of fish farm impact. *Marine Pollution Bulletin*, 56(5), 869-879, 2008. [Organic matter; nutrients]
- (2206) PINON-GIMATE, A.; SERVIERE-ZARAGOZA, E.; OCHOA-IZAGUIRRE, M.J.; PAEZ-OSUNA, F. Species composition and seasonal changes in macroalgal blooms in lagoons along the southeastern Gulf of California. *Botanica Marina*, 51(2), 112-123, 2008. [Nutrients]
- (2207) PISTOCCHI, A. A GIS-based approach for modeling the fate and transport of pollutants in Europe. *Environmental Science and Technology*, 42(10), 3640-3647, 2008. [PCBs; dioxins; furans]



- (2208) POLOCZANSKA, E.; BUTLER, A. Impacts of climate change on deep-sea and cold-water corals. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.69-76. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; currents; pH; anthropogenic stress]
- (2209) POLOCZANSKA, E.S.; BABCOCK, R. Impacts of climate change on rocky shores. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.53-58. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. (Temperature; rainfall; currents; UV; pH; anthropogenic stress)
- (2210) PRADO, P.; ALCOVERRO, T.; ROMERO, J. Seasonal response of *Posidonia oceanica* epiphyte assemblages to nutrient increase. *Marine Ecology Progress Series*, 359, 89-98, 2008.
- (2211) RODRIGUEZA, M.R.C.; MONTANO, M.N.E. Bioremediation potential of three carrageenophytes cultivated in tanks with seawater from fish farms. *Journal of Applied Phycology*, 19(6), 755-762, 2007. [Ammonium; nutrients; eutrophication]
- (2212) ROMANO, N.; ZENG, C. Acute toxicity of sodium nitrate, potassium nitrate, and potassium chloride and their effects on the hemolymph composition and gill structure of early juvenile blue swimmer crabs (*Portunus pelagicus* Linnaeus, 1758) Decapoda, Brachyura, Portunidae). *Environmental Toxicology and Chemistry*, 26(9), 1955-1962, 2007. [Nutrients]
- (2213) ROSEN, G.; OSORIO-ROBAYO, A.; RIVERA-DUARTE, I.; LAPOTA, D. Comparison of bioluminescent dinoflagellate (QwikLite) and bacterial (Microtox) rapid bioassays for the detection of metal and ammonia toxicity. *Archives of Environmental Contamination and Toxicology*, 54(4), 606-611, 2008.
- (2214) RUSH, S.A.; BORGA, K.; DIETZ, R.; BORN, E.W.; SONNE, C.; EVANS, T.; MUIR, D.C.G.; LETCHER, R.J.; NORSTROM, R.J.; FISK, A.T. Geographic distribution of selected elements in the livers of polar bears from Greenland, Canada and the United States. *Environmental Pollution*, 153(3), 618-626, 2008. [Ag; arsenic; Ba; Cd; Co; Cr; Cu; Ga; Hg; La; Li; Mn; Mo; Ni; Pb; Pt; Rb; Sc; Se; Sr; V; Zn]
- (2215) SAFRAI, I.; ZASK, A. Reverse osmosis desalination plants - marine environmentalist regulator point of view. *Desalination*, 220(1-3), 72-84, 2008. [Fe; red brine]
- (2216) SAJWAN, K.S.; KUMAR, K.S.; PARAMASIVAM, S.; COMPTON S.S.; RICHARDSON, J.P. Elemental status in sediment and American oyster collected from Savannah Marsh/estuarine ecosystem: a preliminary assesment. *Archives of Environmental Contamination and Toxicology*, 54(2), 245-258, 2008. [Al; As; B; Cd; Cr; Cu; Fe; Hg; Mn; Mo; Ni; Pb; Si; Zn]
- (2217) SANCHEZ-LIZASO, J.L.; ROMERO, J.; RUIZ, J.; GACIA, E.; BUCETA, J.L.; INVERS, O.; FERNANDEZ TORQUEMADA, Y.; MAS, J.; RUIZ-MATEO, A.; MANZANERA, M. Salinity tolerance of the Mediterranean seagrass *Posidonia oceanica*: recommendations to minimize the impact of brine discharge from desalination plants. *Desalination*, 221(1-3), 602-607, 2008.
- (2218) SANDERSON, J.C.; CROMEY, C.J.; DRING, M.J.; KELLY, M.S. Distribution of nutrients for seaweed cultivation around salmon cages at farm sites in north-west Scotland. *Aquaculture*, 278(1-4), 60-68, 2008. [Badcall Bay; Calbha; Loch Laxford; bioremediation; ammonium; nutrients]
- (2219) SCHENKER, U.; SCHERINGER, M.; MACLEOD, M.; MARTIN, J.W.; COUSINS, I.T.; HUNGERBUHLER, K. Contribution of volatile precursor substances to the flux of perfluorooctanoate to the Arctic. *Environmental Science and Technology*, 42(10), 3710-3716, 2008. [PFO]
- (2220) SCHWERMER, C.U.; LAVIK, G.; ABED, R.M.M.; DUNSMORE, B.; FERDELMAN, T.G.; STOODLEY, P.; GIESKE, A.; DE BEER, D. Impact of nitrate on the structure and function of bacterial biofilm communities in pipelines used for injection of seawater into oil fields. *Applied and Environmental Microbiology*, 74(9), 2841-2851, 2008.

- (2221) SERRANO, R.; BARREDA, M.; BLANES, M.A. Investigating the presence of organochlorine pesticides and polychlorinated biphenyls in wild and farmed gilthead sea bream (*Sparus aurata*) from the Western Mediterranean sea. *Marine Pollution Bulletin*, 56(5), 963-972, 2008. [DDTs; endosulfan; HCB; heptachlor; heptachlor epoxide; lindane; methoxychlor; mirex; PCBs]
- (2222) SHEN, Z.; ZHOU S.; PEI, S. Transfer and transport of phosphorus and silica in the turbidity maximum zone of the Changjiang estuary. *Estuarine, Coastal and Shelf Science*, 78(3), 481-492, 2008. [Eutrophication; dam construction; anthropogenic activity; nutrients]
- (2223) SRAIN, B.M.; RUDOLPH, A.J. Alteration of acetylcholinesterase activity in *Semele solida* (Mollusca: Semelidae) as a biochemical response to coastal anthropogenic impact. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants and Agricultural Wastes*, 43(1), 75-80, 2008.
- (2224) STACHOWSKI-HABERKORN, S.; QUINIOU, F.; NEDELEC, M.; ROBERT, R.; LIMON, G.; LA BROISE, D. In-situ microcosms, a tool for assessment of pesticide impacts on oyster spat (*Crassostrea gigas*). *Ecotoxicology*, 17(4), 235-245, 2008. [Basamaies; bentazon; opus; epoxiconazole]
- (2225) SURRATT, D.; CHERRIER, J.; ROBINSON, L.; CABLE, J. Chronology of sediment nutrient geochemistry in Apalachicola Bay, Florida (U.S.A.). *Journal of Coastal Research*, 24(3), 660-671, 2008. [Land use; nutrient sources; organic carbon]
- (2226) SZLINDER-RICHERT, J.; BARSKA, I.; MAZERSKI, J.; USYDUS, Z. Organochlorine pesticides in fish from the southern Baltic Sea: levels, bioaccumulation features and temporal trends during the 1995-2006 period. *Marine Pollution Bulletin*, 56(5), 927-940, 2008. [DDTs; HCB; HCHs]
- (2227) TOMY, G.T.; PLESKACH, K.; OSWALD, T.; HALLDORSON, T.; HELM, P.A.; MACINNIS, G.; MARVIN, C.H. Enantioselective bioaccumulation of hexabromocyclododecane and congener-specific accumulation of brominated diphenyl ethers in an eastern Canadian Arctic marine food web. *Environmental Science and Technology*, 42(10), 3634-3639, 2008. [BDEs; HBCD]
- (2228) VARO, I.; AMAT, F.; NAVARRO, J.C. Acute toxicity of dichlorvos to *Aphanius iberus* (Cuvier & Valenciennes, 1846) and its anti-cholinesterase effects on this species. *Aquatic Toxicology*, 88(1), 53-61, 2008.
- (2229) VENTURINI, N.; MUNIZ, P.; BICEGO, M.C.; MARTINS, C.C.; TOMMASI, L.R. Petroleum contamination impact on macrobenthic communities under the influence of an oil refinery: integrating chemical and biological multivariate data. *Estuarine, Coastal and Shelf Science*, 78(3), 457-467, 2008. [PAH]
- (2230) WATERMANN, B.; THOMSEN, A.; KOLODZEY, H.; DAEHNE, B.; MEEMKEN, M.; PIJANOWSKA, U.; LIEBEZEIT, G. Histopathological lesions of molluscs in the harbour of Norderney, Lower Saxony, North Sea (Germany). *Helgoland Marine Research*, 62(2), 167-175, 2008. [Antifoulants; endocrine disrupters; intersex]
- (2231) WHITALL, D.; BRICKER, S.; FERREIRA, J.; NOBRE, A.M.; SIMAS, T.; SILVA, M. Assessment of eutrophication in estuaries: pressure-state-response and nitrogen source apportionment. *Environmental Management*, 40(4), 678-690, 2007. [Nutrients]
- (2232) WHITE, D.L.; PORTER, D.E.; LEWITUS, A.J.; KEESEE, J. Spatial gradient analyses of nutrients and chlorophyll a biomass in an urbanized lagoonal estuary: a comparison between wet and dry periods. *Journal of Coastal Research*, 24(3), 649-659, 2008. [Water quality]
- (2233) YANG, G.; KILLE, P.; FORD, A.T. Infertility in a marine crustacean: have we been ignoring pollution impacts on male invertebrates? *Aquatic Toxicology*, 88(1), 81-87, 2008. [Intersex; endocrine disruption; stress; Loch Fleet; Thurso; Inverkeithing; Cd; Cr; Cu; Hg; Ni; Pb; Zn; DDTs; dieldrin; HCB; contaminant levels in *Mytilus edulis*]

## Section 6: Biological Wastes

- (2234) ALAVI, M.R.; SCHOTT, E.J.; SAITO, K.; VASTA, G.R. Application of molecular tools for the survey of bacterial pathogens associated with *Crassostrea virginica* (Gmelin 1791) and *Crassostrea ariakensis* (Fujita 1913). *Journal of Shellfish Research*, 27(3), 551-558, 2008. [Vibrio; myobacteria; enterobacteria; coliforms]
- (2235) BISSETT, A.; BOWMAN, J.P.; BURKE, C.M. Flavobacterial response to organic pollution. *Aquatic Microbial Ecology*, 51(1), 31-43, 2008. [Organic loading]
- (2236) CALLIER, M.D.; MCKINDSEY, C.W.; DESROSIERS, G. Evaluation of indicators used to detect mussel farm influence on the benthos: two case studies in the Magdalen Islands, Eastern Canada. *Aquaculture*, 278(1-4), 77-88, 2008. [Organic enrichment]
- (2237) CAMPOS, C.J.A.; CACHOLA, R.A. Faecal coliforms in bivalve harvesting areas of the Alvor Lagoon (southern Portugal): influence of seasonal variability and urban development. *Environmental Monitoring and Assessment*, 133(1-3), 31-41, 2007.
- (2238) CHA, S.-H.; LEE, J.-S.; SONG, C.-B.; LEE, K.-J.; JEON, Y.-J. Effects of chitosan-coated diet on improving water quality and innate immunity in the olive flounder, *Paralichthys olivaceus*. *Aquaculture*, 278(1-4), 110-118, 2008. [COD; DO; suspended solids; nutrients]
- (2239) CHEDAD, K.; ASSOBEI, O. Etude de la survie des bacteries de contamination fecale (coliforme fecaux) dans les eaux de la zone ostreicole de la lagune de Oualidia (Maroc). *Bulletin de l'Institut Scientifique. Rabat*, (29), 71-79, 2007. [Faecal coliforms]
- (2240) COMEAU, F.; SURETTE, C.; BRUN, G.L.; LOSIER, R. The occurrence of acidic drugs and caffeine in sewage effluents and receiving waters from three coastal watersheds in Atlantic Canada. *Science of the Total Environment*, 396(2/3), 132-146, 2008. [Pharmaceuticals; bezafibrate; clofibric acid; diclofenac; fenoprofen; gemfibrozil; ibuprofen; indomethacin; ketoprofen; naproxen; salicylic acid]
- (2241) DASKIN, J.H.; CALCI, K.R.; BURKHARDT, W., III.; CARMICHAEL, R.H. Use of N stable isotope and microbial analyses to define wastewater influence in Mobile Bay, AL. *Marine Pollution Bulletin*, 56(5), 860-868, 2008. [Faecal coliforms; bacteriophages; viruses; nutrients]
- (2242) DE LA OSSA CARRETERO, J.A.; DEL PILAR RUSO, Y.; GIMENEZ CASALDUERO, F.; SANCHEZ LIZASO, J.L. Effect of sewage discharge in *Spisula subtruncata* (da Costa 1778) populations. *Archives of Environmental Contamination and Toxicology*, 54(2), 226-235, 2008.
- (2243) GUNNARSSON, J.S.G. Interactions between organic enrichment and contaminants in marine benthic systems. 37p. + 7 papers. Fiskebackskil, Sweden: Department of Marine Ecology, Goteborg University, Kristineberg Marine Research Station, 1998. (Thesis) [PCBs; TBC; benzo(a)pyrene; eutrophication; hypoxia; PAH]
- (2244) HARGRAVE, B.T.; HOLMER, M.; NEWCOMBE, C.P. Towards a classification of organic enrichment in marine sediments based on biogeochemical indicators. *Marine Pollution Bulletin*, 56(5), 810-824, 2008. [Sulphides; sulphate reduction]
- (2245) HU, J.; ZHANG, G.; LI, K.; PENG, P.; CHIVAS, A.R. Increased eutrophication offshore Hong Kong, China during the past 75 years: evidence from high-resolution sedimentary records. *Marine Chemistry*, 110(1/2), 7-17, 2008. [Sewage discharge; coprostanol]
- (2246) JEONG, Y.; SANDERS, B.F.; MCLAUGHLIN, K.; GRANT, S.B. Treatment of dry weather urban runoff in tidal saltwater marshes: a longitudinal study of the Talbert Marsh in southern California. *Environmental Science and Technology*, 42(10), 3609-3614, 2008. [Faecal indicator bacteria]

- (2247) KOCASOY, G.; MUTLU, H.I.; AYLIN ZEREN ALAGOZ, B. Prevention of marine environment pollution at the tourism regions by the application of a simple method for the domestic wastewater. *Desalination*, 226(1-3), 21-37, 2008. [Sewage disposal]
- (2248) LAMB, K.; SWART, P.K. The carbon and nitrogen isotopic values of particulate organic material from the Florida Keys: a temporal and spatial study. *Coral Reefs*, 27(2), 351-362, 2008. [Nutrients; sewage]
- (2249) MCGHEE, T.J.; MORRIS, J.A., JR.; NOBLE, R.T.; FOWLER, P.K. Comparative microbial dynamics in *Crassostrea virginica* (Gmelin 1791) and *Crassostrea ariakensis* (Fujita 1913). *Journal of Shellfish Research*, 27(3), 559-565, 2008. [*Escherichia coli*; *Vibrio* sp]
- (2250) MORRIS, C.A.; BLACKWOOD, A.D.; KIRS, M.; BUTTIGIEG, N.D.; MORGAN, R.R.; HOGAN, J.J.; WEEKS, I.; NOBLE, R.T. Comparison of transcription-mediated amplification and growth-based methods for the quantitation of *Enterococcus* bacteria in environmental waters. *Applied and Environmental Microbiology*, 74(10), 3319-3320, 2008.
- (2251) MUSCILLO, M.; POURSHABAN, M.; IACONELLI, M.; FONTANA, S.; DI GRAZIA, A.; MANZARA, S.; FADDA, G.; SANTANGELO, R.; LA ROSA, G. Detection and quantification of human adenoviruses in surface waters by nested PCR, TaqMan real-time PCR and cell culture assays. *Water, Air, and Soil Pollution*, 191(1-4), 83-93, 2008.
- (2252) OKUS, E.; OZTURK, I.; SUR, H.I.; YUKSEK, A.; TAS, S.; ASLAN-YILMAZ, A.; ALTIOK, H.; BALKIS, N.; DOGAN, E.; OVEZ, S.; AYDIN, A.F. Critical evaluation of wastewater treatment and disposal strategies for Istanbul with regards to water quality monitoring study results. *Desalination*, 226(1-3), 231-248, 2008. [Eutrophication; nutrients; BOD<sub>5</sub>; suspended solids; coliforms]
- (2253) PEREZ, M.; GARCIA, T.; INVERS, O.; RUIZ, J.M. Physiological responses of the seagrass *Posidonia oceanica* as indicators of fish farm impact. *Marine Pollution Bulletin*, 56(5), 869-879, 2008. [Organic matter; nutrients]
- (2254) SONG, F.; SONG, X.-X.; YU, Z.-M. The distribution of delta 15N in particulate organic matter in surface water of the Changjiang River estuary. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 38(6), 521-528, 2007. [Eutrophication; nutrients; organic matter; agriculture discharge]
- (2255) SURRATT, D.; CHERRIER, J.; ROBINSON, L.; CABLE, J. Chronology of sediment nutrient geochemistry in Apalachicola Bay, Florida (U.S.A.). *Journal of Coastal Research*, 24(3), 660-671, 2008. [Land use; nutrient sources; organic carbon]
- (2256) TUDOR, D.T.; WILLIAMS, A.T. Important aspects of beach pollution to managers: Wales and the Bristol Channel, UK. *Journal of Coastal Research*, 24(3), 735-745, 2008. [Litter; sewage; oil]

## Section 7: Heat

- (2257) BOLDOR, D.; BALASUBRAMANIAN, S.; PUROHIT, S.; RUSCH, K.A. Design and implementation of a continuous microwave heating system for ballast water treatment. *Environmental Science and Technology*, 42(11), 4121-4127, 2008.
- (2258) FRANCINI-FILHO, R.B.; MOURA, R.L.; THOMPSON, F.L.; REIS, R.M.; KAUFMAN, L.; KIKUCHI, R.K.P.; LEAO, Z.M.A.N. Diseases leading to accelerated decline of reef corals in the largest South Atlantic reef complex (Abrolhos Bank, eastern Brazil). *Marine Pollution Bulletin*, 56(5), 1008-1014, 2008.
- (2259) HANCKE, K.; HANCKE, T.B.; OLSEN, L.M.; JOHNSEN, G.; GLUD, R.N. Temperature effects on microalgal photosynthesis-light responses measured by O<sub>2</sub> production, pulse-amplitude-modulated fluorescence, and <sup>14</sup>C assimilation. *Journal of Phycology*, 44(2), 501-514, 2008.
- (2260) HILL, R.; RALPH, P.J. Impact of bleaching stress on the function of the oxygen evolving complex of zooxanthellae from scleractinian corals. *Journal of Phycology*, 44(2), 299-310, 2008. [Temperate stress]
- (2261) HOBDAI, A.J. Impact of climate change on pelagic fishes. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review.* p.94-101. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; wind; UV; pH; anthropogenic stress]
- (2262) HOBDAI, A.J.; OKEY, T.A.; POLOCZANSKA, E.S.; KUNZ, T.J.; RICHARDSON, A.J., (EDITORS). *Impacts of climate change on Australian marine life.* vii, 165p. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Including anthropogenic stress; temperature; CO<sub>2</sub>; acidification]
- (2263) HOEGH-GULDBERG, O. Impacts on climate change on coral reefs. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review.* p.59-78. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; pH; CO<sub>2</sub>]
- (2264) KUNZ, T.J.; RICHARDSON, A.J. Impacts of climate change on phytoplankton. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review.* p.8-18. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [UV; pH; sea surface temperature; rainfall; wind stress and currents; anthropogenic stress]
- (2265) LANGER, M.R. Assessing the contribution of foraminiferan protists to global ocean carbonate production. *Journal of Eukaryotic Microbiology*, 55(3), 163-169, 2008. [Temperature tolerance]
- (2266) OKEY, T.A. Impacts of climate change on soft sediment fauna. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review.* p.71-87. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; pH; anthropogenic stress]
- (2267) OKEY, T.A.; ENGSTROM, N.; BABCOCK, R. Impacts of climate change on kelp. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review.* p.44-52. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; wind and currents; UV; acidification; anthropogenic stress]

- (2268) OKEY, T.A.; HOBDAY, A.J. Impacts of climate change on benthic and demersal fishes. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.88-93. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; winds; rainfall; UV; anthropogenic stress]
- (2269) POLOCZANSKA, E.; BUTLER, A. Impacts of climate change on deep-sea and cold-water corals. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.69-76. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; currents; pH; anthropogenic stress]
- (2270) POLOCZANSKA, E.S. Impacts of climate change on seagrasses. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.27-35. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; currents and wind stress; UV; anthropogenic stress]
- (2271) POLOCZANSKA, E.S.; BABCOCK, R. Impacts of climate change on rocky shores. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.53-58. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. (Temperature; rainfall; currents; UV; pH; anthropogenic stress)
- (2272) POLOCZANSKA, E.S.; MILTON, D. Impacts of climate change on marine turtles. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.102-109. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; currents; UV; anthropogenic stress]
- (2273) POLOCZANSKA, E.V. Impacts of climate change on mangroves. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.36-43. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; currents; UV; anthropogenic stress; CO2]
- (2274) PRATO, E.; SCARDICCHIO, C.; BIANCOLINO, F. Effects of temperature on the acute toxicity of cadmium to *Corophium insidiosum*. *Environmental Monitoring and Assessment*, 136(1-3), 161-166, 2008. [Cd]
- (2275) REUSCH, T.B.H.; VERON, A.S.; PREUSS, C.; WEINER, J.; WISSLER, L.; BECK, A.; KLAGES, S.; KUBE, M.; REINHARDT, R.; BORNBERG-BAUER, E. Comparative analysis of expressed sequence tag (EST) libraries in the seagrass *Zostera marina* subjected to temperature stress. *Marine Biotechnology*, 10(3), 297-309, 2008.
- (2276) RICHARDSON, A. Impacts of climate change on seabirds. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.110-113. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006.
- (2277) YAROSLAVTSEVA, L.M.; SERGEEVA, E.P. Effect of temperature on early development of the Pacific mussel *Mytilus trossulus* (Bivalvia: Mytilidae) in sea water polluted by copper ions. *Russian Journal of Marine Biology*, 33(6), 375-380, 2007. [Cu]

## Section 8: Solids

(2278) BROWNE, M.A.; GALLOWAY, T.; THOMPSON, R. Microplastic - an emerging contaminant of potential concern? *Integrated Environmental Assessment and Management*, 3(4), 559-561, 2007.

(2279) HAYNES, D.; BRODIE, J.; WATERHOUSE, J.; BAINBRIDGE, Z.; BASS, D.; HART, B. Assessment of the water quality and ecosystem health of the Great Barrier Reef (Australia): conceptual models. *Environmental Management*, 40(6), 993-1003, 2007.

(2280) SMITH, S.D.A.; HATTORI, H. Corals versus monofilament: corals fight back in Savusavu Bay, Fiji. *Coral Reefs*, 27(2), p.321, 2008. [Entanglement]

(2281) TUDOR, D.T.; WILLIAMS, A.T. Important aspects of beach pollution to managers: Wales and the Bristol Channel, UK. *Journal of Coastal Research*, 24(3), 735-745, 2008. [Litter; sewage; oil]

## Section 9: Physical Disturbance

- (2282) CAMACHO-VALDEZ, V.; MURILLO-JIMENEZ, J.M.; NAVA-SANCHEZ, E.H.; TURRENT-THOMPSON, C. Dune and beach morphodynamics at Cabo Falso, Baja California Sur, Mexico: response to natural, Hurricane Juliette (2001) and anthropogenic influence. *Journal of Coastal Research*, 24(3), 553-560, 2008. [Recreational activity]
- (2283) GUYONNET, B.; GRALL, J.; VINCENT, B. Modified otter trawl legs to reduce damage and mortality of benthic organisms in North East Atlantic fisheries (Bay of Biscay). *Journal of Marine Systems*, 72(1-4), 2-16, 2008.
- (2284) HANAMGOND, P.T.; MITRA, D. Evolution of Malvan Coast, Konkan, west coast of India - a case study using remote sensing data. *Journal of Coastal Research*, 24(3), 672-678, 2008. [Land use]
- (2285) HOBDAY, A.J.; OKEY, T.A.; POLOCZANSKA, E.S.; KUNZ, T.J.; RICHARDSON, A.J., (EDITORS). *Impacts of climate change on Australian marine life*. vii, 165p. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Including anthropogenic stress; temperature; CO<sub>2</sub>; acidification]
- (2286) JOHNSON, S.R., (ET AL). A western gray whale mitigation and monitoring program for a 3-D seismic survey, Sakhalin Island, Russia. *Environmental Monitoring and Assessment*, 134(1-3), 1-19, 2007.
- (2287) LEE, H.J.; RYU, S.O. Changes in topography and surface sediments by the Saemangeum dyke in an estuarine complex, west coast of Korea. *Continental Shelf Research*, 28(9), 1177-1189, 2008.
- (2288) MARTIN, S.R.; ONUF, C.P.; DUNTON, K.H. Assessment of propeller and off-road vehicle scarring in seagrass beds and wind-tidal flats of the southwestern Gulf of Mexico. *Botanica Marina*, 51(2), 79-91, 2008.
- (2289) MAYNARD, J.A. Severe anchor damage to *Lobophyllia variegata* colonies on the Fujikawa Maru, Truk Lagoon, Micronesia. *Coral Reefs*, 27(2), p.273, 2008.
- (2290) MCCLANAHAN, T.R.; BRANCH, G.M. Conclusions: an ecosystem perspective of shallow marine reefs. In: McClanahan, T.R.; Branch, G.M., (editors). *Food webs and the dynamics of marine reefs*. p.209-233. Oxford: Oxford University Press, 2008. [Including anthropogenic impact]
- (2291) MCLEOD, R.J.; WING, S.R. Influence of an altered salinity regime on the population structure of two infaunal bivalve species. *Estuarine, Coastal and Shelf Science*, 78(3), 529-540, 2008. [Hydroelectric power station; freshwater inputs]
- (2292) MENDONCA, V.M.; RAFFAELLI, D.G.; BOYLE, P.; HOSKINS, S. Spatial and temporal characteristics of benthic invertebrate communities at Culbin Sands lagoon, Moray Firth, NE Scotland, and impacts of the disturbance of cockle harvesting. *Scientia Marina*, 72(2), 265-278, 2008.
- (2293) MORRIS, J.K.; JACOBSON, S.K.; FLAMM, R.O. Lessons from an evaluation of a boater outreach program for Manatee protection. *Environmental Management*, 40(4), 596-602, 2007.
- (2294) OKEY, T.A. Impacts of climate change on soft sediment fauna. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review*. p.71-87. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; rainfall; pH; anthropogenic stress]



- (2295) POLOCZANSKA, E.; BUTLER, A. Impacts of climate change on deep-sea and cold-water corals. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.69-76. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Temperature; currents; pH; anthropogenic stress]
- (2296) POLOCZANSKA, E.S.; BABCOCK, R. Impacts of climate change on rocky shores. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). Impacts of climate change on Australian marine life. Part C: Literature review. p.53-58. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. (Temperature; rainfall; currents; UV; pH; anthropogenic stress)
- (2297) RUTENKO, A.N.; BORISOV, S.V.; GRITSENKO, A.V.; JENKERSON, M.R. Calibrating and monitoring the western gray whale mitigation zone and estimating acoustic transmission during a 3D seismic survey, Sakhalin Island, Russia. *Environmental Monitoring and Assessment*, 134(1-3), 21-44, 2007.
- (2298) SATAPATHY, D.R.; KRUPADAM, R.J.; KUMAR, L.P.; WATE, S.R. The application of satellite data for the quantification of mangrove loss and coastal management in the Godavari estuary, east coast of India. *Environmental Monitoring and Assessment*, 134(1-3), 453-469, 2007.
- (2299) SLAGEL, M.J.; GRIGGS, G.B. Cumulative losses of sand to the California coast by dam impoundment. *Journal of Coastal Research*, 24(3), 571-584, 2008.
- (2300) SMITH, J.R.; FONG, P.; AMBROSE, R.F. The impacts of human visitation on mussel bed communities along the California coast: are regulatory marine reserves effective in protecting these communities? *Environmental Management*, 41(4), 599-612, 2008.
- (2301) STEINER, A.; BOSSLEY, M. Some reproductive parameters of an estuarine population of Indo-Pacific bottlenose dolphins (*Tursiops aduncus*). *Aquatic Mammals*, 34(1), 84-92, 2008.
- (2302) SURRETT, D.; CHERRIER, J.; ROBINSON, L.; CABLE, J. Chronology of sediment nutrient geochemistry in Apalachicola Bay, Florida (U.S.A.). *Journal of Coastal Research*, 24(3), 660-671, 2008. [Land use; nutrient sources; organic carbon]

## Section 10: Non-indigenous Species

- (2303) ALAVI, M.R.; SCHOTT, E.J.; SAITO, K.; VASTA, G.R. Application of molecular tools for the survey of bacterial pathogens associated with *Crassostrea virginica* (Gmelin 1791) and *Crassostrea ariakensis* (Fujita 1913). *Journal of Shellfish Research*, 27(3), 551-558, 2008. [Vibrio; myobacteria; enterobacteria; coliforms]
- (2304) ALEXANDER, J.A.; STOECKER, D.K.; MERITT, D.W.; ALEXANDER, S.T.; PADELETTI, A.; JOHNS, D.; VAN HEUKELEM, L.; GLIBERT, P.M. Differential production of feces and pseudofeces by the oyster *Crassostrea ariakensis* when exposed to diets containing harmful dinoflagellate and raphidophyte species. *Journal of Shellfish Research*, 27(3), 567-579, 2008.
- (2305) ALIGIZAKI, K.; NIKOLAIDIS, G. Is *Gambierdiscus* expanding to new areas? *Harmful Algae News*, (36), 6-7, 2008.
- (2306) AUDEMARD, C.; CARNEGIE, R.B.; STOKES, N.A.; BISHOP, M.J.; PETERSON, C.H.; BURRESON, E.M. Effects of salinity on *Bonamia* sp. survival in the Asian oyster *Crassostrea ariakensis*. *Journal of Shellfish Research*, 27(3), 535-540, 2008.
- (2307) BLANK, M.; LAINE, A.O.; JURSS, K.; BASTROP, R. Molecular identification key based on PCR/RFLP for three polychaete sibling species of the genus *Marenzelleria*, and the species' current distribution in the Baltic Sea. *Helgoland Marine Research*, 62(2), 129-141, 2008.
- (2308) BOLDOR, D.; BALASUBRAMANIAN, S.; PUROHIT, S.; RUSCH, K.A. Design and implementation of a continuous microwave heating system for ballast water treatment. *Environmental Science and Technology*, 42(11), 4121-4127, 2008.
- (2309) BRANCH, G.M. Trophic interactions in subtidal rocky reefs on the west coast of South Africa. In: McClanahan, T.R.; Branch, G.M., (editors). *Food webs and the dynamics of marine reefs*. p.50-78. Oxford: Oxford University Press, 2008. [Including anthropogenic impact]
- (2310) BROWNLEE, E.F.; SELLNER, S.G.; SELLNER, K.G.; NONOGAKI, H.; ADOLF, J.E.; BACHVAROFF, T.R.; PLACE, A.R. Responses of *Crassostrea virginica* (Gmelin) and *C. ariakensis* (Fujita) to bloom-forming phytoplankton including ichthyotoxic *Karlodinium veneficum* (Ballantine). *Journal of Shellfish Research*, 27(3), 581-591, 2008.
- (2311) BUSHEK, D.; KORNBLUH, A.; WANG, H.; GUO, X.; DEBROSSE, G.; QUINLAN, J. Fertilization interference between *Crassostrea ariakensis* and *Crassostrea virginica*: a gamete sink? *Journal of Shellfish Research*, 27(3), 593-600, 2008.
- (2312) DARYANABARD, R.; DAWSON, M.N. Jellyfish blooms: *Crambionella orsini* (Scyphozoa: Rhizostomeae) in the Gulf of Oman, Iran, 2002-2003. *Journal of the Marine Biological Association of the United Kingdom*, 88(3), 477-483, 2008.
- (2313) DELANEY, D.G.; SPERLING, C.D.; ADAMS, C.S.; LEUNG, B. Marine invasive species: validation of citizen science and implications for national monitoring networks. *Biological Invasions*, 10(1), 117-128, 2008. [*Carcinus maenas*; *Hemigrapsus sanguineus*]
- (2314) GRAHAM, M.; HALPERN, B.; CARR, M. Diversity and dynamics of Californian subtidal kelp forests. In: McClanahan, T.R.; Branch, G.M., (editors). *Food webs and the dynamics of marine reefs*. p.103-134. Oxford: Oxford University Press, 2008. [Including anthropogenic impact]
- (2315) KINGSLEY-SMITH, P.R.; LUCKENBACH, M.W. Post-settlement survival and growth of the Suminoe oyster, *Crassostrea ariakensis*, exposed to simulated emersion regimes. *Journal of Shellfish Research*, 27(3), 609-618, 2008.
- (2316) KRUZIC, P.; ZULJEVIC, A.; NIKOLIC, V. The highly invasive alga *Caulerpa racemosa* var. *cylindracea* poses a new threat to the banks of the coral *Cladocora caespitosa* in the Adriatic Sea. *Coral Reefs*, 27(2), p.441, 2008.

- (2317) LUCKENBACH, M., (EDITOR). The Suminoe oyster, *Crassostrea ariakensis*: biology, ecology and proposed introduction to Chesapeake Bay, USA. *Journal of Shellfish Research*, 27(3), 477-623, 2008.
- (2318) MCCLANAHAN, T.R.; BRANCH, G.M. Conclusions: an ecosystem perspective of shallow marine reefs. In: McClanahan, T.R.; Branch, G.M., (editors). *Food webs and the dynamics of marine reefs*. p.209-233. Oxford: Oxford University Press, 2008. [Including anthropogenic impact]
- (2319) MCCOLLIN, T.; SHANKS, A.M.; DUNN, J. Changes in zooplankton abundance and diversity after ballast water exchange in regional seas. *Marine Pollution Bulletin*, 56(5), 834-844, 2008. [North Sea; English Channel; Irish Sea; Bay of Biscay]
- (2320) MCGHEE, T.J.; MORRIS, J.A., JR.; NOBLE, R.T.; FOWLER, P.K. Comparative microbial dynamics in *Crassostrea virginica* (Gmelin 1791) and *Crassostrea ariakensis* (Fujita 1913). *Journal of Shellfish Research*, 27(3), 559-565, 2008. [*Escherichia coli*; *Vibrio* sp]
- (2321) MCGLASHAN, D.J.; PONNIAH, M.; CASSEY, P.; VIARD, F. Clarifying marine invasions with molecular markers: an illustration based on mtDNA from mistaken calyptraeid gastropod identifications. *Biological Invasions*, 10(1), 51-57, 2008.
- (2322) MCLEAN, R.I.; ABBE, G.R. Characteristics of *Crassostrea ariakensis* (Fujita 1913) and *Crassostrea virginica* (Gmelin 1791) in the discharge area of a nuclear power plant in central Chesapeake Bay. *Journal of Shellfish Research*, 27(3), 517-523, 2008. [Ag-110m; Co-60; Co-58]
- (2323) NASROLLAHZADEH, H.S.; DIN, Z.B.; FOONG, S.Y.; MAKHLOUGH, A. Trophic status of the Iranian Caspian Sea based on water quality parameters and phytoplankton diversity. *Continental Shelf Research*, 28(9), 1153-1165, 2008. [Nutrients; *Mnemiopsis leidyi*]
- (2324) NEHRING, S.; SPECKELS, G.; ALBERSMEYER, J. The American blue crab *Callinectes sapidus* Rathbun on the German North Sea coast: status quo and further perspectives. *Senckenbergiana Maritima*, 38(1), 39-44, 2008.
- (2325) PAYNTER, K.T.; GOODWIN, J.D.; CHEN, M.E.; WARD, N.J.; SHERMAN, M.W.; MERITT, D.W.; ALLEN, S.K. *Crassostrea ariakensis* in Chesapeake Bay: growth, disease and mortality in shallow subtidal environments. *Journal of Shellfish Research*, 27(3), 509-515, 2008.
- (2326) RICHARDSON, A.J. Impacts of climate change on zooplankton. In: Hobday, A.J.; Okey, T.A.; Poloczanska, E.S.; Kunz, T.J.; Richardson, A.J., (editors). *Impacts of climate change on Australian marine life. Part C: Literature review*. p.19-26. Canberra: Australian Greenhouse Office, Department of the Environment and Water Resources, 2006. [Sea surface temperature; pH; UV; stratification; anthropogenic stress]
- (2327) SATO-OKOSHI, W.; OKOSHI, K.; SHAW, J. Polydorid species (Polychaeta: Spionidae) in south-western Australian waters with special reference to *Polydora uncinata* and *Boccardia knoxi*. *Journal of the Marine Biological Association of the United Kingdom*, 88(3), 491-501, 2008.
- (2328) SCHOTT, E.J.; FERNANDEZ-ROBLEDO, J.A.; ALAVI, M.R.; VASTA, G.R. Susceptibility of *Crassostrea ariakensis* (Fujita 1913) to *Bonamia* and *Perkinsus* spp. infections: potential for disease transmission between oyster species. *Journal of Shellfish Research*, 27(3), 541-549, 2008.
- (2329) SERIO, D.; PETROCELLI, A.; CORMACI, M.; CECERE, E.; FURNARI, G. First record of *Osmundea oederi* (Gunnerus) G. Furnari comb. nov. (Rhodomelaceae, Rhodophyta) from the Mediterranean Sea. *Cryptogamie, Algologie*, 29(2), 119-127, 2008.
- (2330) TAMBURRI, M.N.; LUCKENBACH, M.W.; BREITBURG, D.L.; BONNIWELL, S.M. Settlement of *Crassostrea ariakensis* larvae: effects of substrate, biofilms, sediment and adult chemical cues. *Journal of Shellfish Research*, 27(3), 601-608, 2008.

(2331) VOLSTAD, J.H.; DEW, J.; TARNOWSKI, M. Estimation of annual mortality rates for eastern oysters (*Crassostrea virginica*) in Chesapeake Bay based on box counts and application of those rates to project population growth of *C. virginica* and *C. ariakensis*. *Journal of Shellfish Research*, 27(3), 525-533, 2008. [Ecological risk assessment]