

204. TITLE **Proceedings of the 32nd MAFF conference of river and coastal engineers...July 1997.**

YEAR 1997

ORGANISATION Ministry of Agriculture, Fisheries and Food (MAFF). Flood and Coastal Defence Division, & Keele University

ABSTRACT Sessions include: Approaches to coast protection; Design conditions for coastal works; Beach management and recharge; Strategic approaches; Evaluating environmental impact; Estuary planning and management; Policy forum workshop; Risk based approaches; Planning/catchment management 1; Planning/catchment management; River management. Papers include: Geotechnical and other aspects of the Overstrand coast protection scheme (P. Frew and S. Guest); Reconstruction of Mudford Quay - (an environmentally friendly scheme) (M.F. Tyhurst); Project appraisal applied to coast protection works: Hunstanton promenade (K. Foster); Investigation and management of soft rock cliffs (E.M. Lee); Effective environmental monitoring of beach recharge schemes (A. Hough and S. Peck); Development of a flood alleviation strategy for Broadland (R. Young, B. Ayling and P. Barham); Meeting the biodiversity challenge - a role for strategic flood and coastal defence planning (D. Huggett); Non-use value of coastal resources (S. Goodman, W. Seabrooke and S. Jaffry); Economic value of recreation as an argument against managed retreat: the case of Cley Marshes Nature Reserve, North Norfolk (R.J.T. Klein, I.J. Bateman and P. Doktor); Studies to examine the contemporary morphological evolution of the Humber Estuary (R. Dun and I. Townend); Sustainable flood defence and habitat conservation in estuaries - a strategic framework, pF.2.1-F.2.12 (B. Empson, T. Collins, R. Leafe and J. Lowe); Humber Estuary flood defences - a strategic approach (P. Barham). (Coast protection, Coastal engineering, Coastal Geomorphology)

DOCUMENT EN Staff Paper

LOCATION P

PERMLOAN Permanent Loan: Maritime Team

NOTES 1v. (var. pag.). London.

## Scotland

205. TITLE **Marine consultation areas: Scotland.**

YEAR 1990

ORGANISATION Nature Conservancy Council (NCC). Scotland. Headquarters

ABSTRACT In December 1986 the Nature Conservancy Council published a list of fourteen coastal marine areas that had been identified as deserving particular distinction in respect to the quality and sensitivity of their marine environment and where the scientific information available fully substantiated their nature conservation importance. It was indicated that the list would be augmented and amended in the light of future survey work including the current Marine Nature Conservation Review. The original list has now been reviewed, and a further fifteen areas have been added. The areas have no statutory locus but will be made known

to bodies with which the NCC has consultations on marine conservation issues. The citations have been revised to indicate clearly the various elements comprising the nature conservation interest. The format adopted distinguishes the sub-tidal and inter-tidal marine nature conservation interest of the area, and any additional nature conservation features of importance such as those resulting from the presence of marine or maritime birds or mammals.

- DOCUMENT NCC Internal Report  
 LOCATION P  
 NOTES 1v. (var. pag.) Edinburgh.
206. TITLE **Estuaries management plans, coastal processes and conservation: Dee Estuary [and] Recommendations.**  
 YEAR 1993  
 AUTHOR FAHY, F.M., HANSOM, J.D., & COMBER, D.P.M.  
 ORGANISATION English Nature (EN), & Glasgow University. Coastal Research Group  
 ABSTRACT Coast protection, Coastal management  
 DOCUMENT EN Internal Report  
 LOCATION P  
 NOTES 2v. Bibliog. Glasgow. EN Contract No. F70-01-90
207. TITLE **Recommendations for the sustainable management of the bottlenose dolphin population in the Moray Firth.**  
 YEAR 1995  
 AUTHOR CURRAN, S., WILSON, B., & THOMPSON, P.  
 ORGANISATION Scottish Natural Heritage (SNH) & Aberdeen University. Department of Zoology.  
 ABSTRACT The Moray Firth population of bottlenose dolphins (*Tursiops truncatus*) is one of only two known resident populations in UK waters. Along with the animals in Cardigan Bay, Wales, they form populations which are both nationally and internationally important. This report presents recommendations for the sustainable management of this population in order to meet the UK's commitment to the EC Habitats and Species Directive and the Agreement on Small Cetaceans in the Baltic and North Seas (ASCIBANS). It also provides a background review on the ecology of the Moray Firth bottlenose dolphin population and the threats which it may face.  
 LOCATION P  
 NOTES 71p. Bibliog. Cromarty. Contract No. SNH/070/95/HS
208. TITLE **The Dolphin Space Programme: the development and assessment of an accreditation scheme for dolphin watching boats in the Moray Firth.**  
 YEAR 1997  
 AUTHOR ARNOLD, H.  
 ORGANISATION Scottish Wildlife Trust, Scottish Natural Heritage (SNH). North West Region & European Union (EU) LIFE Programme  
 ABSTRACT Describes the development of a prototype Accreditation Scheme, and assesses the progress made during this project towards an effective management system for commercial boat-based dolphin watching. In

light of experience gained during the piloting of the Accreditation Scheme in 1995 and 1996, recommendations are made for the future management of dolphin watching and other boating activities which may contribute to threats to the long-term viability of the bottlenose dolphin population in the Moray Firth. (Cetacea, Marine mammals, Water recreation)

LOCATION P  
PERMLOAN Permanent Loan: P's copy held by Maritime Team  
NOTES 129p. Bibliog. No place of publication given.

209. TITLE **Marine nature conservation in Scotland: a review and strategy.**  
YEAR 1994  
ORGANISATION Marine Conservation Society (MCS). Scottish Panel  
ABSTRACT Sets out the aims and objectives of the Marine Conservation Society for marine nature conservation in Scotland. Identifies the main issues of concern and lists objectives for changes in the management of marine resources. Summarises specific action points under the headings of management and planning for marine activities, nature conservation issues, pollution and education.
- LOCATION P  
NOTES 36p. Bibliog. No place of publication given.

210. TITLE **Physical recovery of an intertidal area disturbed by baitworm harvesting.**  
YEAR 1981  
AUTHOR ANDERSON, F.E., & McLUSKY, D.S.  
ORGANISATION Natural Environment Research Council (NERC) & Stirling University. Department of Biology  
ABSTRACT Evaluates how quickly the dug surface stabilizes and identifies the impact bait digging has on the surface and suspended sediment characteristics in the short and long term, based on experimental work at a site on the Firth of Forth.
- LOCATION P  
NOTES 1v. (var. pag.). Bibliog. Stirling.

211. TITLE **Bathymetries, water quality and diatoms of lochs on the island of South Uist, the Outer Hebrides, Scotland.**  
YEAR 1986  
AUTHOR FLOWER, R.J., & NICHOLSON, A.  
ORGANISATION University College London. Palaeoecology Research Unit  
ABSTRACT Bathymetries of 17 previously unsurveyed lochs and computer methods for mapping and calculating morphometric parameters are described. Deposited sea salt is shown to have a major effect on water quality in these lochs. The ecological significance of water quality variation is assessed by diatom analysis of surface sediment from each site. Multi-variate methods of diatom community analysis indicate that the sites can be classified into five groups and that water conductivity and pH are the main determinants of diatom assemblage species composition. (Freshwater ecology, Limnology)
- LOCATION P

NOTES 1v. (var. pag.). & appendices. London. Working Paper No. 15

212. TITLE **CoastNET: a new deal for the Scottish coast: workshop report: a national workshop for coastal managers in Scotland...University of Edinburgh...November 1996.**
- YEAR 1997
- ORGANISATION Coastal Heritage Network (CoastNET)
- ABSTRACT A set of short papers delivered at the launch of CoastNet in Scotland. CoastNET has been established to aid co-operation and the exchange of information, networking and best practice between UK coastal management projects and staff. It aims to: promote communication between all who care for the coast - on land and at sea; exchange information, advice and best practice; deliver training, advice and key contacts; contribute to policies for the coastal zone.
- LOCATION P
- PERMLOAN Permanent Loan: Maritime Team
- NOTES 42p. Manchester.

## Wales

213. TITLE **Marine monitoring database.**
- YEAR 1994
- ORGANISATION Countryside Council for Wales (CCW)
- ABSTRACT Database management systems
- LOCATION P
- NOTES 41p. Bangor. Date of publication guessed.
214. TITLE **Studies on the effects of hydraulic dredging on cockle and other macroinvertebrate populations 1989-1990.**
- YEAR 1991
- AUTHOR COOK, W.
- ORGANISATION Lancaster University & North Western and North Wales Sea Fisheries Committee
- ABSTRACT Investigates the impact of vessel borne hydraulic cockle dredges upon previously undredged ground. Describes a study carried out in 1990 and provides a resume of cockle investigations carried out at Traeth Lafan in 1989. (Fisheries, Gwynedd, LNR, Marine nature conservation, Shellfish, SSSI)
- LOCATION P
- NOTES 30p. Bibliog. Lancaster.

## Northern Ireland

215. TITLE **Delivering coastal zone management in Northern Ireland: a consultation paper.**
- YEAR 1995
- ORGANISATION Department of the Environment for Northern Ireland (DOENI). Environment Service

- ABSTRACT Sets out Government's policies on the conservation and management of the coast in Northern Ireland. (Coastal management, Marine conservation)
- LOCATION P
- NOTES 26p. Belfast.
216. TITLE **Sargassum muticum in Strangford Lough: a review of information, issues and implications.**
- YEAR 1995
- AUTHOR DAVISON, D.M., & A.J.
- ORGANISATION Department of the Environment for Northern Ireland (DOENI). Environment Service. Countryside and Wildlife Branch & Davison & Davison Associates
- ABSTRACT Notes the first occurrence of this species in Ireland - a species known to be particularly invasive following accidental introduction. Outlines: the background to introductions of Sargassum in the British Isles; the current distribution of Sargassum in Strangford Lough; the predicted distribution/future spread of Sargassum following known hydrological models and preferred habitat; recommendations for eradication and future management of Sargassum muticum in Strangford Lough. (Marine algae, Northern Ireland, Seaweeds)
- LOCATION P
- NOTES 117p. Bibliog. Belfast. Contract No. NNR95024/CWB. Includes map of sites surveyed in back pocket.

## Irish Sea

217. TITLE **An integrated science programme for the Irish Sea: synthesis and recommendations; third Report of the Irish Sea Science Co-ordinator.**
- YEAR 1995
- AUTHOR BOELENS, R.G.V.
- ORGANISATION Ireland. Department of the Environment & Department of the Environment (DOE)
- ABSTRACT Builds on preceding reports and proposes a set of studies and ancillary measures that will: help to fill important gaps in scientific knowledge of the area; and form the basis of a more structured, integrated and collaborative science programme that, subject to necessary resources and co-ordination, will yield both immediate and long-term benefits. (Marine conservation, Marine ecology, Marine pollution)
- LOCATION P
- NOTES iii, 36p. Bibliog. Dublin.
218. TITLE **An environmental review of the north eastern Irish Sea including the Solway Firth.**
- YEAR 1992
- ORGANISATION Field Studies Council. Oil Pollution Research Unit & Esso
- ABSTRACT This review is intended to assist in preparation for exploration activities should Esso be successful in its application for a petroleum exploration

licence. The study area extends from the Rhins of Galloway in Scotland to Barrow-in-Furness and includes the entire coastline of the Isle of Man. Also included is the Solway Firth, an area which is designated a wetland of international importance under the Ramsar convention, is a Site of Special Scientific Interest (SSSI) and Special Protection Area (SPA). Much of the coast and foreshore is of conservation interest and of great importance to wildlife. Tourism is an established industry in parts of the study area and is an important source of income for the local population. Predictions of oil spill movement suggest that the majority of the coastline would be at risk from an oil spill within the study area. Effective measures must be taken to prevent oil entering this environment and careful consideration must be given to the need for rapid intervention. An action plan drawn up by Esso in conjunction with the authorities and other interested parties is imperative in order to minimise response times. The high environmental quality of the area, allied to public concern over conservation, demands that potential operators employ good environmental practice. A more detailed Environmental Impact Assessment (EIA) should be carried out assuming a successful licence application. (Cumbria, Dumfries and Galloway, Marine conservation, Nature conservation, Oil pollution, Protection of the environment)

LOCATION  
NOTES

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v. 28p. Bibliog. No place of publication given.

219. TITLE

**Irish Sea exploration.**

YEAR

1996

ORGANISATION

Esso Exploration and Production UK Ltd.

ABSTRACT

Brochure offering an insight into the drilling operations carried out in the north Irish Sea, outside the Solway estuary. Describes the company's environmental management strategy and its management of the drilling operation. (Oil development, Protection of the environment)

LOCATION  
NOTES

P  
1v. (var. pag.). London.

220. TITLE

**The Irish Sea: seminar on control of fishing effort...Trinity College, Dublin...September, 1994.**

YEAR

1994

AUTHOR

DAVIES, H., ed.

ORGANISATION

Irish Sea Forum

ABSTRACT

Includes the following papers: Irish methods and experiences in controlling fishing effort; UK experiences in limiting fishing effort; some policy considerations for Irish Sea stocks; effort control: a UK/Irish Sea perspective; practicalities of fisheries enforcement and managing effort from a Sea Fisheries Committee perspective; the human dimension of structural adjustment.

LOCATION  
NOTES

P  
ii, 70p. Bibliog. Liverpool. Seminar report 8.

221. TITLE **The Irish Sea: seminar on coastal zone planning...County Hall, Preston...January, 1995.**
- YEAR 1995
- AUTHOR DAVIES, H., ed.
- ORGANISATION Irish Sea Forum
- ABSTRACT Includes the following papers: Sea-level changes; flood - an insurer's perspective; a new type of map for coastal planning; coastal zone planning in Wales; coastal zone planning in Ireland; coastal zone planning in Lancashire. (Coast protection, Coastal management)
- LOCATION P
- NOTES ii, 67p. Bibliog. Liverpool. Seminar report 9.
222. TITLE **The Irish Sea: seminar on eutrophication...Maritime Museum, Liverpool...March, 1995.**
- YEAR 1995
- AUTHOR DAVIES, H., ed.
- ORGANISATION Irish Sea Forum
- ABSTRACT Includes papers on the following: what is eutrophication? eutrophication - monitoring and results on the UK coast; eutrophication - monitoring and results off the Irish coast; regulations and control of nutrient inputs to marine waters; remedies, options, current and future action; activities of the Irish Sea science co-ordinator: progress report. (Marine algae, Marine ecology, Water pollution)
- LOCATION P
- NOTES ii, 58p. Bibliog. Liverpool. Seminar report 10. Includes cumulative indexes to seminar reports 1 to 10.
223. TITLE **The Irish Sea: seminar on trace chemical pollution...Ulster Museum, Belfast...December, 1995.**
- YEAR 1995
- AUTHOR DAVIES, H., ed.
- ORGANISATION Irish Sea Forum
- ABSTRACT Includes the following papers: radioactivity in the Irish Sea: current and future inventory; hazards associated with radioactivity in the Irish marine environment; reductions in inputs of dangerous substances to estuaries and coastal waters in the north west; heavy metals in the seas: biological pathways and effects; the health effects of organochlorine compounds; PCBs: government policy on elimination and the UK action plan in its European context; Republic of Ireland policy on PCBs. (Marine pollution, Pesticides, Radioactive waste, Toxic chemicals, Toxic metals)
- LOCATION P
- NOTES ii, 64p. Bibliog. Liverpool. Seminar report 12
224. TITLE **The Irish Sea: managing marine fisheries: a case study of the Irish Sea...University of Liverpool...September, 1993.**
- YEAR 1993
- ORGANISATION Irish Sea Forum & Marine Forum for Environmental Issues
- ABSTRACT Includes the following papers: an overview of requirements for managing Irish Sea fisheries; the Irish Sea fishery resource;

- Clausewitz's first principle and fisheries management: first decide the objectives; an economist's approach to managing the Irish Sea fishery; effective management regulation with special reference to the Irish Sea; role of fisheries science in management of Irish Sea fisheries; the implementation of fisheries policies.
- LOCATION P  
NOTES ii, 89p. Bibliog. Liverpool. Seminar report
225. TITLE **The Irish Sea: seminar on rising sea level and coastal defence...Ulster Museum, Belfast...April, 1993.**
- YEAR 1993
- ORGANISATION Irish Sea Forum
- ABSTRACT Includes papers on: the Irish Sea coast of Ireland: a brief review of coastal processes, erosion and management; rising sea level: some implications for beaches and coastal structures; options for design of coastal defences; managed retreat: the National Rivers Authority perspective; an ecological view of coastal defences; the Towyn experience and the lessons learned; the use of parallel processing to improve the performance of three-dimensional models for the dispersion of pollutants in aqueous systems. (Coast protection, Coastal engineering, Coastal management, Sea defences)
- LOCATION P  
NOTES ii, 79p. Bibliog. Liverpool. Seminar report 4.
226. TITLE **The Irish Sea: seminar on marine and coastal databases...University of Liverpool...January, 1993.**
- YEAR 1993
- ORGANISATION Irish Sea Forum
- ABSTRACT Includes papers on: databases and GIS in the Irish Sea Forum context; marine and coastal databases for nature conservation: current uses and future developments in the coastal zone, 15-26 (N.C. Davidson and D.J.L. Mills); Irish marine databases; the European Directory of Marine Environmental Data (EDMED); MAFF fisheries databases; oceanographic data from remote sensing; the future of databases; development of the BioMar database, and its contribution to nature conservation management in the Irish Sea; British Geological Survey maps and databases; (Coastal management, Marine conservation)
- DOCUMENT JNCC Staff Paper  
LOCATION P  
NOTES ii, 89p. Bibliog. Liverpool. Seminar report 3.
227. TITLE **The Irish Sea: Seminar on global warming and climate change...University of Liverpool...April, 1992.**
- YEAR 1992
- ORGANISATION Irish Sea Forum
- ABSTRACT Includes the following papers: modelling global warming and climatic change; sea-level changes; tidal range and storm surges; waves; quaternary changes of sea level and climate; coastal planning: draft guidance for England and Wales. (Climatic changes, Greenhouse effect)
- LOCATION P



- NOTES i, 75p. Bibliog. Liverpool. Seminar report 1.
228. TITLE **The Irish Sea: seminar on oil and gas exploitation...Man & Museum, Douglas...January, 1994.**
- YEAR 1994
- ORGANISATION Irish Sea Forum
- ABSTRACT Includes the following papers: licensing procedures; the place of the Irish Sea oil and gas industry in the economy of the region; the development of offshore hydrocarbon reserves: a brief synopsis; drilling and pipelines: the effect on the benthic environment; environmental concerns: marine mammals, birds and fish; fishing industry concerns; practical experience of limiting the environmental impacts; monitoring developments in island waters. (Oil development, Oil pollution, Protection of the environment)
- LOCATION P
- NOTES ii, 75p. Bibliog. Liverpool. Seminar report 6
229. TITLE **The Irish Sea: seminar on managing tourism pressure... Llandudno...March 1996.**
- YEAR 1996
- AUTHOR DAVIES, H., ed.
- ORGANISATION Irish Sea Forum
- ABSTRACT Includes the following papers: Coastal tourism: development and management (H.L. Hughes); Managing pressures on cultural heritage (J. Burgon); Managing recreational pressures on coastal environments and wildlife, 20-26 (G.C.S. Roberts); Managing pressures on effluent treatment (N. Lowe); Managing pressures from water sports (J. Eardley). (Coastal management, Outdoor recreation)
- SERIES CCW Staff Paper
- LOCATION P
- NOTES ii, 52p. Bibliogs. Liverpool. Seminar report.

## Denmark

230. TITLE **Seminar on nature restoration in the European Union, Denmark...May, 1995: excursion to northwest Jutland, Denmark...May, 1995.**
- YEAR 1995
- ORGANISATION Denmark. Ministry of Environment and Energy. National Forest and Nature Agency
- ABSTRACT A collection of papers and leaflets on Danish habitat restoration projects.
- LOCATION P
- PERMLOAN Permanent Loan: Maritime
- NOTES Papers and leaflets in A4 plastic folder. Papers in English and French; Leaflets in Danish.

## Netherlands

231. TITLE **[Information pack on the Scheldt Estuary and Delta Project].**  
YEAR 1990  
ORGANISATION Netherlands. Ministry of Transport, Public Works and Water Management. Directorate - General of Public Works and Water Management (Rijkswaterstaat). National Institute for Coastal and Marine Management (RIKZ)  
ABSTRACT The pack includes: Prospects for the Scheldt Estuary, by R.C. Boeije (1992); The Delta Project: preserving the environment and securing Zeeland against flooding, by Netherlands. Ministry of Transport and Public Works. Information Division (1990); The Scheldt Estuary, more than a navigation channel (summary), by T. Pieters and others (1991); Management of the Scheldt Basin as a functional entity: part 3: in search for sustainable solutions against threats of the physical structure, by T. Pieters, H. Smit and L. Bijlsma (1992); Beleidsplan Westerschelde [Westerschelde management plan], by Bestuurlijk Klankbordforum Westerschelde (1991); Het Verdrongen Land verlandt [The Drowned Land made land], by K. Storm and T. Pieters (1994); Veldbezoek schor en slik bij Waarde [Field trip to the silt deposits and mudflats near Waarde], by D.J. de Jong (1994); Saeftinge: salt marsh in danger? by N.L. Houtekamer (1994?) (Coastal management, Marine nature conservation, Netherlands)  
LOCATION P  
PERMLOAN Permanent Loan: Maritime Team  
NOTES 5 brochures, 3 papers and 1 leaflet in folder. Various places of publication. Some documents in English, some in Dutch.
232. TITLE **Growing with the sea: creating a resilient coastline.**  
YEAR 1986  
ORGANISATION World Wide Fund for Nature (Netherlands) ( WWF)  
ABSTRACT Exploratory study on the future of the Dutch coastline. (Coastal management, Netherlands) ISBN 907459509X  
LOCATION P  
PERMLOAN Permanent Loan: Maritime Team  
NOTES 35p. Zeist, Netherlands. Date of publication guessed.
233. TITLE **The dispersal of dredge material and nearshore sediment transport between Rotterdam and Scheveningen.**  
YEAR 1989  
AUTHOR McLAREN, P.  
ORGANISATION Netherlands. Directorate-General for Public Works and Water Management (Rijkswaterstaat). Tidal Waters Division & Geosea Consulting Ltd.  
ABSTRACT Provides a summary of the net transport regime within the region and establishes sediment transport patterning sediment samples. Assesses the "behaviour" of dredged material, establishes specific "transport environments" and provides advice on potential adverse effects of the

- disposal of dredged material and other associated problems. (Dredging, Netherlands, North Sea, Sediment transport).
- LOCATION P  
NOTES 1v. (var. pag.) Bibliog. Cambridge.
234. TITLE **Proceedings of the Third Trilateral Working Conference on dune management in the Wadden Sea area: held at Norderney, Germany...1991.**
- YEAR 1992
- AUTHOR HILGERLOH, G., ed.
- ORGANISATION Administration of the National Park "Niedersächsisches Wattenmeer", and others
- ABSTRACT Emphasises the need for the Netherlands, Germany and Denmark to develop a common strategy. Includes chapters on the following subjects: dune management and tourism, coast protection and nature conservation. (Sand dunes)
- ISBN 3875420128
- LOCATION P  
NOTES 120p. Bibliog. Wilhelmshaven.
235. TITLE **A new coastal defence policy for the Netherlands.**
- YEAR 1990
- ORGANISATION Netherlands. Ministry of Transport, Public Works and Water Management. Directorate-General for Public Works and Water Management (Rijkswaterstaat). Tidal Waters Division
- ABSTRACT Describes the problem of coastal recession due to erosion and advocates the reconsideration of national coastline defence policy. Considers four alternatives: retreat; selective preservation; preservation; expansion seaward and evaluates their benefits and costs. Also discusses the influence of climatic change and considers government policy choices. (Coast protection)
- LOCATION P  
NOTES 103p. The Hague.
236. TITLE **An introduction to the management of sand dunes in the Netherlands.**
- YEAR 1983
- AUTHOR HOUSTON, J.
- ABSTRACT Describes the dune systems and the bodies concerned with their management. Includes details of coastal defence, woodland management, water supply, nature conservation and recreation.
- LOCATION P  
NOTES 60p. + appendices. Bibliog. Formby.

## Poland

237. TITLE **Coastal management in Poland: proceedings of the workshop, management of coastal habitats, ...1993.**  
YEAR 1993  
AUTHOR HOUSTON, J.  
ORGANISATION Joint Nature Conservation Committee (JNCC)  
ABSTRACT Addresses the need to find a balance between nature conservation, coastal defence structures and recreation. Discussions include the following subjects: coastal erosion and sea defence; dune ecology and management; conservation of bird habitats; integrated coastal zone management.  
LOCATION P  
NOTES 36p. Bibliog. Formby.

## Europe

238. TITLE **The Pan-European coastal research register.**  
YEAR 1994  
AUTHOR SIVIGNON, P., NUMAN, F., & JOVEN, M.  
ORGANISATION Joint Nature Conservation Committee (JNCC) & European Union for Coastal Conservation (EUCC)  
ABSTRACT Includes addresses and information on institutes involved in coastal conservation and management research.  
LOCATION P  
NOTES iii, 195p. + appendices. Leiden (Netherlands).
239. TITLE **Estuaries: the Esturiales: an empirical approach.**  
YEAR 1992  
AUTHOR COUTINHO, L.  
ORGANISATION Association Communautaire de l'Estuaire de la Loire  
ABSTRACT A European network of local authorities, the Esturiales, has identified concerns regarding estuarine and port development. This report describes the conflicting interests of industry and the environment and considers four estuaries, the Scheldt/Escaut (Belgium and the Netherlands), the Loire (France), the Tagus (Portugal) and the Clyde (Scotland)  
LOCATION P  
NOTES 25p. No place of publication given. Date of publication guessed. Text in English and French.
240. TITLE **Jeep 92: Major biological processes in European tidal estuaries: inventory of the ecology and hydrography of European estuaries.**  
YEAR 1992  
AUTHOR HEIP, C.  
ORGANISATION Delta Institute for Hydrobiological Research & European Union (EU). MAST (Marine Science and Technology)  
ABSTRACT Invites voluntary contributions to a database which, when complete, will contain details of the major European tidal estuaries.

- LOCATION P  
NOTES 1v. (var. pag.). Yerseke (NL). Date of publication guessed.
241. TITLE **ELOISE (European Land-Ocean Interaction Studies) Science Plan.**  
YEAR 1994  
AUTHOR CADEE, N., and others  
ORGANISATION European Commission & Netherlands Institute of Ecology. Centre for Estuarine and Marine Ecology  
ABSTRACT The ELOISE project aims to: determine the role of coastal seas in land-ocean interactions; determine the consequences of human impact; formulate a strategic approach to the management of sustainable coastal zone resource use and development; promote the development of a European Scientific infrastructure for coastal zone research and data management (Coastal management)  
LOCATION P  
NOTES 52p. Bibliog. Luxembourg. EUR15608 Ecosystems Research Report Series, No. 11
242. TITLE **The dynamics and functions of coastal wetlands of the Mediterranean type.**  
YEAR 1989  
AUTHOR MALTBY, E., HUGHES, R., & NEWBOLD, C.  
ORGANISATION European Communities (EC)  
ABSTRACT Aims to review the science base for the current level of understanding of wetland functions and is based on North American and European literature. Chapters include detail on the following: groundwater recharge and discharge; storage and desynchronisation of flood peaks; sediment trapping; shoreline anchoring the dissipation of erosive energy; water quality; support of food chains; provisions of habitat for fisheries and wildlife. (Wetlands management)  
LOCATION P  
NOTES 112p. + appendices. No place of publication given. Date of publication guessed. DGXI Contract No. 6611/2H/10
243. TITLE **Natural sites: a European space.**  
YEAR 1987  
AUTHOR NOWICKI, N., & P.  
ORGANISATION Association Amenagement-Environnement  
ABSTRACT A number of management organisations operating at different levels contribute to the management of natural sites throughout the European Community and to the creation of a network of European sites. There are four major themes: management plans; habitat improvement through grazing; management of reedbeds and aquatic vegetation; facilities for the public and interpretation. This publication describes each of 33 sites, including details of habitats and site management. British sites included are: Titchwell Marsh ( Norfolk), Elmley Marsh (Kent), Strumpshaw Fen (Norfolk) and Beaulieu Estuary (Hampshire) (Nature conservation)  
LOCATION P

NOTES 71p. Lille. Text in English and French.

244. TITLE **The European Coastal Code: a contribution to Action Theme 5 of the Pan-European Biological and Landscape Diversity Strategy. Draft 2.**

YEAR 1997

AUTHOR RIGG, K.

ORGANISATION European Union for Coastal Conservation (EUCC)

ABSTRACT The concept of a European Coastal Code was proposed by the EUCC as a means to provide practical guidance to local authorities, coastal users and others with regard to ecologically sustainable development in the coastal zone. The development of the Code was formally adopted as part of the Pan-European Biological and Landscape Diversity Strategy (PEBLDS), which calls for action on 12 action themes, including Action Theme 5 which is devoted to coastal and marine ecosystems. This paper attempts to provide a basis for the further elaboration of the Code. It attempts to bring together current thinking as expressed in existing codes, guidelines and action plans which relate to coastal management in general and specific economic sectors in particular. It is intended that a balance will be found between prescriptive guidelines and the presentation of existing best practice examples. The Code is meant to provide practical assistance and guidance in the achievement of sustainable development in coastal regions. Chapters include: agriculture; coastal defence; military defence; energy; fisheries and aquaculture; forest management; industry; tourism and recreation; transport; urbanisation; water management. (Coast protection, Coastal management, Coastal ecology)

LOCATION P

NOTES 104p. Bibliog. Leiden.

245. TITLE **Cnidari antozoi delle isole Gallinaria & Bergeggi (Mar Ligure). [The Anthozoa (Cnidaria) of the islands of Gallinaria and Bergeggi (Ligurian Sea)].**

YEAR 1992

AUTHOR MORRI, C.

ORGANISATION Genoa University. Istituto di Zoologia.

ABSTRACT Marine fauna, Mediterranean

LOCATION P

NOTES 1v. (var. pag.). Genoa. Text in Italian.

## **International issues**

246. TITLE **Oil spills in the marine environment.**

YEAR 1993

AUTHOR ROWBERRY, N.

ORGANISATION Scottish Natural Heritage (SNH) & Aberdeen University Research and Industrial Services (AURIS)

- ABSTRACT Describes the consequences of an oil spill for marine life, tourism and industry. Also details methods of collection, recovery or dispersion and compares the environmental impacts of different clean-up strategies. (Marine pollution, Oil pollution)
- LOCATION P  
NOTES 32p. Bibliog. Aberdeen.
247. TITLE **Code of environmental practice - onshore and offshore.**  
YEAR 1988  
ORGANISATION Australian Petroleum Exploration Association Limited (APEA)  
ABSTRACT Provides the Australian petroleum industry with guidance on practices and measures to protect the environment during onshore and offshore, exploration, development and production. (Australia, Oil development, Protection of the environment)
- LOCATION P  
NOTES 83p. Bibliog. Sydney.
248. TITLE **Martime accidents and pollution: impacts on the marine environment from shipping operations; paper for public comment.**  
YEAR 1995  
ORGANISATION Australian and New Zealand Environment and Conservation Council (ANZECC)  
ABSTRACT Aims to stimulate consideration of the approach proposed by Australian and New Zealand environment agencies to minimise impacts from shipping operations on the marine environment. Contains chapters on shipping and the environment and current international and regional activities and gives a proposed action plan together with consultation issues. (Marine pollution)
- LOCATION P  
NOTES 50p. & appendices. Bibliog. Canberra.
249. TITLE **Seas of debris: a summary of the Third International Conference on Marine Debris.**  
YEAR 1994  
AUTHOR FARIS, J., & HART, K.  
ORGANISATION Alaska Fisheries Science Center  
ABSTRACT Addresses the issue of controlling land-based sources of marine pollution. Advocates a worldwide, strategic approach to combat serious degradation of the marine environment and states that present international agreements (MARPOL 73/78), the London Dumping Convention (1992) and the Montreal Guidelines on Marine Pollution from Land-based sources (1985) are insufficient. Contains chapters on: amounts, types and distribution; impacts of marine debris; vessel debris; recreational debris; urban debris and rural coastal and upland discharges.
- LOCATION P  
NOTES 54p. Glossary., Bibliog. Seattle (WA)

250. TITLE                   **The environmental legacy of the Gulf War.**  
 YEAR                        1992  
 ORGANISATION           Greenpeace  
 ABSTRACT                 Details the impact of the Gulf War of 1991 on the marine environment, the atmosphere, marine mammals, turtles, birds and corals and the land of the Gulf States. (Air pollution, Marine pollution, Oil pollution)  
 LOCATION                 P  
 NOTES                     41p. Bibliog. Amsterdam.
251. TITLE                   **Report of the Second Scientific Advisory Committee of the Marine Mammal Action plan on Marine Mammal/ Fishery Interactions, Liege, Belgium ...1992.**  
 YEAR                        1992  
 ORGANISATION           United Nations Environment Programme (UNEP)  
 ABSTRACT                 Examines the question of ecological interactions between marine mammals (cetaceans and/or seals) and fisheries and the basis of the scientific evaluation of culling proposals.  
 LOCATION                 P  
 NOTES                     28p. Bibliog. No place of publication given.
252. TITLE                   **Risk assessment of shipping in environmentally sensitive areas.**  
 YEAR                        1995  
 AUTHOR                    COLE-KING, A., & KING, O.H.  
 ORGANISATION           World Wide Fund for Nature (WWF)  
 ABSTRACT                 Assesses the role of risk assessment in identifying areas of environmental importance which are at risk from shipping casualties. Discusses the opportunities for assessment and the provision of existing navigation facilities in five case study areas, (Fair Isle Channel, Lerwick Harbour, Lyme Bay, The Minches, Pembrokeshire Coast), including current regulatory and administrative arrangements. (Marine conservation, Marine pollution, Oil pollution, Protection of the environment)  
 LOCATION                 P  
 NOTES                     72p. Bibliog. Cardiff.
253. TITLE                   **Environmental recovery in Prince William Sound and the Gulf of Alaska.**  
 YEAR                        1990  
 AUTHOR                    BAKER, J.M., CLARK, R.B., & KINGSTON, P.F.  
 ORGANISATION           Heriot-Watt University. Institute of Offshore Engineering  
 ABSTRACT                 Forms part of a programme of analysing the ecosystem recovery process following the Exxon Valdez oil spill of 1989. (Marine pollution, Oil pollution)  
 LOCATION                 P  
 NOTES                     12p. Edinburgh.
254. TITLE                   **Natural recovery of cold water marine environments after an oil spill.**  
 YEAR                        1990  
 AUTHOR                    BAKER, J.M., and others



- ABSTRACT Paper presented at the Thirteenth Annual Arctic and Marine Oilspill Program Technical Seminar. This review of the published literature examines natural cleaning and natural recovery of ecosystems and biological communities following oil spills in cold water regions of the world. The objectives of this paper are to provide: practical working definitions of the terms clean and recovery; a framework for understanding natural cleaning and recovery processes and their duration in cold water environments. The review draws only on published scientific information relating to oil spill incidents and relevant field trials and excludes the tropical environment. (Oil pollution)
- LOCATION P
- NOTES 111p. Glossary. Bibliog. No place of publication given.
255. TITLE **Sea turtle and shrimp fishing interactions: a summary and critique of relevant information.**
- YEAR 1989
- AUTHOR MURPHY, T.M., & HOPKINS-MURPHY, S.R.
- ORGANISATION Center for Marine Conservation
- ABSTRACT Examines the problem of the incidental capture and drowning of sea turtles in shrimp trawls, particularly from North Carolina to Florida. Considers the density and distribution of marine turtle nesting, carcass strandings, incidental capture, shrimping effort and aerial observations of turtles at sea. Also summarizes and critiques the primary source documents used by the federal agencies. (Chelonia)
- LOCATION P
- NOTES iii. 52p. Bibliog. Washington (D.C.)
256. TITLE **Heritage at sea: proposals for the better protection of archaeological sites underwater.**
- YEAR 1989
- ORGANISATION Joint Nautical Archaeology Policy Committee & National Maritime Museum
- ABSTRACT Makes recommendations for the better protection of archaeological sites underwater and covers the following subjects: legislation; national site inventory; commercial operations; Government responsibility; disposal of property; training and education; conservation of artefacts. Also recommends the establishment of a maritime heritage protection agency. (Marine archaeology)
- LOCATION P
- NOTES 39p. London.
257. TITLE **The effects of seismic exploration and underwater explosions on marine life: a bibliography.**
- YEAR 1993
- AUTHOR HALL, C.D.
- ORGANISATION Scottish Office Agriculture and Fisheries Department
- ABSTRACT Bibliographies, Marine ecology
- LOCATION P
- NOTES Rev. ed. 13p. Aberdeen. Scottish Fisheries Working Paper No. 5/93.