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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

- (0906) ANDROCEC, V.; IVANCIC, B. EKO-Kastela Bay Project - Environmental project management and issues. In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.13-24. Southampton: WIT Press, 2002.
- (0907) BELL, G.W.; EGGLESTON, D.B. Species-specific avoidance responses by blue crabs and fish to chronic and episodic hypoxia. *Marine Biology*, 146(4), 761-770, 2005.
- (0908) BOLOGA, A.S. Destruction of marine biodiversity - a case study of the Black Sea. In: South, G.R.; Cleave, G.; Skelton, P., (editors). Oceans in the new millennium: challenges and opportunities for the islands. p.249-254. Constanta, Romania: IOI, 2001.
- (0909) BORGER, J.L. Dark spot syndrome: a scleractinian coral disease or a general stress response? *Coral Reefs*, 24(1), 139-144, 2005.
- (0910) BOSSART, G.D.; MEISNER, R.A.; ROMMEL, S.A.; LIGHTSEY, J.D.; VARELA, R.A.; DEFRAN, R.H. Pathologic findings in Florida Manatees (*Trichechus manatus latirostris*). *Aquatic Mammals*, 30(3), 434-440, 2004. [Man-induced]
- (0911) BROWN-PETERSON, N.J.; LARKIN, P.; DENSLOW, N.; KING, C.; MANNING, S.; BROUWER, M. Molecular indicators of hypoxia in the blue crab *Callinectes sapidus*. *Marine Ecology Progress Series*, 286, 203-215, 2005.
- (0912) CARLISLE, E.L.; WYLLIE-ECHEVERRIA, S.; KLINGER, T. New directions for managing Washington State seagrass resources. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (0913) CIESM. Executive summary. In: Briand, F., (editor). Mare incognitum? Exploring Mediterranean deep-sea biology. p.5-27. Monaco: CIESM, 2003. (CIESM Workshop Monographs 23)  
Available at: <http://www.ciesm.org/publications/Heraklion03.pdf>
- (0914) COBURN, G.A. Applying Seattle's blueprint to assess and benefit Chinook salmon using urbanized shoreline. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (0915) COGNETTI, G.; MALTAGLIATI, F. Port activities and international environmental control in the Mediterranean. *Marine Pollution Bulletin*, 50(2), 119-120, 2005.
- (0916) CULVERWELL, H.; BRENNAN, J. Marine riparian areas: protection and preservation in Puget Sound and the Georgia Basin. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (0917) DEFRA. Charting Progress. An integrated assessment of the state of UK seas. 120p. + CDROM. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/index.htm>
- (0918) DIAZ, M.C.; SMITH, K.P.; RUTZLER, K. Sponge species richness and abundance as indicators of mangrove epibenthic community health. *Atoll Research Bulletin*, 518, 17p., 2004.
- (0919) DORGHAM, M.M.; ABDEIL, N.E.; EL-DEEB, K.Z.; OKBAH, M.A. Eutrophication problems in the western harbour of Alexandria, Egypt. *Oceanologia*, 46(1), 25-44, 2004. [Nutrients]
- (0920) DYE, A.H.; BARROS, F. Spatial patterns in meiobenthic assemblages in intermittently open/closed coastal lakes in New South Wales, Australia. *Estuarine, Coastal and Shelf Science*, 62(4), 575-593, 2005.

- (0921) ENGLISH NATURE. Our coasts and seas - making space for people, industry and wildlife. 68p. Peterborough: English Nature, 2005.
- (0922) FAUST, M.A. The dinoflagellates of Twin Clays, Belize: biodiversity, distribution, and vulnerability. *Atoll Research Bulletin*, 514, 20p., 2004. [Including impact of illegal dumping of domestic waste]
- (0923) FORBES, V.E.; CALOW, P. Systematic approach to weight of evidence in sediment quality assessment: challenges and opportunities. *Aquatic Ecosystem Health and Management*, 7(3), 339-350, 2004.
- (0924) FRANCO, A.; FIORIN, R.; FRANZOI, P.; TORRICELLI, P. Threatened fishes of the world: *Pomatoschistus canestrinii* Ninni, 1883 (Gobiidae). *Environmental Biology of Fishes*, 72(1), p.72, 2005. [Threats include degradation of habitat]
- (0925) FROST, N.J.; HULL, S.C.; FREEMAN, S.M. The use of ecological models in the sustainable management of estuaries. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). *Coastal environment V incorporating oil spill studies*. p.17-26. Southampton: WIT Press, 2004. [Humber estuary]
- (0926) GACIA, E.; KENNEDY, H.; DUARTE, C.M.; TERRADOS, J.; MARBA, N.; PAPADIMITRIOU, S.; FORTES, M. Light-dependence of the metabolic balance of a highly productive Philippine seagrass community. *Journal of Experimental Marine Biology and Ecology*, 316(1), 55-67, 2005.
- (0927) GAGNE, F.; BLAISE, C.; PELLERIN, J. Altered exoskeleton composition and vitellogenesis in the crustacean *Gammarus* sp. collected at polluted sites in the Saguenay Fjord, Quebec, Canada. *Environmental Research*, 98(1), 89-99, 2005. [Metallothioneins; vitellogenin; ALPs; G6PD; ICD]
- (0928) GOLUBKOV, S.M.; ALIMOV, A.F.; TELESH, I.V. ANOKHINA, L.E.; MAXIMOV, A.A.; NIKULINA, V.N.; PAVEL'EVA, E.B.; PANOV, V.E. Functional response of midsummer planktonic and benthic communities in the Neva Estuary (eastern Gulf of Finland) to anthropogenic stress. *Oceanologia*, 45(1), 53-66, 2003. [Eutrophication]  
Available at: [http://www.iopan.gda.pl/oceanologia/45\\_1.html](http://www.iopan.gda.pl/oceanologia/45_1.html).
- (0929) HARDING, L.; MANN, G.; HEALEY, N.; ALLARD, P. Assessment of risks from environmental contamination to endangered species at remote lightstations along the Pacific coast of Canada. In: Brebbia, C.A., (editor). *Coastal environment. Environmental problems in coastal regions IV*. p.69-80. Southampton: WIT Press, 2002.
- (0930) HERRERA-SILVEIRA, J.A.; MEDINA-GOMEZ, I.; ARANDA-CIREROL, N.; ZALDIVAR, A.; RAMIREZ, J.; TREJO, J. Trophic status in coastal waters of the Yucatan Peninsula (SE, Mexico) using water quality indicators. In: Brebbia, C.A., (editor). *Coastal environment. Environmental problems in coastal regions IV*. p.351-359. Southampton: WIT Press, 2002. [Nutrients; baseline study]
- (0931) HETLAND, R.D.; GEYER, W.R. An idealized study of the structure of long, partially mixed estuaries. *Journal of Physical Oceanography*, 34(12), 2677-2691, 2004.
- (0932) HIBINO, T.; HAMABASHIRI, K.; SHIMIZU, K. Consequence of the Kuroshio path for hydraulic phenomena around Seto Inland Sea, Japan. In: Brebbia, C.A., (editor). *Coastal environment. Environmental problems in coastal regions IV*. p.259-268. Southampton: WIT Press, 2002.
- (0933) HOOD, W.G.; HINTON, S. Baseline monitoring: planning, design, and prediction for estuarine habitat restoration. In: Droscher, T.W.; Fraser, D.A., (editors). *Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003*. Washington: Puget Sound Action Team, 2004.

- (0934) HOOPER, D.U., (ET AL). Effects of biodiversity on ecosystem functioning: a consensus of current knowledge. *Ecological Monographs*, 75(1), 3-35, 2005.
- (0935) HUANG, H.-J.; FAN, H. Monitoring changes of nearshore zones in the Huanghe (Yellow River) delta since 1976. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(4), 306-314, 2004.
- (0936) INTERNATIONAL COUNCIL FOR SCIENCE SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH. Twenty-seventh Antarctic Treaty Consultative Meeting Cape Town, South Africa, 24 May - 4 June 2004. *Polar Record*, 416(216), 77-96, 2005. [SCAR Bulletin No. 156, January 2005]
- (0937) ISMAEL, A.A.; DORGHAM, M.M. Ecological indices as a tool for assessing pollution in El-Dekhaila Harbour (Alexandria, Egypt). *Oceanologia*, 45(1), 121-131, 2003.  
Available at: [http://www.iopan.gda.pl/oceanologia/45\\_1.html](http://www.iopan.gda.pl/oceanologia/45_1.html)
- (0938) JANKOWSKI, A. Variability in the saline exchange between the Baltic and the Gulf of Gdansk by the sigma-coordinate model. *Oceanologia*, 45(1), 81-105, 2003.  
Available at: [http://www.iopan.gda.pl/oceanologia/45\\_1.html](http://www.iopan.gda.pl/oceanologia/45_1.html)
- (0939) JASINSKA, E.; ROBAKIEWICZ, M.; STASKIEWICZ. Hydrodynamic modelling in the Polish Zone of the Baltic Sea - an overview of Polish achievements. *Oceanologia*, 45(1), 2003.  
Available at: [http://www.iopan.gda.pl/oceanologia/45\\_1.html](http://www.iopan.gda.pl/oceanologia/45_1.html)
- (0940) JOINT NATURE CONSERVATION COMMITTEE (JNCC). Charting progress - an integrated assessment of the state of UK seas. 3. Marine habitats and species. 168p. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-3.pdf>
- (0941) KALUWIN, C. Challenges on managing healthy environmental resources in the coastal waters on the Pacific. In: South, G.R.; Cleave, G.; Skelton, P., (editors). *Oceans in the new millennium: challenges and opportunities for the islands*. p.225-231. Constanta, Romania: IOI, 2001.
- (0942) KLAUS, J.S.; FRIAS-LOPEZ, J.; BONHEYO, G.T.; HEIKOOP, J.M.; FOUKE, B.W. Bacterial communities inhabiting the healthy tissues of two Caribbean reef corals: interspecific and spatial variation. *Coral Reefs*, 24(1), 129-137, 2005. [Along a pollution gradient]
- (0943) KOMAI, K.; HIBINO, T. Estimation of current driving force in Suo Sea, the Seto Inland Sea, Japan. In: Brebbia, C.A., (editor). *Coastal environment. Environmental problems in coastal regions IV*. p.115-124. Southampton: WIT Press, 2002.
- (0944) KOSTOPOULOU, S. Towards a sustainable urban coast: an integrated coastal zone management framework for the cityport of Thessaloniki, Greece. In: Brebbia, C.A., (editor). *Coastal environment. Environmental problems in coastal regions IV*. p.3-12. Southampton: WIT Press, 2002.
- (0945) LANGSTON, W.J.; CHESMAN, B. Characterisation studies of the southwest's designated European Marine Sites. *Bulletin of the Estuarine and Coastal Sciences Association*, 46, p.9, 2004.
- (0946) LATINI, G.; COCCI GRIFONI, R.; PASSERINI, G. Application of new generation models over complex coastal areas. In: Brebbia, C.A., (editor). *Coastal environment. Environmental problems in coastal regions IV*. p.385-394. Southampton: WIT Press, 2002. [AERMOD]
- (0947) LI, Y.-H.; HUANG, X.-P.; YUE, W.-Z.; LIN, Y.-T.; ZOU, R.-L.; HUANG, H. Ecological study on coral reef and intertidal benthos around Yongxing Island, South China Sea. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(2), 176-182, 2004.
- (0948) LIU, X.; WANG, W.; WU, Z. The relation between differences of red tide frequency and economic development along the coasts of Guangdong [In Chinese with English summary]. *Acta Geographica Sinica/Dili Xuebao*, 59(6), 911-917, 2004.

- (0949) MARINE ENVIRONMENT MONITORING GROUP (MEMG). Charting progress - an integrated assessment of the state of UK seas. 1. Marine environment quality. 164p. London: DEFRA, 2005. Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-1.pdf>
- (0950) MCKINNELL, S., (EDITOR). Proceedings of the Third Workshop on the Okhotsk Sea and adjacent areas. Pices Scientific Report, (26), viii,257p., 2004.
- (0951) MICHELI, F.; BENEDETTI-CECCHI, L.; GAMBACCINI, S.; BERTOCCI, I.; BORSINI, C.; OSIO, G.C.; ROMANO, F. Cascading human impacts, marine protected areas, and the structure of Mediterranean reef assemblages. *Ecological Monographs*, 75(1), 81-102, 2005.
- (0952) MITCHELL, S.B.; WEST, J.R. Use of continuous turbidity sensor in the prediction of fine sediment transport in the turbidity maximum of the Trent Estuary, UK. In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.217-226. Southampton: WIT Press, 2002.
- (0953) PANDOLFI, J.M., (ET AL). Are US coral reefs on the slippery slope to slime? *Science*, 307(5716), 1725-1726, 2005.
- (0954) PHYSICK, W.L.; HURLEY, P.J.; BLOCKLEY, A.; RAYNER, K.N.; MOUNTFORD, P. Verification of the air quality models TAPM and DISPMOD in coastal regions. In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.425-434. Southampton: WIT Press, 2002.
- (0955) PULLIAINEN, J.; VEPSALAINEN, J.; KAITALA, S.; HALLIKAINEN, M.; KALLIO, K.; FLEMING, V.; MAUNULA, P. Regional water quality mapping through the assimilation of spaceborne remote sensing data to ship-based transect observations. *Journal of Geophysical Research C*, 109(C12), C12009, 2005.
- (0956) RAUT, D.; GANESH, T.; MURTY, N.V.S.S.; RAMAN, A.V. Macrobenthos of Kakinada Bay in the Godavari delta, East coast of India: comparing decadal changes. *Estuarine, Coastal and Shelf Science*, 62(4), 609-620, 2005.
- (0957) RODRIGUEZ, W.; FELLER, I.C. Mangrove landscape characterization and change in Twin Clays, Belize using aerial photography and IKONOS satellite data. *Atoll Research Bulletin*, 513, 22p., 2004. [Including anthropogenic pressure]
- (0958) SCHNEIDER, L.; NEWTON, J.A. Washington's Beach and Environmental Assessment, Communication and Health (BEACH) Program. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (0959) SHAO, P.; CHEN, Y.; ZHOU, H.; QU, L.; MA, Y.; LI, H.; JIAO, N. Phylogenetic diversity of Archaea in prawn farm sediment. *Marine Biology*, 146(1), 133-142, 2004.
- (0960) SHI, H.; HUANG, C.; YU, X.; ZHU, S. An updated scheme of imposex for *Cantharus cecillei* (Gastropoda: Buccinidae) and a new mechanism leading to the sterilization of imposex-affected females. *Marine Biology*, 146(4), 717-723, 2005.
- (0961) SOUTH, G.R.; CLEAVE, G.; SKELTON, P., (EDITORS). Oceans in the new millennium: challenges and opportunities for the islands - proceedings. 336p. Constanta, Romania: IOI Black Sea Operational Centre, 2001.
- (0962) STEVENS, T. Scales of similarity in soft sediment epibenthic assemblages: implications for marine protected area design. *Marine Biology*, 146(2), 345-354, 2005.
- (0963) SUN, T.; TAO, J.-H. The study of pollutant transport on the action of waves in the near-shore area of Bohai Bay. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(2), 110-119, 2004. [HAB; sewage outfalls]



- (0964) TRAN, K.C.; VALDES, D.; HERRERA, J.; EUAN, J.; MEDINA-GOMEZ, I.; ARANDA-CIREROL, N. Status of coastal water quality at Holbox Island, Quintana Roo State, Mexico. In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.331-340. Southampton: WIT Press, 2002.
- (0965) TRAPIDO-ROSENTHAL, H.; ZIELKE, S.; OWEN, R.; BUXTON, L.; BOEING, B.; BHAGOOI, R.; ARCHER, J. Increased zooxanthellae nitric oxide synthase activity is associated with coral bleaching. *Biological Bulletin*, 208(1), 3-6, 2005.
- (0966) VALINHAS, M.J.; BORREGO, C.; BARROS, N.; CARVALHO, A.C. Ozone deposition modelling in a Portuguese coastal zone. In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.415-424. Southampton: WIT Press, 2002.
- (0967) VON DASSOW, M. Effects of ambient flow and injury on the morphology of a fluid transport system in a bryozoan. *Biological Bulletin*, 208(1), 47-59, 2005.
- (0968) WILSON, W.H.; DALE, A.L.; DAVY, J.E.; DAVY, S.K. An enemy within? Observations of virus-like particles in reef corals. *Coral Reefs*, 24(1), 145-148, 2005. [Stress]
- (0969) ZAGGIA, L.; ZULIANI, A.; COLLAVINI, F.; ZONTA, R. Flood events and the hydrology of a complex catchment: the drainage basin of the Venice Lagoon. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.163-172. Southampton: WIT Press, 2004. [Contaminant delivery; runoff]
- (0970) ZAPPALA, G.; CARUSO, G.; CRISAFI, E. The "SAM" integrated system for coastal monitoring. In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.341-350. Southampton: WIT Press, 2002.

## Section 2: Petroleum Hydrocarbons

- (0971) AMINI, A.; BOLLAERT, E.; BOILLAT, J.L.; SCHLEISS, A. Preliminary design criteria for oil spill confinement booms. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.411-420. Southampton: WIT Press, 2004.
- (0972) BOUTET, I.; TANGUY, A.; MORAGA, D. Characterisation and expression of four mRNA sequences encoding glutathione S-transferases pi, mu, omega and sigma classes in the Pacific oyster *Crassostrea gigas* exposed to hydrocarbons and pesticides. *Marine Biology*, 146(1), 53-64, 2004. [Atrazine; glyphosate; WSF of domestic fuel]
- (0973) CARTER, H.R. Oil and California's seabirds: an overview. *Marine Ornithology*, 31(1), 1-7, 2003.
- (0974) CRECELIUS, E.; JOHNSTON, R.K.; LEATHER, J.; GUERRERO, J.; MILLER, M.; BRANDENBERGER, J. Contaminant mass balance for Sinclair and Dyes Inlets, Puget Sound, Washington. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [Cu; PAH; PCBs]
- (0975) DEFRA. Charting Progress. An integrated assessment of the state of UK seas. 120p. + CDROM. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/index.htm>
- (0976) FANG, M.-D.; LEE, C.-L.; NUNG, W.-C. Distribution and sources recognition of PAHs and PCBs in the sediment of Kaohsiung Harbour, Taiwan. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.145-153. Southampton: WIT Press, 2004.
- (0977) GRAHAM, G. Expert systems for marine oil spill response operations. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (0978) HAMPTON, S.; KELLY, P.R.; CARTER, H.R. Tank vessel operations, seabirds, and chronic oil pollution in California. *Marine Ornithology*, 31(1), 29-34, 2003.
- (0979) INTERNATIONAL OIL POLLUTION COMPENSATION FUNDS. Report on the activities of the International Oil Pollution Compensation Funds in 2004. 181p. International Oil Pollution Compensation Funds, 2005. [Including Braer; Erika; Prestige]
- (0980) JI, Z.-G.; JOHNSON, W.R.; MARSHALL, C.F. Deepwater oil-spill modeling for assessing environmental impacts. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.349-358. Southampton: WIT Press, 2004.
- (0981) JOHANSEN, P.-O.; HEGGOEY, E.; HELGE, B.; VASSENDEN, G.; JOHANNESSEN, P.J. Monitoring surveys of the marine recipients in the fjords of Bergen (Western Norway) in 2003. *Institutt for Fiskeri-og Marinbiologi Rapport*. Bergen, 6, 170p., 2004. [PAH; PCB; metals; organotin; nutrients; bacteria; sewage]
- (0982) JOHANSEN, P.-O.; VASSENDEN, G.; BOTNEN, H.; JOHANNESSEN, P. Environmental investigation of recipients in the vicinity of Hanoeytangen, Askoe County (Western Norway) in 2004. *Institutt for Fiskeri-og Marinbiologi Rapport*. Bergen, 4, 47p., 2004. [PAH; PCB; metals]

- (0983) LEE, K.; VENOSA, A.D.; SUIDAN, M.T.; GREER, C.W.; WOHLGESCHAFFEN, G.; COBANLI, C.; TREMBLAY, G.H.; GAUTHIER, J.; DOE, K.G. Monitoring recovery of a crude oil-contaminated saltmarsh following in-situ remediation treatments. In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.127-137. Southampton: WIT Press, 2002. [Nutrient addition; hexadecane; phenanthrene]
- (0984) LOMAX, D. Further survey results on xenoestrogen exposure of benthic fish in Puget Sound. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [PAHs; PCBs; ELISA]
- (0985) MACHELLA, N.; REGOLI, F.; SANTELLA, R.M. Immunofluorescent detection of 8-oxo-dG and PAH bulky adducts in fish liver and mussel digestive gland. *Aquatic Toxicology*, 71(4), 335-343, 2005. [Benzo(a)pyrene; DNA damage]
- (0986) MARINE ENVIRONMENT MONITORING GROUP (MEMG). Charting progress - an integrated assessment of the state of UK seas. 1. Marine environment quality. 164p. London: DEFRA, 2005. Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-1.pdf>
- (0987) MASKAOUI, K.; ZHENG, T.; HONG, H.; YU, Z.; YUAN, J.; HU, Z. Preliminary study on PAH degradation by bacteria from contaminated sediments in Xiamen Western Sea, Fujian, China. *Chinese Journal of Oceanology and Limnology*, 22(4), 431-435, 2004.
- (0988) MCCRARY, M.D.; PANZER, D.E.; PIERSON, M.O. Oil and gas operations offshore California: status, risks, and safety. *Marine Ornithology*, 31(1), 43-49, 2003.
- (0989) MISHUKOV, V. Experimental study of oil degradation in the Sea of Okhotsk. *Pices Scientific Report*, (26), 225-227, 2004.
- (0990) MOORE, M.; LEFKOVITZ, L.; HALL, M.; HILLMAN, R.; MITCHELL, D.; BURNETT, J. Reduction in organic contaminant exposure and resultant hepatic hydropic vacuolation in winter flounder (*Pseudopleuronectes americanus*) following improved effluent quality and relocation of the Boston sewage outfall into Massachusetts Bay, USA: 1987-2003. *Marine Pollution Bulletin*, 50(2), 156-166, 2005. [Ag; Cd; Cr; Cu; Hg; Ni; Pb; Zn; DDTs; aldrin; dieldrin; endrin; HCB; mirex; lindane; PCBs; chlordanes; PAHs]
- (0991) MUTTIN, F.; GUYOT, F.; NOUCHI, S.; VARIOT, B. Experimental, numerical and optimisation study of oil spill containment boom. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.421-430. Southampton: WIT Press, 2004.
- (0992) NEVINS, H.; CARTER, H.R. Age and sex of common murre *Uria aalge* recovered during the 1997-98 Point Reyes tarball incidents in Central California. *Marine Ornithology*, 31(1), 51-58, 2003.
- (0993) O'NEILL, S.M.; WEST, J.; YLITALO, G. PAH exposure in marine fishes of Puget Sound and the Georgia Basin. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (0994) PALAZZI, E.; CURRO, F.; FABIANO, B. Oil spills in harbour area: a conservative approach to risk assessment and emergency planning. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.359-369. Southampton: WIT Press, 2004.
- (0995) PINHO, J.L.S.; ANTUNES DO CARMO, J.S.; VIEIRA, J.M.P. Mathematical modelling of oil spills in the Atlantic Iberian coastal waters. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.337-347. Southampton: WIT Press, 2004. [Including data on Prestige spill; GIS; modelling tools]

- (0996) POWELL, D.B.; PALM, R.C, JR.; SKILLMAN, A.; GODTFREDSSEN, K. Dietary exposure to PCBs or PAHs: do they affect the innate and acquired disease resistance of Chinook salmon to *Listonella anguillarum*. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (0997) PSALTAKI, M.; PAPADIMITRAKIS, J.; CHRISTOLIS, M.; MARKATOS, N.C. Modelling the behaviour of an oil spill near coastal zones. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.371-380. Southampton: WIT Press, 2004.
- (0998) QIU, Y.; ZHOU, J.K.; MASKAOUI, K.; HONG, H.; WANG, Z. Distribution of polycyclic aromatic hydrocarbons in water and sediments from Daya Bay and their ecological hazard assessment. [In Chinese with English summary]. Journal of Tropical Oceanography/ Redai Haiyang Xuebao, 23(4), 72-80, 2004. [PAHs]
- (0999) STENINA, N.V. The impact of coastal oil-extraction on contamination of the northeast Sakhalin shelf with oil products. Pices Scientific Report, (26), 222-223, 2004.
- (1000) STERN, J.H.; HENNESSY, D.P.; PATMONT, C.R. Improving estimates of contaminant exposure for mobile organisms: an assessment of area-weighted home range exposure estimates applied to the relationship between sediment chemistry and liver lesions in English sole. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [PAHs]
- (1001) SUNDBERG, H.; TJARNLUND, U.; AKERMAN, G.; BLOMBERG, M.; ISHAQ, R.; GRUNDER, K.; HAMMAR, T.; BROMAN, D.; BALK, L. The distribution and relative toxic potential of organic chemicals in a PCB contaminated bay. Marine Pollution Bulletin, 50(2), 195-207, 2005. [EROD; paper mill; aliphatic and monocyclic aromatic compounds; dicyclic aromatic compounds; polycyclic aromatic compounds]
- (1002) VENOSA, A.D.; SUIDAN, M.T.; LEE, K.; COBANLI, S.E.; GARCIA-BLANCO, S.; HAINES, J.R. Bioremediation of oil-contaminated coastal freshwater and saltwater wetlands. In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.139-148. Southampton: WIT Press, 2002. [PAH; nutrient addition]
- (1003) WEST, J.E.; O'NEILL, S.M.; DOTY, D.C. Contamination with polycyclic aromatic hydrocarbons (PAHs) of spawned and ovarian eggs of Pacific herring (*Clupea pallasii*) in Puget Sound, Washington. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [Oil spills]
- (1004) WILSON, L.K.; ELLIOTT, J.E. Contaminants in surf scoters wintering in the Strait of Georgia, British Columbia, Canada. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [Cd; Cu; Hg; Se; Pb; Zn; PAHs; chlorinated hydrocarbons; EROD]

### Section 3: Metals

- (1005) ANGELIDIS, M.O.; CATSIKI, V.-A. Metal bioavailability and bioaccumulation in the marine environment: methodological questions. In: Briand, F., (editor). Metal and radionuclides bioaccumulation in marine organisms, Ancona, 27-30 October 2002. p.33-36. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1006) BLUST, R. Models for the bioaccumulation of metals in aquatic organisms. In: Briand, F., (editor). Metal and radionuclides bioaccumulation in marine organisms, Ancona, 27-30 October 2002. p.71-74. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1007) BOCCHETTI, R.; FATTORINI, D.; GORBI, S.; MACHELLA, N.; REGOLI, F. Unusual bioaccumulation of arsenic in the polychaete *Sabella spallanzanii* and oxidative damages of metals in marine invertebrates. In: Briand, F., (editor). Metal and radionuclides bioaccumulation in marine organisms, Ancona, 27-30 October 2002. p.85-87. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1008) BORTOLI, A.; TRONCON, A.; DARIOL, S.; PELLIZZATO, F.; PAVONI, B. Butyltins and phenyltins in biota and sediments from the Lagoon of Venice. *Oceanologia*, 45(1), 7-23, 2003. [TBT; dibutyltin; monobutyltin; monophenyltin; diphenyltin]  
Available at: [http://www.iopan.gda.pl/oceanologia/45\\_1.html](http://www.iopan.gda.pl/oceanologia/45_1.html)
- (1009) BRIAND, F., (EDITOR). Mediterranean mussel watch - designing a regional program for detecting radionuclides and trace-contaminants. Marseilles, 18-20 April 2002. CIESM Workshop Series, (15), 136p., 2002.  
Available at: <http://www.ciesm.org/publications/Marseilles.pdf>
- (1010) BRIAND, F., (EDITOR). Metal and radionuclides bioaccumulation in marine organisms, Ancona, 27-30 October 2002. 128p. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1011) BUSTAMANTE, P.; CAURANT, F. Metal speciation in cephalopods: implications for bioaccumulation in marine top predators. In: Briand, F., (editor). Metal and radionuclides bioaccumulation in marine organisms, Ancona, 27-30 October 2002. p.81-84. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1012) CAMPBELL, P.G.C. Predicting metal bioavailability - applicability of the Biotic Ligand Model. In: Briand, F., (editor). Metal and radionuclides bioaccumulation in marine organisms, Ancona, 27-30 October 2002. p.25-28. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1013) CAPO, J.A.; MANDAL, P.K.; EYYUNNI, S.; AHEARN, G.A.  $^{65}\text{Zn}^{2+}$  transport by lobster hepato-pancreatic baso-lateral membrane vesicles. *Journal of Comparative Physiology B*, 175(1), 13-20, 2005.
- (1014) CHEUNG, M.; WANG, W.-X. Influence of subcellular metal compartmentalization in different prey on the transfer of metals to a predatory gastropod. *Marine Ecology Progress Series*, 286, 155-166, 2005. [Ag; Cd; Zn]
- (1015) COELHO, M.R. Bioaccumulation and effects of TBT on molluscs from southern Portugal. 201p. Faro: Universidade do Algarve, 2004. (Thesis)
- (1016) COSTA, F.O.; NEUPARTH, T.; CORREIA, A.D.; COSTA, M.H. Multi-level assessment of chronic toxicity of estuarine sediments with the amphipod *Gammarus locusta*: II. Organism and population-level endpoints. *Marine Environmental Research*, 60(1), 93-110, 2005.

- (1017) CRECELIUS, E.; JOHNSTON, R.K.; LEATHER, J.; GUERRERO, J.; MILLER, M.; BRANDENBERGER, J. Contaminant mass balance for Sinclair and Dyes Inlets, Puget Sound, Washington. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [Cu; PAH; PCBs]
- (1018) DEHEYN, D.D.; GENDREAU, P.; BALDWIN, R.J.; LATZ, M.I. Evidence for enhanced bioavailability of trace elements in the marine ecosystem of Deception Island, a volcano in Antarctica. *Marine Environmental Research*, 60(1), 1-33, 2005. [Ag; Al; As; Cd; Cr; Cu; Fe; Mn; Ni; Pb; Se; Sr; Ti; V; Zn]
- (1019) DUFFY, L.K.; DUFFY, R.S.; FINSTAD, G.; GERLACH, C. A note on mercury levels in the hair of Alaskan reindeer. *Science of the Total Environment*, 339(1-3), 273-276, 2005. [Hg; fishmeal]
- (1020) FOWLER, S.W. Role of plankton in controlling fluxes and residence times of metals and radionuclides in the sea. In: Briand, F., (editor). Metal and radionuclides bioaccumulation in marine organisms, Ancona, 27-30 October 2002. p.63-69. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1021) GIBBS, P.E. Male genital defect (Dumpton Syndrome) in the dog-whelk *Nucella lapillus* (Neogastropoda): Mendelian inheritance inferred, based on laboratory breeding experiments. *Journal of the Marine Biological Association of the United Kingdom*, 85(1), 143-150, 2005. [TBT; Bude]
- (1022) GUERRA-GARCIA, J.M.; GARCIA-GOMEZ, J.C. Oxygen levels versus chemical pollutants: do they have similar influence on macrofaunal assemblages? A case study in a harbour with two opposing entrances. *Environmental Pollution*, 135(2), 281-291, 2005. [Al; As; B; Ba; Ca; Cd; Co; Cr; Cu; Fe; K; Li; Mg; Mn; Na; Ni; Pb; S; Sr; Zn; nutrients]
- (1023) HARINO, H.; O'HARA, S.C.M.; BURT, G.R.; CHESMAN, B.S.; LANGSTON, W.J. Accumulation of butyltin compounds in benthic biota of the Mersey Estuary. *Marine Pollution Bulletin*, 50(2), 223-226, 2005. [Monobutyltin; dibutyltin; TBT; Rock Ferry; Egremont; New Brighton]
- (1024) JOHANSEN, P.-O.; HEGGOEY, E.; HELGE, B.; VASSENDEN, G.; JOHANNESSEN, P.J. Monitoring surveys of the marine recipients in the fjords of Bergen (Western Norway) in 2003. *Institutt for Fiskeri-og Marinbiologi Rapport*. Bergen, 6, 170p., 2004. [PAH; PCB; metals; organotin; nutrients; bacteria; sewage]
- (1025) JOHANSEN, P.-O.; VASSENDEN, G.; BOTNEN, H.; JOHANNESSEN, P. Environmental investigation of recipients in the vicinity of Hanoeytangen, Askoy County (Western Norway) in 2004. *Institutt for Fiskeri-og Marinbiologi Rapport*. Bergen, 4, 47p., 2004. [PAH; PCB; metals]
- (1026) JUDD, N.L.; KARR, J.R.; GRIFFITH, W.C.; FAUSTMAN, E.M. Defining background contaminant levels for human and ecological risk assessment in Puget Sound and beyond. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [As; Hg; DDT; PCB]
- (1027) KING, C.K.; SIMPSON, S.L.; SMITH, S.V.; STAUBER, J.L.; BATLEY, G.E. Short-term accumulation of Cd and Cu from water, sediment and algae by the amphipod *Melita plumulosa* and the bivalve *Tellina deltoidalis*. *Marine Ecology Progress Series*, 287, 177-188, 2005.
- (1028) KORYAKOVA, M.D.; SUPONINA, A.P.; ZVYAGINSTEVA, A. On the potentiality of applying a biofouling community for estimating the heavy-metal contamination of harbor waters. *Russian Academy of Sciences. Oceanology*, 43(2), 190-195, 2003. [Fe; Mn; Cu; Zn; Pb; Cd; Ni]
- (1029) LANGSTON, W.J.; BURT, G.R.; CHESMAN, B.S.; VANE, C.H. Partitioning, bioavailability and effects of oestrogens and xeno-oestrogens in the aquatic environment. *Journal of the Marine Biological Association of the United Kingdom*, 85(1), 1-31, 2005. [Review; endocrine disruptors]

- (1030) LEE, J.-S.; LEE, J.-H. Influence of acid volatile sulfides and simultaneously extracted metals on the bioavailability and toxicity of a mixture of sediment-associated Cd, Ni, and Zn to polychaetes *Neanthes arenaceodentata*. *Science of the Total Environment*, 338(3), 229-241, 2005.
- (1031) LEGRAND, M.; ARP, P.; RITCHIE, C.; CHAN, H.M. Mercury exposure in two coastal communities of the Bay of Fundy, Canada. *Environmental Research*, 98(1), 14-21, 2005. [Hg]
- (1032) LI, M.; XU, J.; LIU, Z.-L.; XU, J. Strontium stress on marine microalgae *Dicrateria inornata* growth and antioxidant enzymes activities. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(5), 467-472, 2004. [90Sr; nuclear waste]
- (1033) LIAO, C.-M.; JOU, L.-J.; CHEN, B.-C. Risk-based approach to appraise valve closure in the clam *Corbicula fluminea* in response to waterborne metals. *Environmental Pollution*, 135(1), 41-52, 2005. [Cd; Cu]
- (1034) LUOMA, S.N. Processes affecting trophic transfer and resultant effects of metals: implications for monitoring metal pollution in the sea. In: Briand, F., (editor). *Metal and radionuclides bioaccumulation in marine organisms*, Ancona, 27-30 October 2002. p.75-78. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1035) MARINE ENVIRONMENT MONITORING GROUP (MEMG). Charting progress - an integrated assessment of the state of UK seas. 1. Marine environment quality. 164p. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-1.pdf>
- (1036) MASON, A.Z.; PERICO, N.; MOELLER, R.; THRIFFLETON, K.; POTTER, T.; LLOYD, D. Erratum to "Metal donation and apo-metalloenzyme activation by stable isotopically labeled metallothionein" [*Marine Environmental Research* 58 (2004) 371-375]. *Marine Environmental Research*, 60(1), 131-132, 2005. [Cd; Zn]
- (1037) MEADOR, J.P.; ERNEST, D.W.; KAGLEY, A.N. A comparison of the non-essential elements cadmium, mercury, and lead found in fish and sediment from Alaska and California. *Science of the Total Environment*, 339(1-3), 189-205, 2005. [Cd; Hg; Pb]
- (1038) MEILI, M. Scope of methylmercury turnover in organisms: towards a general model of biokinetics? In: Briand, F., (editor). *Metal and radionuclides bioaccumulation in marine organisms*, Ancona, 27-30 October 2002. p.93-96. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1039) MIKAC, N. Bioaccumulation of inorganic and organic mercury and organolead compounds in marine organisms. In: Briand, F., (editor). *Metal and radionuclides bioaccumulation in marine organisms*, Ancona, 27-30 October 2002. p.89-91. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19) [Hg; Pb]  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1040) MOORE, M.; LEFKOVITZ, L.; HALL, M.; HILLMAN, R.; MITCHELL, D.; BURNETT, J. Reduction in organic contaminant exposure and resultant hepatic hydropic vacuolation in winter flounder (*Pseudopleuronectes americanus*) following improved effluent quality and relocation of the Boston sewage outfall into Massachusetts Bay, USA: 1987-2003. *Marine Pollution Bulletin*, 50(2), 156-166, 2005. [Ag; Cd; Cr; Cu; Hg; Ni; Pb; Zn; DDTs; aldrin; dieldrin; endrin; HCB; mirex; lindane; PCBs; chlordanes; PAHs]
- (1041) MOUKRIM, A. Reponse de certains parametres biochimiques chez la moule mediterraneenne *Mytilus galloprovincialis* a la pollution metallique. In: Briand, F., (editor). *Metal and radionuclides bioaccumulation in marine organisms*, Ancona, 27-30 October 2002. p.47-52. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19) [Cd; Cu; Fe; Zn]  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>

- (1042) NISSEN, L.R.; BJERREGAARD, P.; SIMONSEN, V. Interindividual variability in metal status in the shore crab *Carcinus maenas*: the role of physiological condition and genetic variation. *Marine Biology*, 146(3), 571-580, 2005. [Cd; Cu; Zn]
- (1043) NORUM, U.; LAI, V.W.-M.; CULLEN, W.R. Trace element distribution during the reproductive cycle of female and male spiny and Pacific scallops, with implications for biomonitoring. *Marine Pollution Bulletin*, 50(2), 175-184, 2005. [Cd; Co; Cr; Fe; Hg; Mn; Mo; Ni; Se; Sn]
- (1044) PING, S.; HUANG, Q.; QIAO, Y.; XIE, L.; DONG, Q. An investigation on heavy metal contamination of mammals in Shantou Harbor.[In Chinese with English summary]. *Journal of Tropical Oceanography/ Redai Haiyang Xuebao*, 23(4), 56-62, 2004.
- (1045) QI, F.; ZHENG, B.; WAN, J.; ZHANG, L.; WANG, J. Pollution of heavy metal in the sample of column of Bohai Bay in Tianjin [In Chinese with English summary]. *Ocean Technology/Haiyang Jishu*, 23(3), 85-91, 2004.
- (1046) QIAN, A.; WANG, X.; DENG, Y.; CHEN, L. Heavy metal biosorption sites studies of *Laminaria japonica* [In Chinese with English summary]. *Ocean Technology/Haiyang Jishu*, 23(3), 97-99, 2004.
- (1047) RAINBOW, P. Physiology, physicochemistry and the uptake of dissolved trace metals by crustaceans. In: Briand, F., (editor). *Metal and radionuclides bioaccumulation in marine organisms*, Ancona, 27-30 October 2002. p.29-31. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19) Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1048) RAINBOW, P.S.; BLACK, W.H. Physicochemistry or physiology: cadmium uptake and effects of salinity and osmolality in three crabs of different ecologies. *Marine Ecology Progress Series*, 286, 217-229, 2005. [Cd]
- (1049) RUIZ, J.M.; BARREIRO, R.; GONZALEZ, J.J. Biomonitoring organotin pollution with gastropods and mussels. *Marine Ecology Progress Series*, 287, 169-176, 2005. [TBT; monobutyltin; dibutyltin; imposex]
- (1050) SANCHIZ, C.; GARCIA-CARRASCOSA, A.M.; PASTOR, A. Mercury, cadmium, lead and zinc bioaccumulation in soft-bottom marine macrophytes from the East coast of Spain. In: Briand, F., (editor). *Metal and radionuclides bioaccumulation in marine organisms*, Ancona, 27-30 October 2002. p.53-57. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19) [Cd; Hg; Pb; Zn] Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1051) SANTOS, I.R.; SILVA-FILHO, E.V.; SCHAEFER, C.E.G.R.; ALBUQUERQUE-FILHO, M.R.; CAMPOS, L.S. Heavy metal contamination in coastal sediments and soils near the Brazilian Antarctic Station, King George Island. *Marine Pollution Bulletin*, 50(2), 185-194, 2005. [Al; B; Ba; Ca; Cr; Cu; Fe; Mg; Mn; Mo; Ni; Pb; Sr; Ti; V; Zn]
- (1052) SHE, J.; HOLDEN, A.; TANNER, M.; ADELSBACH, T.; SCHWARZBACH, S.; THOMPSON, C.W.; MAHAFFY, M.; PETREAS, M.; SIMMONS, B.P.; HOOPER, K. High PBDE levels in shorebird eggs from the San Francisco Bay and Washington State. In: Droscher, T.W.; Fraser, D.A., (editors). *Proceedings. 2003 Georgia Basin/Puget Sound Research Conference*, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [As; Hg; Pb; PCBs]
- (1053) SHI, H.; HUANG, C.; YU, X.; ZHU, S. An updated scheme of imposex for *Cantharus cecillei* (Gastropoda: Buccinidae) and a new mechanism leading to the sterilization of imposex-affected females. *Marine Biology*, 146(4), 717-723, 2005.
- (1054) STORELLI, M.M.; STORELLI, A.; D'ADDABBO, R.; MARANO, C.; BRUNO, R.; MARCOTRIGIANO, G.O. Trace elements in loggerhead turtles (*Caretta caretta*) from the eastern Mediterranean Sea: overview and evaluation. *Environmental Pollution*, 135(1), 163-170, 2005. [Cd; Cu; Fe; Hg; Pb; Se; Zn]



- (1055) TAVARES, P.C.; MONTEIRO, L.R.; LOPES, R.J.; PEREIRA, M.E.; DUARTE, A.C.; FURNESS, R.W. Variation of mercury contamination in chicks of little tern *Sterna albifrons* in Southwest Europe: brood, age, and colony related effects. *Bulletin of Environmental Contamination and Toxicology*, 74(1), 177-183, 2005. [Hg; Portugal]
- (1056) VASSENDEN, G.; BOTNEN, H.; JOHANNESSEN, P. Marine environmental investigation at Haakonsvern Naval Base (Western Norway) 2001-2003. *Institutt for Fiskeri-og Marinbiologi Rapport*. Bergen, 3, 187p., 2004. [Metals; PCB; dredging]
- (1057) VIARENGO, A.; BURLANDO, B.; DONDERO, F. Effects of heavy metals on signal transduction and consequent toxic effects. In: Briand, F., (editor). *Metal and radionuclides bioaccumulation in marine organisms*, Ancona, 27-30 October 2002. p.79-80. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1058) WANG, C.G.; CHEN, Y.X.; LI, Y.; WEI, W.; YU, Q. Effects of low dose tributyltin on activities of hepatic antioxidant and phase II enzymes in *Sebastiscus marmoratus*. *Bulletin of Environmental Contamination and Toxicology*, 74(1), 114-119, 2005. [TBT]
- (1059) WARNAU, M. Bioaccumulation of heavy metals and radionuclides in the *Posidonia oceanica* meadow, an endemic Mediterranean ecosystem. In: Briand, F., (editor). *Metal and radionuclides bioaccumulation in marine organisms*, Ancona, 27-30 October 2002. p.59-61. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1060) WILSON, L.K.; ELLIOTT, J.E. Contaminants in surf scoters wintering in the Strait of Georgia, British Columbia, Canada. In: Droscher, T.W.; Fraser, D.A., (editors). *Proceedings. 2003 Georgia Basin/Puget Sound Research Conference*, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [Cd; Cu; Hg; Se; Pb; Zn; PAHs; chlorinated hydrocarbons; EROD]
- (1061) YU, X.-J.; HUANG, C.-J.; ZHU, S.-X.; SHEN, J.-H.; DONG, Q.-X. Anatomical and histological studies on imposex of *Thais clavigera*. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(2), 149-155, 2004. [TBT; triphenyltin; organotin]
- (1062) ZHANG, S.-N.; SUN, Y.; SONG, Y.-L.; YU, Z.-G. Kinetic features of four heavy metals bioaccumulation of mussel *Mytilus edulis*. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(5), 438-445, 2004. [As; Cd; Hg; Pb]

## Section 4: Radioactivity

- (1063) BARUCH, R.; AVISHAI, N.; RABINOWITZ, C. UV incites diverse levels of DNA breaks in different cellular compartments of a branching coral species. *Journal of Experimental Biology*, 208(5), 843-848, 2005.
- (1064) BRIAND, F., (EDITOR). Mediterranean mussel watch - designing a regional programme for detecting radionuclides and trace-contaminants. Marseilles, 18-20 April 2002. CIESM Workshop Series, (15), 136p., 2002.  
Available at: <http://www.ciesm.org/publications/Marseilles.pdf>
- (1065) BRIAND, F., (EDITOR). Metal and radionuclides bioaccumulation in marine organisms, Ancona, 27-30 October 2002. 128p. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1066) CAMUS, L.; GULLIKSEN, B. Antioxidant defense properties of Arctic amphipods: comparison between deep-, sublittoral and surface-water species. *Marine Biology*, 146(2), 355-362, 2005. [UV; hydrogen peroxide]
- (1067) DEFRA. Charting Progress. An integrated assessment of the state of UK seas. 120p. + CDROM. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/index.htm>
- (1068) FOWLER, S.W. Role of plankton in controlling fluxes and residence times of metals and radionuclides in the sea. In: Briand, F., (editor). Metal and radionuclides bioaccumulation in marine organisms, Ancona, 27-30 October 2002. p.63-69. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>
- (1069) HARINO, H.; KITANO, M.; MORI, Y.; MOCHIDA, K.; KAKUNO, A.; ARIMA, S. Degradation of antifouling booster biocides in water. *Journal of the Marine Biological Association of the United Kingdom*, 85(1), 33-38, 2005. [Sea-Nine 211; diuron; Irgarol 1051; copper pyrithione; UV; photodegradation; biodegradation]
- (1070) JOHNSEN, S. Visual ecology on the high seas. *Marine Ecology Progress Series*, 287, 281-285, 2005.
- (1071) JONES, T.S.; MCLEAN, R.I. Sediment concentrations of radionuclides released by Calvert Cliffs nuclear power plant. Volume 1: narrative discussion. [np]. Maryland: Maryland Department of Natural Resources, 2001.
- (1072) KORBEE, N.; HUOVINEN, P.; FIGUEROA, F.L.; AGUILERA, J.; KARSTEN, U. Availability of ammonium influences photosynthesis and the accumulation of mycosporine-like amino acids in two *Porphyra* species (Bangiales, Rhodophyta). *Marine Biology*, 146(4), 645-654, 2005. [UV]
- (1073) KRABS, G.; WIENCKE, C. Photosynthesis, photosynthetic pigments and mycosporine-like amino acids after exposure of the marine red alga *Chondrus crispus* (Gigartinales, Rhodophyta) to different light qualities. *Phycologia*, 44(1), 95-102, 2005. [UV; UVA; Helgoland]
- (1074) LI, M.; XU, J.; LIU, Z.-L.; XU, J. Strontium stress on marine microalgae *Dicrateria inornata* growth and antioxidant enzymes activities. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(5), 467-472, 2004. [90Sr; nuclear waste]
- (1075) MARINE ENVIRONMENT MONITORING GROUP (MEMG). Charting progress - an integrated assessment of the state of UK seas. 1. Marine environment quality. 164p. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-1.pdf>
- (1076) MIYAZAKI, T.; YAMAUCHI, M.; TAKAMI, M.; KOHBARA, J. Putative ultraviolet-photosensitivity in the retina of 1-year-old nibbler *Girella punctata*: based on molecular and histological evidences. *Fisheries Science*, 71(1), 159-167, 2005. [UV]

(1077) PERIANEZ, P. Measuring and modelling temporal trends of  $^{226}\text{Ra}$  in waters of a Spanish estuary affected by the phosphate industry. *Marine Environmental Research*, 60(1), 35-49, 2005. [Phosphogypsum]

(1078) PERIANEZ, R.; ABSI, A.; VILLA, M.; MORENO, H.P.; MANJON, G. Self-cleaning in an estuarine area formerly affected by  $^{226}\text{Ra}$  anthropogenic enhancements: numerical simulations. *Science of the Total Environment*, 339(1-3), 207-218, 2005. [Phosphogypsum]

(1079) SUNDA, W.G.; LITAKER, R.W.; HARDISON, D.R.; TESTER, P.A. Dimethylsulfoniopropionate (DMSP) and its relation to algal pigments in diverse waters of the Belize coastal lagoon and barrier reef system. *Marine Ecology Progress Series*, 287, 11-22, 2005. [UV; oxidative stress]

(1080) THEBAULT, H.; ALLIOT, E. Transfer of radionuclides and organic matter in the Rhone delta coastal zone studied with large field-deployed mesocosms. In: Briand, F., (editor). *Metal and radionuclides bioaccumulation in marine organisms*, Ancona, 27-30 October 2002. p.46-46. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19) [ $^{137}\text{Cs}$ ]  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>

(1081) WARNAU, M. Bioaccumulation of heavy metals and radionuclides in the *Posidonia oceanica* meadow, an endemic Mediterranean ecosystem. In: Briand, F., (editor). *Metal and radionuclides bioaccumulation in marine organisms*, Ancona, 27-30 October 2002. p.59-61. Monaco: CIESM, 2002. (CIESM Workshop Monographs 19)  
Available at: <http://www.ciesm.org/publications/Ancona02.pdf>

## Section 5: Other Chemicals

- (1082) BABIN, M.M.; TARAZONA, J.V. In vitro toxicity of selected pesticides on RTG-2 and RTL-W1 fish cell lines. *Environmental Pollution*, 135(2), 267-274, 2005. [Bifenthrin; cypermethrin; cyhalothrin; quinalphos; chlorpyrifos]
- (1083) BEJARANO, A.C.; DECHO, A.W.; CHANDLER, G.T. The role of various dissolved organic matter forms on chlorpyrifos bioavailability to the estuarine bivalve *Mercenaria mercenaria*. *Marine Environmental Research*, 60(1), 111-130, 2005.
- (1084) BEMAN, J.M.; ARRIGO, K.R.; MATSON, P.A. Agricultural runoff fuels large phytoplankton blooms in vulnerable areas of the ocean. *Nature*, 434(7030), 211-214, 2005. [Nutrients; fertilizer use]
- (1085) BOUDREAU, M.; COURTENAY, S.C.; MACLATCHY, D.L.; BERUBE, C.H.; HEWITT, L.M.; VAN DER KRAAK, G.J. Morphological abnormalities during early-life development of the estuarine mummichog, *Fundulus heteroclitus*, as an indicator of androgenic and anti-androgenic endocrine disruption. *Aquatic Toxicology*, 71(4), 357-369, 2005. [Methyltestosterone; cyproterone acetate]
- (1086) BOUTET, I.; TANGUY, A.; MORAGA, D. Characterisation and expression of four mRNA sequences encoding glutathione S-transferases pi, mu, omega and sigma classes in the Pacific oyster *Crassostrea gigas* exposed to hydrocarbons and pesticides. *Marine Biology*, 146(1), 53-64, 2004. [Atrazine; glyphosate; WSF of domestic fuel]
- (1087) BRIAND, F., (EDITOR). Mediterranean mussel watch - designing a regional program for detecting radionuclides and trace-contaminants. Marseilles, 18-20 April 2002. CIESM Workshop Series, (15), 136p., 2002.  
Available at: <http://www.ciesm.org/publications/Marseilles.pdf>
- (1088) CAMUS, L.; GULLIKSEN, B. Antioxidant defense properties of Arctic amphipods: comparison between deep-, sublittoral and surface-water species. *Marine Biology*, 146(2), 355-362, 2005. [UV; hydrogen peroxide]
- (1089) CARTENSEN, J.; FROHN, L.M.; HASAGER, C.B.; GUSTAFSSON, B.G. Summer algal blooms in a coastal ecosystem: the role of atmospheric deposition versus entrainment fluxes. *Estuarine, Coastal and Shelf Science*, 62(4), 595-608, 2005. [Eutrophication; nitrogen pulses]
- (1090) CHAN, H.; LAU, T.; ANG, P.; WU, M.; WONG, P. Biosorption of di(2-ethylhexyl)phthalate by seaweed biomass. *Journal of Applied Phycology*, 16(4), 263-274, 2004.
- (1091) COCCI GRIFONI, R.; PASSERINI, G.; TASCINI, S. An assessment of the sea/valley breeze and its impact on ozone behaviour. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). *Coastal environment V incorporating oil spill studies*. p.257-266. Southampton: WIT Press, 2004.
- (1092) CONLET, D.J. The biogeochemical silica cycle: elemental to global scales. *Oceanis*, 28(3/4), 353-368, 2002.
- (1093) COSTA, F.O.; NEUPARTH, T.; CORREIA, A.D.; COSTA, M.H. Multi-level assessment of chronic toxicity of estuarine sediments with the amphipod *Gammarus locusta*: II. Organism and population-level endpoints. *Marine Environmental Research*, 60(1), 93-110, 2005.
- (1094) CRECELIUS, E.; JOHNSTON, R.K.; LEATHER, J.; GUERRERO, J.; MILLER, M.; BRANDENBERGER, J. Contaminant mass balance for Sinclair and Dyes Inlets, Puget Sound, Washington. In: Droscher, T.W.; Fraser, D.A., (editors). *Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003*. Washington: Puget Sound Action Team, 2004. [Cu; PAH; PCBs]

- (1095) CULLON, D.L.; JEFFERIES, S.J.; WHITCAR, M.J.; ROSS, P.S. Assessing the dietary exposure of harbour seals (*Phoca vitulina*) to persistent organic pollutants (POPs) in the Strait of Georgia (British Columbia, Canada) and Puget Sound (Washington State, USA). In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (1096) DANIS, B.; COTRET, O.; TEYSSIE, J.L.; BUSTAMANTE, P.; FOWLER, S.W.; WARNAU, M. Bioaccumulation of PCBs in the sea urchin *Paracentrotus lividus*: seawater and food exposures to a <sup>14</sup>C-radiolabelled congener (PCB 153). *Environmental Pollution*, 135(1), 11-16, 2005.
- (1097) DE WIT, R.; FALCON, L.I.; CHARPY-ROUBUD, C. Heterotrophic dinitrogen fixation (acetylene reduction) in phosphate-fertilised *Microcoleus chthonoplastes* microbial mat from the hypersaline inland lake 'la Salada de Chiprana' (NE Spain). *Hydrobiologia*, 534, 245-253, 2005.
- (1098) DEFRA. Charting Progress. An integrated assessment of the state of UK seas. 120p. + CDROM. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/index.htm>
- (1099) DEVILLA, R. A.; BROWN, M.T.; DONKIN, M.; TARRAN, G.A.; AIKEN, J.; READMAN, J.W. Impact of antifouling booster biocides on single microalgal species and on a natural marine phytoplankton community. *Marine Ecology Progress Series*, 286, 1-12, 2005. [Phytoplankton from Station L4, off Plymouth; Sea-Nine 211; Irgarol 1051; diuron; zinc pyrithione]
- (1100) DORGHAM, M.M.; ABDEIL, N.E.; EL-DEEB, K.Z.; OKBAH, M.A. Eutrophication problems in the western harbour of Alexandria, Egypt. *Oceanologia*, 46(1), 25-44, 2004. [Nutrients]
- (1101) DUFFY, J.E.; LI, Y.; ZELIKOFF, J.T. PCB-induced hepatic CYP1A induction is associated with innate immune dysfunction in a feral teleost fish. *Bulletin of Environmental Contamination and Toxicology*, 74(1), 107-113, 2005.
- (1102) DUNCAN, P.B.; COLLIER, T.; KINNEE, K.; MARKIEWICZ, A. Overview of results from a workshop addressing PCBs in Puget Sound and Georgia Basin ecosystems. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (1103) DUTCH, M.; AASEN, S.; LONG, E.R. PCB aroclor concentrations in Puget Sound sediments. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (1104) DUTCH, M.; AASEN, S.; LONG, E.R. PCB congener concentrations in Puget Sound sediments. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (1105) EKLUND, B.; SVENSSON, A.P.; JONSSON, C.; MALM, T. Toxic effects of decomposing red algae on littoral organisms. *Estuarine, Coastal and Shelf Science*, 62(4), 621-626, 2005. [Eutrophication; enhanced production; brominated compounds]
- (1106) FABRICIUS, K.E. Effects of terrestrial runoff on the ecology of corals and coral reefs: review and synthesis. *Marine Pollution Bulletin*, 50(2), 125-146, 2005. [Inorganic nutrients; particulate organic matter; turbidity; light reduction; sedimentation; eutrophication]
- (1107) FANG, M.-D.; LEE, C.-L.; NUNG, W.-C. Distribution and sources recognition of PAHs and PCBs in the sediment of Kaohsiung Harbour, Taiwan. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). *Coastal environment V incorporating oil spill studies*. p.145-153. Southampton: WIT Press, 2004.

- (1108) **GOBAS, F.** Modeling PCBs: lessons learned from large systems. In: **Droscher, T.W.; Fraser, D.A.**, (editors). *Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003.* Washington: Puget Sound Action Team, 2004. [Killer whale]
- (1109) **GOLUBKOV, S.M.; ALIMOV, A.F.; TELESH, I.V.ANOKHINA, L.E.; MAXIMOV, A.A.; NIKULINA, V.N.; PAVEL'EVA, E.B.; PANOV, V.E.** Functional response of midsummer planktonic and benthic communities in the Neva Estuary (eastern Gulf of Finland) to anthropogenic stress. *Oceanologia*, 45(1), 53-66, 2003. [Eutrophication]  
Available at: [http://www.iopan.gda.pl/oceanologia/45\\_1.html](http://www.iopan.gda.pl/oceanologia/45_1.html)
- (1110) **GREYTAK, S.R.; CHAMPLIN, D.; CALLARD, G.V.** Isolation and characterization of two cytochrome P450 aromatase forms in killifish (*Fundulus heteroclitus*): differential expression in fish from polluted and unpolluted environments. *Aquatic Toxicology*, 71(4), 371-389, 2005. [PCBs; endocrine disruption; reproduction]
- (1111) **GUERRA-GARCIA, J.M.; GARCIA-GOMEZ, J.C.** Oxygen levels versus chemical pollutants: do they have similar influence on macrofaunal assemblages? A case study in a harbour with two opposing entrances. *Environmental Pollution*, 135(2), 281-291, 2005. [Al; As; B; Ba; Ca; Cd; Co; Cr; Cu; Fe; K; Li; Mg; Mn; Na; Ni; Pb; S; Sr; Zn; nutrients]
- (1112) **HARINO, H.; KITANO, M.; MORI, Y.; MOCHIDA, K.; KAKUNO, A.; ARIMA, S.** Degradation of antifouling booster biocides in water. *Journal of the Marine Biological Association of the United Kingdom*, 85(1), 33-38, 2005. [Sea-Nine 211; diuron; Irgarol 1051; copper pyrithione; UV; photodegradation; biodegradation]
- (1113) **HATAKEYAMA, S.; TAKAMI, A.; SAKAMAKI, F.; MUKAI, H.; SUGIMOTO, N.; SHIMIZU, A.; BANDOW, H.** Aerial measurement of air pollutants and aerosols during 20-22 March 2001 over the East China Sea. *Journal of Geophysical Research D*, 109(D13), [np], 2004.
- (1114) **HAYS, C.G.** Effect of nutrient availability, grazer assemblage and seagrass source population on the interaction between *Thalassia testudinum* (turtle grass) and its algal epiphytes. *Journal of Experimental Marine Biology and Ecology*, 314(1), 53-68, 2005.
- (1115) **HEGGOEY, E.; BOTNEN, H.; VASSENDEN, G.; JOHANNESSEN, P.J.** Marine environment investigation of recipients north in Tysnes County (Western Norway) in 2004. *Institutt for Fiskeri-og Marinbiologi Rapport. Bergen*, 5, 60p., 2004. [Nutrients]
- (1116) **HERRERA-SILVEIRA, J.A.; MEDINA-GOMEZ, I.; ARANDA-CIREROL, N.; ZALDIVAR, A.; RAMIREZ, J.; TREJO, J.** Trophic status in coastal waters of the Yucatan Peninsula (SE, Mexico) using water quality indicators. In: **Brebbia, C.A.**, (editor). *Coastal environment. Environmental problems in coastal regions IV.* p.351-359. Southampton: WIT Press, 2002. [Nutrients; baseline study]
- (1117) **HONGISTO, M.; JOFFRE, S.** Meteorological and climatological factors affecting transport and deposition of nitrogen compounds over the Baltic Sea. *Boreal Environment Research*, 10(1), 1-17, 2005.
- (1118) **HUANG, H.-Q.; XIAO, Z.-Q.; LIN, Q.-M.; CHEN, P.** Characteristics of trapping various organophosphorus pesticides with a ferritin reactor of shark liver (*Sphyrna zygaena*). *Analytical Chemistry*, 77(6), 1920-1927, 2005. [Dichlorovos; methamidophos]
- (1119) **INSTITUT OCEANOGRAPHIQUE., (EDITOR).** The biogeochemical silicium cycle: elemental to global scale. *Seminaire de l'Institut Oceanographique, Paris 22 October 2002.* *Oceanis*, 28(3/4), 353-569, 2002.
- (1120) **JOHANSEN, P.-O.; HEGGOEY, E.; HELGE, B.; VASSENDEN, G.; JOHANNESSEN, P.J.** Monitoring surveys of the marine recipients in the fjords of Bergen (Western Norway) in 2003. *Institutt for Fiskeri-og Marinbiologi Rapport. Bergen*, 6, 170p., 2004. [PAH; PCB; metals; organotin; nutrients; bacteria; sewage]

- (1121) JOHANSEN, P.-O.; VASSENDEN, G.; BOTNEN, H.; JOHANNESSEN, P. Environmental investigation of recipients in the vicinity of Hanoeytangen, Askoe County (Western Norway) in 2004. Institutt for Fiskeri-og Marinbiologi Rapport. Bergen, 4, 47p., 2004. [PAH; PCB; metals]
- (1122) JUDD, N.L.; KARR, J.R.; GRIFFITH, W.C.; FAUSTMAN, E.M. Defining background contaminant levels for human and ecological risk assessment in Puget Sound and beyond. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [As; Hg; DDT; PCB]
- (1123) JUHL, A.R.; MURRELL, M.C. Interactions between nutrients, phytoplankton growth, and microzooplankton grazing in a Gulf of Mexico estuary. *Aquatic Microbial Ecology*, 38(2), 147-156, 2005. [Nutrient loading]
- (1124) KEY, R.M., (ET AL). A global ocean carbon climatology: results from Global Data Analysis Project (GLODAP). *Global Biogeochemical Cycles*, 18(4), GB4031, 2004. [Anthropogenic CO<sub>2</sub>]
- (1125) KIRBY, M.X.; MILLER, H.M. Response of a benthic suspension feeder (*Crassostrea virginica* Gmelin) to three centuries of anthropogenic eutrophication in Chesapeake Bay. *Estuarine, Coastal and Shelf Science*, 62(4), 679-689, 2005. [Nutrient loading]
- (1126) KORBEE, N.; HUOVINEN, P.; FIGUEROA, F.L.; AGUILERA, J.; KARSTEN, U. Availability of ammonium influences photosynthesis and the accumulation of mycosporine-like amino acids in two *Porphyra* species (Bangiales, Rhodophyta). *Marine Biology*, 146(4), 645-654, 2005. [UV]
- (1127) KORPINEN, P.; KIIRIKKI, M.; RANTANEN, P.; INKALA, A.; SARKKULA, J. High resolution 3D-ecosystem model for the Neva Bay and Estuary - model validation and future scenarios. *Oceanologia*, 45(1), 67-80, 2003. [Nutrients]  
Available at: [http://www.iopan.gda.pl/oceanologia/45\\_1.html](http://www.iopan.gda.pl/oceanologia/45_1.html)
- (1128) LAAMANEN, M.; KUOSA, H. Annual variability of biomass and heterocysts of the N<sub>2</sub>-fixing cyanobacterium *Aphanizomenon flos-aquae* in the Baltic Sea with reference to *Anabaena* spp. and *Nodularia spumigena*. *Boreal Environment Research*, 10(1), 19-30, 2005. [Nutrients]
- (1129) LANCELOT, C.; STANEVA, J.; GYPENS, N. Modelling the response of coastal ecosystem to nutrient change. *Oceanis*, 28(3/4), 531-556, 2002. [Eutrophication; nutrient loads]
- (1130) LANGSTON, W.J.; BURT, G.R.; CHESMAN, B.S.; VANE, C.H. Partitioning, bioavailability and effects of oestrogens and xeno-oestrogens in the aquatic environment. *Journal of the Marine Biological Association of the United Kingdom*, 85(1), 1-31, 2005. [Review; endocrine disruptors]
- (1131) LATINI, G.; COCCI GRIFONI, R.; PASSERINI, G. The importance of meteorology in determining surface ozone concentrations - a neural network approach. In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.405-414. Southampton: WIT Press, 2002.
- (1132) LI, J.; DONG, Q.; DU, H.; QIAO, Y.; ZHANG, Y. Spatial and temporal distributions of nitrogen and phosphorus in surface sediments of Zhelin Bay. [In Chinese with English summary]. *Journal of Tropical Oceanography/ Redai Haiyang Xuebao*, 23(4), 63-71, 2004.
- (1133) LI, J.; GU, J.; ZHOU, Y.; CAI, C. Aerobic biodegradation of an endocrine-disrupting chemical, dimethyl isophthalate, and its biochemical pathway. [In Chinese with English summary]. *Journal of Tropical Oceanography/ Redai Haiyang Xuebao*, 23(5), 56-62, 2004.
- (1134) LIU, X.; BAI, X.; ZHOU, X.; DENG, S.; WANG, S. Studies on pilot experiment of using hydroxyl treating 20t/h ship ballast water [In Chinese with English summary]. *Ocean Technology/Haiyang Jishu*, 23(3), 78-81, 2004.

- (1135) LOMAX, D. Further survey results on xenoestrogen exposure of benthic fish in Puget Sound. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [PAHs; PCBs; ELISA]
- (1136) LUEDEKING, A.; VAN NOORDEN, C.J.F.; KOEHLER, A. Identification and characterisation of a multidrug resistance-related protein mRNA in the blue mussel *Mytilus edulis*. Marine Ecology Progress Series, 286, 167-175, 2005. [2-acetylaminofluorene]
- (1137) MARINE ENVIRONMENT MONITORING GROUP (MEMG). Charting progress - an integrated assessment of the state of UK seas. 1. Marine environment quality. 164p. London: DEFRA, 2005. Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-1.pdf>
- (1138) MASLOWSKI, J. Effects of trophic conditions on benthic macrofauna in the vicinity of the River Swina mouth (Pomeranian Bay; southern Baltic Sea). Oceanologia, 45(1), 41-52, 2003. [Nutrients]  
Available at: [http://www.iopan.gda.pl/oceanologia/45\\_1.html](http://www.iopan.gda.pl/oceanologia/45_1.html)
- (1139) MEUNIER, J.-D. Qu'est ce qui controle les flux de silicium dissous vers les oceans? Oceanis, 28(3/4), 455-470, 2002.
- (1140) MITCHELL, S.B. Observations of nutrient release into semi-enclosed macrotidal lagoons. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.73-82. Southampton: WIT Press, 2004. [Eutrophication; sewage treatment plants; agriculture; Pagham harbour; Ferry Pool; Salthouse]
- (1141) MOORE, M.; LEFKOVITZ, L.; HALL, M.; HILLMAN, R.; MITCHELL, D.; BURNETT, J. Reduction in organic contaminant exposure and resultant hepatic hydropic vacuolation in winter flounder (*Pseudopleuronectes americanus*) following improved effluent quality and relocation of the Boston sewage outfall into Massachusetts Bay, USA: 1987-2003. Marine Pollution Bulletin, 50(2), 156-166, 2005. [Ag; Cd; Cr; Cu; Hg; Ni; Pb; Zn; DDTs; aldrin; dieldrin; endrin; HCB; mirex; lindane; PCBs; chlordanes; PAHs]
- (1142) MORET, I.; GAMBARO, A.; PIAZZA, R.; FERRARI, S.; MANODORI, L. Determination of polychlorobiphenyl congeners (PCBs) in the surface water of the Venice lagoon. Marine Pollution Bulletin, 50(2), 167-174, 2005.
- (1143) MUELLER, K.; CAO, L.; CALDEIRA, K.; JAIN, A. Differing methods of accounting ocean carbon sequestration efficiency. Journal of Geophysical Research C, 109(C12), C12018, 2005. [CO2 fossil-fuel emissions; ocean storage]
- (1144) NIKULINA, V.N. Seasonal dynamics of phytoplankton in the inner Neva Estuary in the 1980s and 1990s. Oceanologia, 45(1), 25-39, 2003. [Nutrient load]  
Available at: [http://www.iopan.gda.pl/oceanologia/45\\_1.html](http://www.iopan.gda.pl/oceanologia/45_1.html)
- (1145) O'NEILL, S.M.; WEST, J. PCB accumulation in marine and anadromous fishes of the Puget Sound and Strait of Georgia. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (1146) OH, J.R.; CHOI, H.K.; HONG, S.H.; YIM, U.H.; SHIM, W.J.; KANNAN, N. A preliminary report of persistent organochlorine pollutants in the Yellow Sea. Marine Pollution Bulletin, 50(2), 217-222, 2005. [Chlordanes; chlorobenzene; DDTs; endrin; HCHs; PCBs; pentachloroanisole; mirex; endosulfan II; HCB]
- (1147) PARK, J.-W.; RINCHARD, J.; ANDERSON, T.A.; LIU, F.; THEODORAKIS, C.W. Food chain transfer of perchlorate in largemouth bass, *Micropterus salmoides*. Bulletin of Environmental Contamination and Toxicology, 74(1), 56-63, 2005.



- (1148) POWELL, D.B.; PALM, R.C, JR.; SKILLMAN, A.; GODTFREDSSEN, K. Dietary exposure to PCBs or PAHs: do they affect the innate and acquired disease resistance of Chinook salmon to *Listonella anguillarum*. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (1149) PUETPAIBOON, U.; YIRONG, C. Nitrogen removal in constructed wetland treating wastewater from the seafood industry. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.191-196. Southampton: WIT Press, 2004. [Ammonia; nitrate; nitrite; nutrients; organic matter; BOD solids]
- (1150) RAGUENEAU, O.; CHAUVAUD, L.; MORICEAU, B. Increasing biodeposition by invasive suspension feeders: a third means of altering the coastal Si cycle. *Oceanis*, 28(3/4), 509-529, 2002.
- (1151) RASMUSSEN, E.K.; PEIRUP, M.; HASHOLT, B.; FIGUERAS, P.A.; SIERRA, J.P.; ROSSHAUG, P.S. Modelling of nutrient transport in the Ebro Estuary (Spain). In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.237-246. Southampton: WIT Press, 2002. [Eutrophication]
- (1152) ROSS, P.S. Life at the top of the food chain: seabirds, seals and whales as sentinels of environmental contamination in Puget Sound and Georgia Basin. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (1153) RUEF, W.; DEVOL, A.; EMERSON, S.; DUNNE, J.; NEWTON, J.; REYNOLDS, R.; LYNTON, J. In situ and remote monitoring of water quality in South Puget Sound: the ORCA time-series. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [Eutrophication]
- (1154) SALAZAR, M.H.; SALAZAR, S.M. The exposure-dose-response triad in the Georgia Basin: synoptic measures of external chemical exposure, internal chemical dose, and associated biological responses. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (1155) SCHLENK, D.; SAPOZHNIKOVA, Y.; CLIFF, G. Incidence of organochlorine pesticides in muscle and liver tissues of South African great white sharks *Carcharodon carcharias*. *Marine Pollution Bulletin*, 50(2), 208-211, 2005. [DDTs; HCB; heptachlor; heptachlor epoxide; lindane]
- (1156) SELLARS, M.J.; COMAN, G.J.; MOREHEAD, D.T. Tolerance of *Penaeus* (Marsupenaeus) japonicus embryos to ozone disinfection. *Aquaculture*, 245, 111-119, 2005.
- (1157) SHAO, P.; CHEN, Y.; ZHOU, H.; QU, L.; MA, Y.; LI, H.; JIAO, N. Phylogenetic diversity of Archaea in prawn farm sediment. *Marine Biology*, 146(1), 133-142, 2004.
- (1158) SHE, J.; HOLDEN, A.; TANNER, M.; ADELSBACH, T.; SCHWARZBACH, S.; THOMPSON, C.W.; MAHAFFY, M.; PETREAS, M.; SIMMONS, B.P.; HOOPER, K. High PBDE levels in shorebird eggs from the San Francisco Bay and Washington State. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [As; Hg; Pb; PCBs]
- (1159) SIMONICH, S.L. Workshop on PCBs in Puget Sound and Georgia Basin ecosystems: Recommendations from the Abiotic Fate Workgroup. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.

- (1160) SIRACUSA, G.; LA ROSA, A.D. A surface flow constructed wetland as a measure to maintain the natural habitat of a reserve and a way to reuse wastewaters. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.175-182. Southampton: WIT Press, 2004. [Nutrients; wastewater treatment effluent]
- (1161) SUNDBERG, H.; TJARNLUND, U.; AKERMAN, G.; BLOMBERG, M.; ISHAQ, R.; GRUNDER, K.; HAMMAR, T.; BROMAN, D.; BALK, L. The distribution and relative toxic potential of organic chemicals in a PCB contaminated bay. *Marine Pollution Bulletin*, 50(2), 195-207, 2005. [EROD; paper mill; aliphatic and monocyclic aromatic compounds; dicyclic aromatic compounds; polycyclic aromatic compounds]
- (1162) VASSENDEN, G.; BOTNEN, H.; JOHANNESSEN, P. Marine environmental investigation at Haakonsvern Naval Base (Western Norway) 2001-2003. Institutt for Fiskeri-og Marinbiologi Rapport. Bergen, 3, 187p., 2004. [Metals; PCB; dredging]
- (1163) WANG, X.-L.; SUN, X.; HAN, X.-R.; ZHU, C.-J.; ZHANG, C.-S.; XIN, Y.; SHI, X.-Y. Comparison in macronutrient distributions and composition for high frequency HAB occurrence areas in East China Sea between summer and spring 2002. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(4), 323-331, 2004. [Eutrophication; nutrients; HAB]
- (1164) WARRICK, J.A.; WASHBURN, L.; BREZINSKI, M.A.; SIEGEL, D.A. Nutrient contributions to the Santa Barbara Channel, California, from the ephemeral Santa Clara River. *Estuarine, Coastal and Shelf Science*, 62(4), 559-574, 2005.
- (1165) WEST, J.E.; O'NEILL, S.M. A model for transfer of PCBs among plants, invertebrates, and lower vertebrates of the Puget Sound/Georgia Basin Ecosystem. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (1166) WILSON, L.K.; ELLIOTT, J.E. Contaminants in surf scoters wintering in the Strait of Georgia, British Columbia, Canada. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [Cd; Cu; Hg; Se; Pb; Zn; PAHs; chlorinated hydrocarbons; EROD]
- (1167) WU, Y.-L.; FU, Y.-N.; ZHANG, Y.-S.; PU, X.-M.; ZHOU, C.-X. Phytoplankton distribution and its relation to the runoff in the Changjiang (Yangtze) Estuary. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(3), 246-251, 2004. [Nutrient load]

## Section 6: Biological Wastes

- (1168) AL-SAYED, H.A.; GHANEM, E.H.; SALEH, K.M. Bacterial community and some physico-chemical characteristics in a subtropical mangrove environment in Bahrain. *Marine Pollution Bulletin*, 50(2), 147-155, 2005. [Sewage; faecal coliforms]
- (1169) CHERN, E.C.; OLSON, B.H. Development of a biomarker to detect bird fecal waste in environmental waters. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). *Coastal environment V incorporating oil spill studies*. p.95-102. Southampton: WIT Press, 2004. [*Escherichia coli*]
- (1170) DEFRA. *Charting Progress. An integrated assessment of the state of UK seas*. 120p. + CDROM. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/index.htm>
- (1171) DETERMAN, T. Evaluating status and trends in fecal pollution in Puget Sound. In: Droscher, T.W.; Fraser, D.A., (editors). *Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003*. Washington: Puget Sound Action Team, 2004.
- (1172) ENGELBRECHT, J.F.P. Faecal coliform, *Escherichia coli* or what? In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). *Coastal environment V incorporating oil spill studies*. p.103-111. Southampton: WIT Press, 2004.
- (1173) JOHANSEN, P.-O.; HEGGOEY, E.; HELGE, B.; VASSENDEN, G.; JOHANNESSEN, P.J. Monitoring surveys of the marine recipients in the fjords of Bergen (Western Norway) in 2003. *Institutt for Fiskeri-og Marinbiologi Rapport*. Bergen, 6, 170p., 2004. [PAH; PCB; metals; organotin; nutrients; bacteria; sewage]
- (1174) KIM, J.H.; ENSARI, S.; GRANT, S.B. Fate and transport of fecal indicator bacteria in the surf zone at Huntington Beach, California. In: Brebbia, C.A., (editor). *Coastal environment. Environmental problems in coastal regions IV*. p.371-382. Southampton: WIT Press, 2002.
- (1175) MARINE ENVIRONMENT MONITORING GROUP (MEMG). *Charting progress - an integrated assessment of the state of UK seas. 1. Marine environment quality*. 164p. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-1.pdf>
- (1176) PUETPAIBOON, U.; YIRONG, C. Nitrogen removal in constructed wetland treating wastewater from the seafood industry. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). *Coastal environment V incorporating oil spill studies*. p.191-196. Southampton: WIT Press, 2004. [Ammonia; nitrate; nitrite; nutrients; organic matter; BOD solids]
- (1177) RAMIREZ-BALTRAN, N.D.; GILBES, F.; CASTRO, J.M. A stochastic-dynamic model to predict fecal coliforms at the mouth of the Anasco River. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). *Coastal environment V incorporating oil spill studies*. p.83-93. Southampton: WIT Press, 2004.
- (1178) SCHNEIDER, L.; NEWTON, J.A. Washington's Beach and Environmental Assessment, Communication and Health (BEACH) Program. In: Droscher, T.W.; Fraser, D.A., (editors). *Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003*. Washington: Puget Sound Action Team, 2004.
- (1179) SHAFFER, J.A. Water quality as a contemporary limiting factor to Olympia oyster (*Ostreloa conchaphila*) restoration in Washington State. In: Droscher, T.W.; Fraser, D.A., (editors). *Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003*. Washington: Puget Sound Action Team, 2004. [Fecal coliforms; Cd; Zn]

(1180) TAYLOR, H.D.; WALLIS, J.L.; EBDON, J.E. Pollution source tracking to meet the demands of a revised European Union bathing water Directive. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.135-143. Southampton: WIT Press, 2004. [Faecal indicator bacteria]

(1181) VAN ROODSELAAR, A.; BERTOLD, S.; BAILEY, H.; MCPHERSON, C.; PAINE, M. Sediment quality assessment of the Iona Deep-Sea Outfall Area 2000-2002. In: Droscher, T.W.; Fraser, D.A., (editors). Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar – 3 Apr 2003. Washington: Puget Sound Action Team, 2004. [Coprostanol; fecal coliforms; effluent solids]

(1182) ZAPPALA, G.; CARUSO, G.; CRISAFI, E. The "SAM" integrated system for coastal monitoring. In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.341-350. Southampton: WIT Press, 2002.

(1183) ZAPPALA, G.; CARUSO, G.; CRISAFI, E. Coastal pollution monitoring by an automatic multisampler coupled with a fluorescent antibody assay. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). Coastal environment V incorporating oil spill studies. p.125-133. Southampton: WIT Press, 2004. [Escherichia coli]

## Section 7: Heat

- (1184) ARAGON-NORIEGA, E.A.; ALCANTARA-RAZO, E. Influence of sea surface temperature on reproductive period and size at maturity of brown shrimp (*Farfantepenaeus californiensis*) in the Gulf of California. *Marine Biology*, 146(2), 373-379, 2005.
- (1185) EDMUNDS, P.J. Effect of elevated temperature on aerobic respiration of coral recruits. *Marine Biology*, 146(4), 655-663, 2005.
- (1186) FINE, M.; ALUMA, Y.; MEROZ-FINE, E.; ABELSON, A.; LOYA, Y. *Acabaria erythraea* (Octocorallia: Gorgonacea) a successful invader to the Mediterranean Sea? *Coral Reefs*, 24(1), 161-164, 2005. [Power plant cooling discharge]
- (1187) FUO, Z.; JIAO, C.; XIANG, J. Heat-shock protein 70 expression in shrimp *Fenneropenaeus chinensis* during thermal and immune-challenged stress. *Chinese Journal of Oceanology and Limnology*, 22(4), 386-391, 2004. [HSP70]
- (1188) HOFMAN, G.E.; LUND, S.G.; PLACE, S.P.; WHITMER, A.C. Some like it hot, some like it cold: the heat shock response is found in New Zealand but not Antarctic notothenioid fishes. *Journal of Experimental Marine Biology and Ecology*, 316(1), 79-89, 2005.
- (1189) KATSANEVAKIS, S.; PROTOPAPAS, N.; MILIOU, H.; VERRIOPOULOS, G. Effect of temperature on specific dynamic action in the common octopus, *Octopus vulgaris* (Cephalopoda). *Marine Biology*, 146(4), 733-738, 2005.
- (1190) KATSANEVAKIS, S.; STEPHANOPOULOU, S.; MILIOU, H.; MORAITOU-APOSTOLOPOULOU, M.; VERRIOPOULOS, G. Oxygen consumption and ammonia excretion of *Octopus vulgaris* (Cephalopoda) in relation to body mass and temperature. *Marine Biology*, 146(4), 725-732, 2005.
- (1191) LOWE, C.J.; SEEBACHER, F.; DAVISON, W. Thermal sensitivity of heart rate and insensitivity of blood pressure in the Antarctic nototheniid fish *Pagothenia borchgrevinkii*. *Journal of Comparative Physiology B*, 175(2), 97-105, 2005.
- (1192) PURKIS, S.J.; RIEGL, B. Spatial and temporal dynamics of Arabian Gulf coral assemblages quantified from remote-sensing and in situ monitoring data. *Marine Ecology Progress Series*, 287, 99-113, 2005.
- (1193) RADAN, D.; LOVRIC, J. Utilisation of diesel engine waste heat for ships ballast water heat treatment. In: Brebbia, C.A., (editor). *Coastal environment. Environmental problems in coastal regions IV*. p.59-62. Southampton: WIT Press, 2002.
- (1194) RALPH, P.J.; LARKUM, A.W.D.; KUHL, M. Temporal patterns in effective quantum yield of individual zooxanthellae expelled during bleaching. *Journal of Experimental Marine Biology and Ecology*, 316(1), 17-28, 2005.
- (1195) SHEN, W.-Y.; HU, H.-G.; PAN, Y.-J. Effects of temperature and pH on activity of digestive enzymes in shrimp *Penaeus vannamei*. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(6), 543-548, 2004.
- (1196) TRAPIDO-ROSENTHAL, H.; ZIELKE, S.; OWEN, R.; BUXTON, L.; BOEING, B.; BHAGOOLI, R.; ARCHER, J. Increased zooxanthellae nitric oxide synthase activity is associated with coral bleaching. *Biological Bulletin*, 208(1), 3-6, 2005.
- (1197) WEN, H.-X.; ZHANG, T.; YANG, H.-S.; LIU, B.-Z.; ZHOU, Y.; MAO, Y.-Z.; ZHANG, F.-S. Effect of temperature on respiration and excretion of hard clam *Mercenaria mercenaria* (Linnaeus, 1758). [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(6), 549-554, 2004.

(1198) WOEHLING, D.; LEFEBVRE, A.; LE FEVRE-LEHOERFF, G.; DELESMONT, R. Seasonal and longer term trends in sea temperature along the French North Sea coast, 1975 to 2002. *Journal of the Marine Biological Association of the United Kingdom*, 85(1), 39-48, 2005. [Thermal discharge; nuclear power plant; Gravelines]

## Section 8: Solids

- (1199) ARAKAWA, H. Lethal effects caused by suspended particles and sediment load on zoospores and gametophytes of the brown alga *Eisenia bicyclis*. *Fisheries Science*, 71(1), 133-140, 2005.
- (1200) BARNES, D.K.A.; MILNER, P. Drifting plastic and its consequences for sessile organism dispersal in the Atlantic Ocean. *Marine Biology*, 146(4), 815-825, 2005. [Elminius modestus (exotic species) on northern plastic debris; including Shetland; Scolt Head; Clare; Faeroe Islands; English Channel]
- (1201) BARROS, A.P.; GORDON, S.J. Assessing the linkages among climate variability, land-use change and the sedimentary regime of the Upper Chesapeake Bay. In: Brebbia, C.A., (editor). *Coastal environment. Environmental problems in coastal regions IV*. p.183-192. Southampton: WIT Press, 2002.
- (1202) DEFRA. *Charting Progress. An integrated assessment of the state of UK seas*. 120p. + CDROM. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/index.htm>
- (1203) FABRICIUS, K.E. Effects of terrestrial runoff on the ecology of corals and coral reefs: review and synthesis. *Marine Pollution Bulletin*, 50(2), 125-146, 2005. [Inorganic nutrients; particulate organic matter; turbidity; light reduction; sedimentation; eutrophication]
- (1204) HATAKEYAMA, S.; TAKAMI, A.; SAKAMAKI, F.; MUKAI, H.; SUGIMOTO, N.; SHIMIZU, A.; BANDOW, H. Aerial measurement of air pollutants and aerosols during 20-22 March 2001 over the East China Sea. *Journal of Geophysical Research D*, 109(D13), [np], 2004.
- (1205) KALUWIN, C. Challenges on managing healthy environmental resources in the coastal waters on the Pacific. In: South, G.R.; Cleave, G.; Skelton, P., (editors). *Oceans in the new millennium: challenges and opportunities for the islands*. p.225-231. Constanta, Romania: IOI, 2001.
- (1206) MARINE ENVIRONMENT MONITORING GROUP (MEMG). *Charting progress - an integrated assessment of the state of UK seas. 1. Marine environment quality*. 164p. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-1.pdf>.
- (1207) PUETPAIBOON, U.; YIRONG, C. Nitrogen removal in constructed wetland treating wastewater from the seafood industry. In: Brebbia, C.A.; Saval Perez, J.M.; Garcia Andion, L.; Villacampa, Y., (editors). *Coastal environment V incorporating oil spill studies*. p.191-196. Southampton: WIT Press, 2004. [Ammonia; nitrate; nitrite; nutrients; organic matter; BOD solids]
- (1208) ROBINSON, J.E.; NEWELL, R.C.; SEIDERER, L.J.; SIMPSON, N.M. Impacts of aggregate dredging on sediment composition and associated benthic fauna at an offshore dredge site in the southern North Sea. *Marine Environmental Research*, 60(1), 51-68, 2005. [Recolonisation]
- (1209) VAN ROODSELAAR, A.; BERTOLD, S.; BAILEY, H.; MCPHERSON, C.; PAINE, M. Sediment quality assessment of the Iona Deep-Sea Outfall Area 2000-2002. In: Droscher, T.W.; Fraser, D.A., (editors). *Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar – 3 Apr 2003*. Washington: Puget Sound Action Team, 2004. [Coprostanol; fecal coliforms; effluent solids]

## Section 9: Physical Disturbance

- (1210) BEUKEMA, J.J.; DEKKER, R. Decline of recruitment success in cockles and other bivalves in the Wadden Sea: possible role of climate change, predation on postlarvae and fisheries. *Marine Ecology Progress Series*, 287, 149-167, 2005.
- (1211) BLACK, A. Light induced seabird mortality on vessels operating in the Southern Ocean: incidents and mitigation measures. *Antarctic Science*, 17(1), 67-68, 2005. [Artificial light]
- (1212) BOYD, S.E.; LIMPENNY, D.S.; REES, H.L.; COOPER, K.M. The effects of marine sand and gravel extraction on the macrobenthos at a commercial dredging site (results 6 years post-dredging). *ICES Journal of Marine Science*, 62(2), 145-162, 2005. [Recolonization; off Felixtowe]
- (1213) DEFRA. Charting Progress. An integrated assessment of the state of UK seas. 120p. + CDROM. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/index.htm>
- (1214) DEMIR, H.; OTAY, E.N.; WORK, P.A.; BOEREKCI, O.S. Impacts of dredging on shoreline change. *Journal of Waterway, Port, Coastal and Ocean Engineering*, 130(4), 170-178, 2004.
- (1215) ERICKSON, A.; KLINGER, T.; FRADKIN, S.C. A pilot study of the effects of human trampling on rocky intertidal areas in Olympic National Park, USA. In: Droscher, T.W.; Fraser, D.A., (editors). *Proceedings. 2003 Georgia Basin/Puget Sound Research Conference*, Vancouver, British Columbia, Canada, 31 Mar – 3 Apr 2003. Washington: Puget Sound Action Team, 2004.
- (1216) FISHERY AGENCIES. Charting progress - an integrated assessment of the state of UK seas. 4. Marine fish and fisheries. 56p. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-4.pdf>.
- (1217) GOODWIN, L.; COTTON, P.A. Effects of boat traffic on the behaviour of bottlenose dolphins (*Tursiops truncatus*). *Aquatic Mammals*, 30(2), 279-283, 2004. [Teignmouth Bay]
- (1218) HUANG, H.-J.; FAN, H. Monitoring changes of nearshore zones in the Huanghe (Yellow River) delta since 1976. [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(4), 306-314, 2004.
- (1219) KREB, D.; RAHADI, K.D. Living under an aquatic freeway: effects of boats on irrawaddy dolphins (*Orcaella brevirostris*) in a coastal and riverine environment in Indonesia. *Aquatic Mammals*, 30(3), 363-375, 2004.
- (1220) KREMSER, U.; KLEMM, P.; KOTZ, W.-D. Estimating the risk of temporary acoustic threshold shift, caused by hydroacoustic devices, in whales in the Southern Ocean. *Antarctic Science*, 17(1), 3-10, 2005.
- (1221) MARINE ENVIRONMENT MONITORING GROUP (MEMG). Charting progress - an integrated assessment of the state of UK seas. 1. Marine environment quality. 164p. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-1.pdf>
- (1222) ROBINSON, J.E.; NEWELL, R.C.; SEIDERER, L.J.; SIMPSON, N.M. Impacts of aggregate dredging on sediment composition and associated benthic fauna at an offshore dredge site in the southern North Sea. *Marine Environmental Research*, 60(1), 51-68, 2005. [Recolonisation]
- (1223) TUYA, F.; SANCHEZ-JEREZ, P.; HAROUN, R.J. Influence of fishing and functional group of algae on sea urchin control of algal communities in the eastern Atlantic. *Marine Ecology Progress Series*, 287, 255-260, 2005.



## Section 10: Non-indigenous Species

- (1224) BROWN, R. The Solent and Southampton Water. *Bulletin of the Estuarine and Coastal Sciences Association*, 46, 6-8, 2004.
- (1225) BYERS, J.E. Marine reserves enhance abundance but not competitive impacts of a harvested nonindigenous species. *Ecology*, 86(2), 487-500, 2005. [*Nuttallia obscurata*; *Mya arenaria*; *Venerupis philippinarum*]
- (1226) CAVAS, L.; YURDAKOC, K.; YOKES, B. Antioxidant status of *Lobiger serradifalci* and *Oxynoe olivacea* (Opisthobranchia, Mollusca). *Journal of Experimental Marine Biology and Ecology*, 314(2), 227-235, 2005. [Possible effect on expansion of invasive *Caulerpa*]
- (1227) COLLYER, M.L.; NOVAK, J.M.; STOCKWELL, C.A. Morphological divergence of native and recently established populations of White Sands Pupfish (*Cyprinodon tularosa*). *Copeia*, 2005(1), 1-11, 2005.
- (1228) COPPING, A.E.; MARK, W.L. Training recreational divers to monitor aquatic nuisance species (ANS) in Puget Sound. In: Droscher, T.W.; Fraser, D.A., (editors). *Proceedings. 2003 Georgia Basin/Puget Sound Research Conference, Vancouver, British Columbia, Canada, 31 Mar - 3 Apr 2003*. Washington: Puget Sound Action Team, 2004. [*Carcinus maenas*; *Dreissena polymorpha*]
- (1229) DEFRA. *Charting Progress. An integrated assessment of the state of UK seas*. 120p. + CDROM. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/index.htm>
- (1230) FINE, M.; ALUMA, Y.; MEROZ-FINE, E.; ABELSON, A.; LOYA, Y. *Acabaria erythraea* (Octocorallia: Gorgonacea) a successful invader to the Mediterranean Sea? *Coral Reefs*, 24(1), 161-164, 2005. [Power plant cooling discharge]
- (1231) HILTON, M.; DUNCAN, M.; JUL, A. Processes of *Ammophila arenaria* (Marram Grass) invasion and indigenous species displacement, Stewart Island, New Zealand. *Journal of Coastal Research*, 21(1), 175-185, 2005.
- (1232) HOOPER, D.U., (ET AL). Effects of biodiversity on ecosystem functioning: a consensus of current knowledge. *Ecological Monographs*, 75(1), 3-35, 2005.
- (1233) JOINT NATURE CONSERVATION COMMITTEE (JNCC). *Charting progress - an integrated assessment of the state of UK seas. 3. Marine habitats and species*. 168p. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-3.pdf>
- (1234) LAJEUNESSE, T.C.; LEE, S.; BUSH, S.; BRUNO, J.F. Persistence of non-caribbean algal symbionts in Indo-Pacific mushroom corals released to Jamaica 35 years ago. *Coral Reefs*, 24(1), 157-159, 2005.
- (1235) LANCELOT, C.; STANEVA, J.; GYPENS, N. Modelling the response of coastal ecosystem to nutrient change. *Oceanis*, 28(3/4), 531-556, 2002. [Eutrophication; nutrient loads]
- (1236) MARINE ENVIRONMENT MONITORING GROUP (MEMG). *Charting progress - an integrated assessment of the state of UK seas. 1. Marine environment quality*. 164p. London: DEFRA, 2005.  
Available at: <http://www.defra.gov.uk/environment/water/marine/uk/stateofsea/chartprogress-1.pdf>
- (1237) MARTEL, C.; GUARINI, J.M.; BLANCHARD, G.; SAURIAU, P.G.; TRICHET, C.; ROBERT, S.; GARCIA-MEUNIER, P. Invasion by the marine gastropod *Ocenebrellus inornatus* in France. III. Comparison of biological traits with the resident species *Ocenebra erinacea*. *Marine Biology*, 146(1), 93-102, 2004.

- (1238) RADAN, D.; LOVRIC, J. Utilisation of diesel engine waste heat for ships ballast water heat treatment. In: Brebbia, C.A., (editor). Coastal environment. Environmental problems in coastal regions IV. p.59-62. Southampton: WIT Press, 2002.
- (1239) RAGUENEAU, O.; CHAUVAUD, L.; MORICEAU, B. Increasing biodeposition by invasive suspension feeders: a third means of altering the coastal Si cycle. *Oceanis*, 28(3/4), 509-529, 2002.
- (1240) RUENESS, J. Life history and molecular sequences of *Gracilaria vermiculophylla* (Gracilariales, Rhodophyta), a new introduction to European waters. *Phycologia*, 44(1), 120-128, 2005.
- (1241) SCHAFFELKE, B.; CAMPBELL, M.L.; HEWITT, C.L. Reproductive phenology of the introduced kelp *Undaria pinnatifida* (Phaeophyceae, Laminariales) in Tasmania, Australia. *Phycologia*, 44(1), 84-94, 2005.
- (1242) SYLVESTER, F.; DORADO, J.; BOLTOVSKOY, D.; JUAREZ, A.; CATALDO, D. Filtration rates of the invasive pest bivalve *Limnoperna fortunei* as a function of size and temperature. *Hydrobiologia*, 534, 71-80, 2005.
- (1243) THIELTGES, D.W. Impact of an invader: epizootic American slipper limpet *Crepidula fornicata* reduces survival and growth in European mussels. *Marine Ecology Progress Series*, 286, 13-19, 2005.
- (1244) WEN, H.-X.; ZHANG, T.; YANG, H.-S.; LIU, B.-Z.; ZHOU, Y.; MAO, Y.-Z.; ZHANG, F.-S. Effect of temperature on respiration and excretion of hard clam *Mercenaria mercenaria* (Linnaeus, 1758). [In Chinese with English summary]. *Oceanologia et Limnologia Sinica*, 35(6), 549-554, 2004.