

UNIVERSITY OF HULL
PUBLICATIONS OF PROFESSOR MICHAEL ELLIOTT

Research metrics:

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Scopus: <https://www.scopus.com/authid/detail.uri?authorId=56433780300> H index: 57;

Google Scholar: http://scholar.google.co.uk/citations?user=IkQOy_UAAAAJ&hl=en H index 75, i10 index 202;

Web of Science H index 56; ORCID ID 0000-0002-2519-4871; ResearcherID: B-4312-2013.

https://apps.webofknowledge.com/Search.do?product=WOS&SID=F6Y9kTqSPjJNjYs56Kk&search_mod=e=GeneralSearch&prID=526c67cd-60ca-4985-a2d5-452f9d518bf3

Publications (in date order of publication)

All symposium proceedings papers have been peer-reviewed by independent and anonymous referees. Reports, book reviews and published abstracts are not given.

1976-1979

Elliott, M. (1979). Studies on the production ecology of several mollusc species in the estuarine Firth of Forth. Unpublished PhD thesis, University of Stirling, Scotland, Volumes 1 (**DOI**: 10.13140/RG.2.2.23700.76164) and 2, pp430 + appendices.

McLusky, DS, D Bryant, M Elliott, M Teare & G Moffat, 1976. Intertidal fauna of the industrialised Forth Estuary. *Mar. Poll. Bull.*, **7**, 48-52.

McLusky, DS, M Elliott & J Warnes, 1978. The impact of pollution on the intertidal fauna of the estuarine Firth of Forth. In: McLusky, DS & Berry AJ, eds., *Physiology and Behaviour of Marine Organisms*. Pergamon Press, Oxford, p.203-210.

1980-1989

McLusky, DS & M Elliott, 1981. The feeding and survival strategies of estuarine molluscs. In: Jones, NV & Wolff, WJ, eds., *Feeding and Survival Strategies of Estuarine Organisms*. Plenum Press, New York, p.109-122.

Elliott, M & DS McLusky, 1985. Invertebrate production ecology in relation to estuarine management. In: Wilson, JG & Halcrow, W, eds., *Estuarine Management and Quality Assessment*. Plenum Press, New York, p.85-103.

Elliott, M & AH Griffiths, 1986. Mercury contamination in components of an estuarine ecosystem. *Wat. Sci. Technol.*, **18**, 161-170.

Roberts, DF, M Elliott & PA Read, 1986. Cadmium contamination, accumulation and some effects of this metal in mussels from a polluted marine environment. *Mar. Env. Res.*, **18**, 165-183.

Elliott, M & PF Kingston, 1987. The sublittoral benthic fauna of the Estuary and Firth of Forth. *Proc. Roy. Soc. Edin.*, **93B**, 449-465.

Elliott, M, AH Griffiths & CJL Taylor, 1988. The role of fish studies in estuarine pollution assessment. *J. Fish. Biol.*, **33A**, 51-62.

Elliott, M & AH Griffiths, 1988. Contamination and effects of hydrocarbons on the Forth ecosystem. *Proc. Roy. Soc. Edin.*, **93B**, 327-342.

Elliott, M & J McManus, 1989. Introduction: Advances and future directions in marine and estuarine studies. In: McManus, J & M Elliott (Eds.), *Developments in Estuarine and Coastal Study Techniques*. Olsen & Olsen, Fredensborg, Denmark, p 1-6.

Elliott, M & CJL Taylor, 1989. The structure and functioning of an estuarine/marine fish community in the Forth Estuary, Scotland. *Proceedings of the 21st. European Marine Biology Symposium*, Gdansk, September, 1986. Polish Academy of Sciences - Institute of Oceanology, 227-240.

Elliott, M & CJL Taylor, 1989. The production ecology of the subtidal benthos of the Forth Estuary, Scotland. *Scient. Mar.* **53** (2-3): 531-541.

McManus, J & M Elliott, (Eds.) 1989. *Developments in Estuarine and Coastal Study Techniques*. Olsen & Olsen, Fredensborg, Denmark, pp 158.

1990-1994

Elliott, M, MG O'Reilly & CJL Taylor, 1990. The Forth Estuary: A nursery and overwintering area for North Sea fish species. *Hydrobiologia*, **195**: 89-103.

Rees, HL, DC Moore, TH Pearson, M Elliott, M Service, J Pomfret & D Johnson, 1990. *Procedures for the monitoring of marine benthic communities at UK sewage sludge disposal sites*. Scot. Fish. Info. Pamph., No. 18, Dept. Ag. Fish. Scot., Aberdeen, pp79.

Elliott, M & J-P Ducrotoy (Eds.), 1991. *Estuaries & Coasts: spatial and temporal intercomparisons*. International Symposium Series, Olsen & Olsen, Fredensborg, Denmark, ISBN 8785215171, 9788785215178 pp390.

Elliott, M & J-P Ducrotoy, 1991. Concluding paper: the future direction of studies on spatial and temporal comparisons of coasts and estuaries. In: Elliott, M & JP Ducrotoy (Eds.), *Estuaries & Coasts: spatial and temporal intercomparisons*. Olsen & Olsen, Fredensborg, Denmark, 385-390.

Elliott, M & MG O'Reilly, 1991. The variability and prediction of marine benthic community parameters. In: Elliott, M and J-P Ducrotoy (Eds.), *Estuaries & Coasts: spatial and temporal intercomparisons*. Olsen & Olsen, Fredensborg, Denmark, 231-238.

Pomfret, JR, M Elliott, MG O'Reilly & S Phillips, 1991. Temporal and spatial patterns in the fish communities of two North Sea estuaries. In: Elliott, M & J-P Ducrotoy (Eds.), *Estuaries & Coasts: spatial and temporal intercomparisons*. Olsen & Olsen, Fredensborg, Denmark, 277-284.

Elliott, M 1991 Imaging methods in benthic ecology: summary of discussions, conclusions and recommendations. In: Keegan, BF (Ed.) *COST647 - Coastal Benthic Ecology*. CEC Directorate General; Activity report 1988-1991, p348-351.

Costa, MJ & M Elliott, 1991. Fish usage and feeding in two industrialised estuaries - the Tagus, Portugal, and the Forth, Scotland. In: Elliott, M and J-P Ducrotoy (Eds.), *Estuaries & Coasts: spatial and temporal intercomparisons*. Olsen & Olsen, Fredensborg, Denmark, 289-297.

Heap, JM, M Elliott & T ap Rheinalt, 1991. The marine disposal of sewage-sludge. *Ocean & Shoreline Management*, **16** 291-312.

Elliott, M 1992-1998. Editor of the *Bulletin of the Estuarine and Coastal Sciences Association* (3 issues per year).

Elliott, M 1992 as Scientific language editor to Olsen & Olsen, Publishers, Fredensborg, Denmark, for *Marine Eutrophication and Population Dynamics*, eds. G Colombo et al, pp395, Olsen & Olsen, Denmark.

McLusky, DS, DM Bryant & M Elliott (1992). The impact of land-claim on the invertebrates, fish and birds of the Forth estuary. *Aquatic Conservation: Marine and Freshwater Ecosystems* **2**, (211-222)

Moore, DC and M Elliott 1992. Analytical intercomparison exercises in marine benthic biology. *Polychaete Research Newsletter*, No 14, April 1992, p 10.

Elliott, M. 1993. The Quality of Macrobiological Data, *Marine Pollution Bulletin*, **25** 6-7.

MAFF 1993 *Analysis and interpretation of benthic community data at sewage sludge disposal sites*. Aquatic Env. Mon. Rept. 37, Lowestoft, pp80. (2nd report of the Biology Task-team, GCSDM/MPMMG/ DOE, includes two sections with ME as author plus other parts drafted by whole team).

Elliott, M, 1993. Recent developments in marine macrobenthic community analysis. *Proceedings of the 4th Panhellenic Symposium on Oceanography and Fisheries, Rhodes (isl.), Greece*, p144-155.

McLusky, DS, SC Hull & M Elliott 1993 Variations in the intertidal and subtidal macrofauna and sediments along a salinity gradient in the Upper Forth estuary. *Neth. J Aquat. Ecol.* **27** 101-109.

- Marshall, S & M Elliott (1993) Population dynamics and feeding ecology of the Humber estuary fish assemblage. *J Fish Biol.* **43** (Suppl. A) 332.
- Elliott, M (1994) The analysis of macrobenthic community data. *Mar. Poll. Bull.* **28** 62-64.
- Chesmore, ED, M Elliott & DM Taylor (1994) Multidisciplinary teaching in environmental science and engineering. In: *Environmental Engineering Education and Training*, Conference Proceedings.
- Marshall, S & M Elliott (1994) A comparison of univariate and multivariate numerical and graphical techniques for determining inter- and intra-specific feeding relationships in estuarine fish. *J Fish Biol.* **45** (Suppl. A) 250.
- Elliott, M, & J-P Ducotoy (Eds.) (1994) *Environmental Perspectives for the Northern Seas*. Marine Pollution Bulletin **29** (6-12) p253-660.
- Elliott, M, & J-P Ducotoy (1994) Environmental perspectives for the Northern Seas - summary. *Marine Pollution Bulletin* **29** (6-12) 647-660.
- 1995-1999**
- Elliott, M & F Dewailly (1995). The structure and components of European estuarine fish assemblages. *Neth. J. Aquat. Ecol.* **29** (3-4) 397-417.
- Fernandes, TF, M Elliott & MC da Silva (1995). The management of European estuaries: a comparison of the features, controls and management framework of the Tagus (Portugal) and Humber (England). *Neth. J. Aquat. Ecol.* **29** (3-4) 459 - 468.
- SOAFD (1996) *Monitoring and assessment of the marine benthos at UK dredged material disposal sites*. Scot. Fish. Inf. Pamph. No. 21, Aberdeen, ISSN 0309 9105 (3rd report of the Biology Task-team, GCSDM/MPMMG/DOE).
- Elliott, M (1996) Biological impacts arising from the marine disposal of dredged sands. Chapter 4.5 in: *Monitoring and assessment of the marine benthos at UK dredged material disposal sites*. Scot. Fish. Inf. Pamph. No. 21, Aberdeen, ISSN 0309 9105 (3rd report of the Biology Task-team, GCSDM/MPMMG/DOE).
- Rees, HL, M Elliott & TH Pearson (1996). Generic hypotheses for biological effects of dredgings disposal. Chapter 5 in: *Monitoring and assessment of the marine benthos at UK dredged material disposal sites*. Scot. Fish. Inf. Pamph. No. 21, Aberdeen, ISSN 0309 9105 (3rd report of the Biology Task-team, GCSDM/MPMMG/DOE).
- Elliott, M & VN de Jonge (1996). The need for monitoring the monitors and their monitoring. *Marine Pollution Bulletin* **32** 248 - 249.
- Elliott, M (1996) *The 'Brent Spar Debacle' - The Role and Responsibility of Marine Scientists* Sherkin Comment (Environmental Quarterly of Sherkin Island Marine Station, Ireland) September 1996 Issue No. 21 (pages 21, 24)
- Elliott, M (1996) The derivation and value of ecological quality standards and objectives. *Marine Pollution Bulletin*. 32 (11) 762-763.
- Marshall, S & M Elliott (1996) The structure of the fish assemblage in the Humber Estuary, UK. *Publicaciones Especiales Instituto Espanol de Oceanografia* **21** 231-242.
- Hosch, G.E., Elliot, M., García, L. y Higuera, I. 1997. Determinación de metales pesados totales en agua, sedimento y almejas de la Bahía de Guaymas, Sonora, México. Boletín CIAD 6(1): 5-6.
- Keating, J, CE Grundy, PS Fivey, M Elliott & J Robinson (1997) An investigation into the association between the presence of cytoplasmic residues on the human sperm midpiece and defective sperm function. *J. Reprod. & Fertility* **110** 71-77.
- Marshall, S & M Elliott (1997). A comparison of univariate and multivariate numerical and graphical techniques for determining inter- and intra-specific feeding relationships in estuarine fish *J Fish Biol.* **51**, 526-545.
- Ducotoy, J-P & M Elliott (1997) Interrelations between science and policy-making: the North Sea example. *Marine Pollution Bulletin* **34**(9) 686-701.
- Marshall, S & M Elliott (1998). Environmental influences on the fish assemblage of the Humber estuary, UK. *Est., Coastal and Shelf Sci.* **46** 175-184.

Elliott, M & AJ Lawrence (1998) The protection of species versus habitats - dilemmas for marine scientists. *Marine Pollution Bulletin* **36(3)** 174-176.

Elliott, M. 1998 Commercial fish and European estuaries - priorities for management and research. Project Synopses Vol. VI Fisheries and Aquaculture (FAIR 1994-98). 3rd European Marine Science and Technology Conference, Lisbon, 1998, European Communities, Brussels, p176-181.

Widdows, J, MD Brinsley, PN Salkeld & M Elliott (1998) Use of annular flumes to determine the influence of current velocity and bivalves on material fluxes at the sediment-water interface. *Estuaries*, **21(4A)** 552-559.

Widdows, J, M Brinsley & M Elliott (1998) Use of in situ flume to quantify particle flux (biodeposition rates and sediment erosion) for an intertidal mudflat in relation to changes in current velocity and benthic macrofauna. In: Black, KS, DM Patterson & A Cramp (Eds.) *Sedimentary Processes in the Intertidal Zone*. Geological Society, London, Special Publications, **139** 85-97.

Elliott, M., S. Nedwell, N.V. Jones, S.J. Read, N.D. Cutts, K.L. Hemingway. 1998. Intertidal Sand and Mudflats & Subtidal Mobile Sandbanks (volume II). An overview of dynamic and sensitivity characteristics for conservation management of marine SACs. Scottish Association for Marine Science (UK Marine SACs Project). 151 Pages.

Elliott, M, TF Fernandes & VN de Jonge. (1999) The impact of recent European Directives on estuarine and coastal science and management. *Aquatic Ecology* **33** 311-321.

Elliott, M T Fernandes & JR Pomfret (1999) Transforming baseline data to accessible information for coastal zone managers. In: Bridge, L (Ed.) *Info-Coast '99 Symposium Report*. CoastLink, Coastal & Marine Observatory at Dover, UK and EUCC-UK, Brampton, UK, p41- 44

2000

Blaber, SJM, J-J Albaret, Chong Ving Ching, DP Cyrus, JW Day, M Elliott, D Fonseca, J Hoss, J Orensanz, IC Potter and W Silvert (2000) Effects of fishing on the structure and functioning of estuarine and nearshore ecosystems. *ICES Journal of Marine Science* **57**: 590-602 (condensed from a solicited major review for SCOR/IOC, approx. 75 pages).

Ducrotoy, J-P & M Elliott (2000) The Yorkshire Coast in the context of North Sea science and management. *Coastal Zone Topics: Process, Ecology & Management*, 4: 137-148.

Ducrotoy, J-P, M Elliott & VN de Jonge (2000). The North Sea. In: Sheppard, C (Ed.). *Seas at the Millennium* (3 vols.). Elsevier, Oxford.

Ducrotoy, J-P, M Elliott & VN de Jonge (2000). The North Sea. *Marine Pollution Bulletin* **41** (1-6): p5-23.

Elliott, M & S Marshall (2000) The Biology of Fishes of the Humber Estuary, UK. *Coastal Zone Topics: Process, Ecology & Management*, 4: 85-96.

Elliott, M. & J.-P. Ducrotoy (2000) Marine biodiversity studies in North-East England. *Coastal Zone Topics: Process, Ecology & Management*.4: p167-178

James, R, M Elliott & J-P Ducrotoy (2000) The Beach Macrofauna of North and South Bays, Scarborough, in relation to environmental factors. *Coastal Zone Topics: Process, Ecology & Management*, 4: 73-84.

Jones, NV & M Elliott (Eds.) (2000) 4. *The Humber Estuary and adjoining Yorkshire & Lincolnshire Coasts*. Coastal Zone Topics: Process, Ecology & Management, Publ. Estuarine & Coastal Sciences Association, ISSN 1353-6168, pp180

Mathieson, S, A Cattrisse, MJ Costa, P Drake, M Elliott, J Gardner and J Marchand (2000) Fish assemblages of European tidal marshes: a functional guilds-based comparison. *Marine Ecology Progress Series* **204**: 225-242.

Mazik, K & M Elliott (2000) The effects of chemical pollution on the bioturbation potential of estuarine intertidal mudflats. *Helgoland Marine Research* **54**: 99-109.

Widdows, J, S Brown, MD Brinsley, PN Salkeld & M Elliott (2000) Temporal changes in intertidal sediment erodability: influence of biological and climatic factors. *Cont. Shelf Res.* **20**: 1275-1289.

2001

De Jonge, VN & M Elliott (2001). Eutrophication. In: J Steele, S Thorpe & K Turekian (Eds.) *Encyclopedia of Ocean Sciences*. Volume 2, Academic Press, London.p852-870.

- Elliott, M & JH Allen (2001) Data Handling, Presentation and Analysis Packages for Use in Marine Biological Teaching and on Field Courses. In: PG Moore (Ed.) *Developing and sharing best practice in marine-related fieldwork*. Occasional Publication no. 8, University Marine Biological Station, Millport, KA28 0EG, p57-60.
- Elliott, M, J-P Ducrotoy & T Fernandes (2001) Estuarine and Coastal Science and Management: Field Exercises & Multidisciplinary Case-Studies. . In: PG Moore (Ed.) *Developing and sharing best practice in marine-related fieldwork*. Occasional Publication no. 8, University Marine Biological Station, Millport, KA28 0EG, p28-31.
- Elliott, M. (2001) Application and applicability of ecological objectives and standards for dredging and aggregate extraction. In: Final report, *Workshop to Discuss the Feasibility and Practice of Developing Ecological Quality Objectives for Aggregate Extraction Areas*. CEFAS Lowestoft Laboratory, Pakefield Road, Suffolk, NR33 0HT, p31-40.
- Elliott, M. (2001) Impact of climate change on the coastal zone – Forward. *Climate Research* 18(1-2) 5-6.
- Elliott, M. (2001) Nutrients in the estuarine, coastal and marine environment – a cause for concern? In: *Coastal Futures 2001: Coastal Management for Sustainability – Review and Future trends*, 2001 Volume 8, paper 0114, pp 71-80, ISBN 0-9522946-7-2.
- Mostafa, M, M Elliott, & M Rahman (2001). Effect of stocking densities on production and economic return from the shrimp, Penaeus monodon (Fabricius) under semi-intensive culture system in Bangladesh. *Khulna University Studies*. 3(1): 455-460.
- Read, S & M Elliott (2001) Marine Administration & Legislation In The UK: From The Sectoral To The Holistic Approach. In: JP Ducrotoy, SM Shastri & M Barry (Eds.) *The Marine Environment: Science and Law*. University of Hull, ISBN 0-953-4857. p107-122.
- Read, SJ, M Elliott & TF Fernandes (2001). The possible implications of the Water Framework Directive and the Species & Habitats Directive on the Management of Marine Aquaculture. In: Read, PA et al (Eds.) *The Implications of Directives, Conventions and Codes of Practice on the Monitoring and Regulation of Marine Aquaculture in Europe (MARAQUA)*. EU FAIR Programme, PL98-4300 (1999-2000), Publ. Fisheries Research sevices, Aberdeen, p58-74.
- ## 2002
- Costello, M, M. Elliott & R. Thiel (2002) Chapter 5 Endangered and rare species. In: Elliott, M & KL Hemingway (Eds) *Fishes in Estuaries*. Blackwell Science, Oxford, p217-265.
- de Jonge, VN & M Elliott (2002) Causes, historical development, effects and future challenges of a common environmental problem: eutrophication. *Hydrobiologia* 475/476, 1-19.
- Elliott M & DS McLusky (2002) The need for definitions in understanding estuaries. *Estuarine, Coastal & Shelf Science*, 55(6) 815-827.
- Elliott, M & KL Hemingway (Eds) (2002) *Fishes in Estuaries*. Blackwell Science, Oxford, pp636.
- Elliott, M & VN de Jonge. (2002). The management of nutrients and potential eutrophication in estuaries and other restricted water bodies *Hydrobiologia* 475/476, p513-524.
- Elliott, M (2002) Chapter 1 Introduction. In: Elliott, M & KL Hemingway (Eds) *Fishes in Estuaries*. Blackwell Science, Oxford, p1-9.
- Elliott, M (2002) Chapter 10: An overview of the status, study and management of fishes in estuaries. In: Elliott, M & KL Hemingway (Eds) *Fishes in Estuaries*. Blackwell Science, Oxford, p555-575.
- Elliott, M (2002). The role of the DPSIR approach and conceptual models in marine environmental management: an example for offshore wind power. *Marine Pollution Bulletin*, 44(6): iii-vii.
- Elliott, M, K.L. Hemingway, M.J. Costello, S. Duhamel, K. Hostens, M. Labropoulou, S. Marshall & H. Winkler (2002) Chapter 4 Links between fish and other trophic levels. In: Elliott, M & KL Hemingway (Eds) *Fishes in Estuaries*. Blackwell Science, Oxford, p124-216.
- Elliott, M, K.L. Hemingway, S. Marshall & S. Duhamel (2002) Chapter 9: Data quality analysis and interpretation. In: Elliott, M & KL Hemingway (Eds) *Fishes in Estuaries*. Blackwell Science, Oxford, p510-554.

Hemingway, KL & M Elliott (2002) Chapter 8 Field Methods. In: Elliott, M & KL Hemingway (Eds) *Fishes in Estuaries*. Blackwell Science, Oxford, p410-509.

Marchand, J., I. Codling, P. Drake, M. Elliott, L. Pihl & J. Rebelo (2002) Chapter 7 Environmental quality of estuaries. In: Elliott, M & KL Hemingway (Eds) *Fishes in Estuaries*. Blackwell Science, Oxford, p322-409.

Orive, E, M Elliott & VN de Jonge (Eds.) (2002) *Nutrients and Eutrophication in Estuaries and Coastal Waters*. Developments in Hydrobiology, 164, Kluwer Academic Publishers, Dordrecht, pp526.

Pombo, L.; Elliott, M. & Rebelo, J.E. 2002. Changes in the Fish Fauna of the Ria de Aveiro Estuarine Lagoon (Portugal) during the 20th Century. *Journal of Fish Biology*, 61 (Supplement A): 167-181.

Whitfield, AK & M Elliott (2002) Fishes as indicators of environmental and ecological changes within estuaries – a review of progress and some suggestions for the future. *Journal of Fish Biology* 61(Suppl. A), 229-250.

2003

Bemvenuti, C. E., Rosa-Filho, J. S. and Elliott, M. 2003 Changes in soft-bottom macrobenthic assemblages after a sulphuric acid spill in the Rio Grande Harbor (RS, Brazil) *Braz. J. Biol.*, 63(2): 183-194.

Elliott, M. (2003) Biological pollutants and biological pollution - an increasing cause for concern. *Marine Pollution Bulletin*, 46(3) 275-280.

Elliott, M., Hemingway, K.L., Krueger, D., Thiel, R., Hylland, K., Arukwe, A., Förlin, L. & M. Sayer, 2003. Chapter 6: Links between the individual response and the population and community response to pollution. In: (Eds.: Lawrence, A.J. & K.L. Hemingway) *Effects of Pollution on Fish*. Blackwell Science Ltd., Oxford.

Hiscock, K, M Elliott, D Laffoley & S Rogers (2003). Data use and information creation: challenges for marine scientists and managers. *Marine Pollution Bulletin*, 46 534-541.

Lawrence, AJ & M Elliott. 2003. Chapter 1: Introduction and Conceptual Model, In: (Eds.: Lawrence, A.J. & K.L. Hemingway) *Effects of Pollution on Fish*. Blackwell Science Ltd., Oxford.

MEMG (2003) Group Coordinating Sea Disposal Monitoring. Final report of the Dredging and Dredged Material Disposal Monitoring Task-team. Science Series, Aquatic Environment Monitoring Report, CEFAS, Lowestoft, 55:pp52. ISSN 0142-2499.

2004

Elliott, M & ND Cutts (2004). Marine Habitats: loss and gain, mitigation and compensation. *Marine Pollution Bulletin*, 49: 671-674.

La Jeunesse I. & M. Elliott (2004) Anthropogenic regulation of the phosphorus balance in the Thau catchment - coastal lagoon system (Mediterranean Sea, France) over 25 years. *Marine Pollution Bulletin* 48 679-687.

McLusky, DS & M Elliott (2004). *The Estuarine Ecosystem; ecology, threats and management*, 3rd Edn. OUP, Oxford. Pp216.

Pombo, L.; Elliott, M. & Rebelo, J.E. (2004). The Structure and Functioning of Fish Assemblage in the Ria de Aveiro, Portugal – Temporal and Spatial Variation and the Influence of Abiotic Factors. *Cahiers de Biologie Marine*, 45: 197-211.

Rosa-Filho, J-S, CE Bemvenuti & M Elliott (2004). Predicting biological parameters of estuarine benthic communities using models based on environmental data. *Brazilian Archives of Biology & Technology* 47(4) 613-627.

2005

Hampel, H, A Cattrisse & M Elliott (2005) Feeding habits of young predatory fishes in marsh creeks situated along the salinity gradient of the Schelde Estuary, Belgium and the Netherlands. *Helgoland Marine Research* 59(2): 151-162. (ISSN 1438-387X/3888; Online First)

Haque, EM & M Elliott (2005). The Sundarban Mangrove Ecosystem of Bangladesh: high biodiversity, resources and protection, *Bulletin of the Estuarine & Coastal Sciences Association* No. 48, July 2005, p7-11.

Pombo, L.; Elliott, M. & Rebelo, J.E. 2005. Ecology, Age and Growth of *Atherina boyeri* Risso, 1810 and *Atherina presbyter* Cuvier, 1829 in the Ria de Aveiro, Portugal. *Cybium*, 29(1) 47-55.

Pombo, L.; Elliott, M. & Rebelo, J.E. 2005. Environmental Influences on Fish Assemblage Distribution of an Estuarine Coastal Lagoon, Ria de Aveiro (Portugal). *Scientia Marina*, 69(1): 143-159.

2006

Apitz, S.E., Elliott, M., Fountain, M., and Galloway, T.S. (2006) European Environmental Management: Moving to an Ecosystem Approach. *Integrated Environmental Assessment & Management*. 2(1) 80-85.

Aubry, A & M. Elliott (2006). The use of Environmental Integrative Indicators to assess seabed disturbance in estuaries and coasts: application to the Humber Estuary, UK. *Marine Pollution Bulletin* 53(1-4) 175-185.

Boyes, S., Burdon, D. & Elliott, M (2006). Unlicensed Activities: A Review to Consider the Threats to Marine Biodiversity. Defra Living Land and Seas Science Division, London, <http://www.defra.gov.uk/wildlife-country-side/resprog/findings/mb-threats/cr0354.pdf>

Boyes, S.J. & M. Elliott (2006). Organic matter and nutrient inputs to the Humber Estuary, England. *Marine Pollution Bulletin* 53(1-4) 136-143.

Boyes, SJ, D Burdon, ND Cutts, M Elliott & S Thomson (2006). The Humber Estuary: a case study. In: JC Dauvin (Ed.), North-Atlantic Estuaries: problems and perspectives. GIP Seine Aval, Rouen, pp55-62.

De Jonge, V.N., M. Elliott & V.S. Brauer (2006). Marine monitoring: its shortcomings and mismatch with the EU Water Framework Directive's objectives. *Marine Pollution Bulletin* 53(1-4) 5-19.

Ducrotoy, J-P & M Elliott (2006). Recent developments in estuarine ecology and management. *Marine Pollution Bulletin*, 53(1-4) 1-4.

Ducrotoy, J-P & M Elliott (Eds.) (2006). *Recent Developments in Estuarine Ecology & Management*. Marine Pollution Bulletin 53 (1-4), 1-204.

Elliott, M, S.J. Boyes & D. Burdon (2006). Integrated marine management and administration for an island state - the case for a new Marine Agency for the UK. *Marine Pollution Bulletin*, 52(5) 469-474.

Hemingway, KL, ND Cutts, S Boyes, JH Allen, M Elliott, S Travers (2006) *Marine Species Protection: A review of risk and considerations for improvement*. Defra Living Land and Seas Science Division, London, <http://www.defra.gov.uk/wildlife-country-side/resprog/findings/marine-spec/cr0354-species-protection.pdf>

Quintino, V, M Elliott & AM Rodrigues (2006) The derivation, performance and role of univariate and multivariate indicators of benthic change: case studies at differing spatial scales. *J Exp Mar Biol Ecol.* 330 368-382.

2007

Academy of Finland (2007) Baltic Sea Research Programme (BIREME): Evaluation Report 2002-2006. International Evaluation Panel (Chaired by M Elliott, Rapporteur S Travers, IECS, University of Hull). Academy of Finland, Helsinki.

Borja, A & M Elliott (2007) What does 'Good Ecological Potential' mean, within the European Water Framework Directive? *Marine Pollution Bulletin*, 54: 1559-1564.

Boyes, SJ, M Elliott, SM Thomson, S Atkins & P Gilliland (2007) A proposed multiple-use zoning scheme for the Irish Sea. An Interpretation of current legislation through the use of GIS-based zoning approaches and effectiveness for the protection of nature conservation interests. *Marine Policy*, 31: 287-298.

Calewaert, J-B, F Maes, G Lymbery, G Engelen, V van Lancker, F Douvere, J Vanaverbeke, M Collins & M Elliott (2007) Chapter 7: Conclusions and Recommendations. In: J-B Calewaert & F Maes (Eds.) *Science and Sustainable Management of the North Sea: Belgian Case Studies*. Academia Press, Gent, Belgium, ISBN 978-90-382-1085-8, p251-305.

Elliott, M. & V Quintino (2007) The Estuarine Quality Paradox, Environmental Homeostasis and the difficulty of detecting anthropogenic stress in naturally stressed areas. *Marine Pollution Bulletin*, 54, 640-645.

- Elliott, M. D Burdon, KL Hemingway & S Apitz (2007) Estuarine, Coastal and Marine Ecosystem Restoration: confusing management and science - a revision of concepts. *Estuarine, Coastal & Shelf Science* 74: 349-366.
- Elliott, M., A.K. Whitfield, I.C. Potter, S.J.M. Blaber, D.P. Cyrus, F.G. Nordlie & T.D. Harrison (2007) The guild approach to categorizing estuarine fish assemblages: a global review. *Fish and Fisheries* 8: 241-268.
- Franco, A, M Elliott & P Torricelli (2007) Preface: Biodiversity and Ecosystem Functioning in Coastal and Transitional Waters. *Estuarine, Coastal & Shelf Science*, 75 (1-2): 1-3.
- Franco, A, M Elliott & P Torricelli (Eds) (2007) Biodiversity and Ecosystem Functioning in Coastal and Transitional Waters. *Estuarine, Coastal & Shelf Science*, 75 (1-2): 1-278.
- Mazik, K, J.E. Smith, A. Leighton & M. Elliott (2007). Physical and biological development of a newly breached managed realignment site, Humber estuary, UK. *Marine Pollution Bulletin* 55: 564-578.
- McLusky, DS & M Elliott (2007). Transitional Waters: a new approach, semantics or just muddying the waters? *Estuarine, Coastal & Shelf Science*, 71: 359-363.
- Pombo, L., Rebelo, J.E & Elliott, M. (2007) The structure, diversity and somatic production of the fish community in an estuarine coastal lagoon, Ria de Aveiro (Portugal) *Hydrobiologia* 587: 253-268.
- Rochelle-Newall, EJ, Winter, C, Barrón, C, Borges, AV, Duarte, CM, Elliott, M, Frankignoulle, M, Gazeau, F, Middelburg, JJ, Pizay, M-D, and Gattuso, J-P (2007). An artificial neural network analysis of factors controlling ecosystem metabolism in the estuarine and coastal marine environments. *Ecological Applications* 17(5) Supplement, S185-S196.
- 2008**
- Abu El-Regal, M, Ahmed, AI, El-Etreby, SG, ElKomi, M, and Elliott, M. (2008) Abundance and Diversity of Coral Reef Fish Larvae at Hurghada, Egyptian Red Sea Egypt. *J. Aquat. Biol. & Fish.*, 12 (2): 17 -33. ISSN 1110 –1131.
- Abu El-Regal. Mohamed; Salah G. El-Etreby; Mohamed ElKomi;Ashraf I. Ahmed and Michael Elliott (2008) Influence of some ecological features of the adult fishes on spatial distribution of their larvae near coral reefs at Hurghada, Egyptian Red Sea. *Egyptian Journal of Aquatic Biology and Fisheries*. 12:35-50.
- Ducrotoy, J-P & M Elliott (2008) The science and management of the North Sea and the Baltic Sea: Natural history, present threats and future challenges *Marine Pollution Bulletin* 57: 8–21.
- Franco, A, M Elliott, P Franzoi, P Torricelli (2008) Life strategies of fishes in European estuaries: the functional guild approach. *Marine Ecology Progress Series* 354: 218-224.
- Lawson,S., Foster, D., and Elliott, M. (2008) Harnessing human computation via social networking technologies for citizen science and biodiversity monitoring. Proc of BioDivGrid 08, International workshop on Distributed Sensing and Collective Intelligence in Biodiversity Monitoring, Amsterdam, Dec 2008.
- Mazik K, N Curtis, MJ. Fagan, S Taft & M Elliott (2008). Accurate quantification of the influence of benthic macro- and meio-fauna on the geometric properties of estuarine muds by micro computer tomography. *Journal of Experimental Marine Biology and Ecology* 354 (2008) 192–201.
- Mee, LD, RL Jefferson, Dd'A Laffoley and M Elliott (2008) How good is good? Human values and Europe's proposed Marine Strategy Directive. *Marine Pollution Bulletin*, 56: 187-204.
- Richardson, B, R Wu, P Shin, P Lam, A Fleddum, M Elliott and C Sheppard (2008) A tribute to John Stuart Gray (1941–2007) *Marine Pollution Bulletin* 56(1) 1–4
- 2009**
- Gray, JS & M Elliott (2009). *Ecology of Marine Sediments: science to management*. OUP, Oxford, 260pp.
- Hampel, H, M. Elliott, A. Cattrijssse (2009) Macrofaunal communities in the habitats of intertidal marshes along the salinity gradient of the Schelde estuary. *Estuarine, Coastal and Shelf Science* 84: 45-53.
- Marques, JC, A Basset, T Brey & M Elliott (2009). The ecological sustainability trigon – a proposed conceptual framework for creating and testing management scenarios. *Marine Pollution Bulletin*, 58: 1773-1779.
- Trono, A, M Mossa & M Elliott (2009). The coastline and wetlands of Puglia and the Salento peninsula in southern Italy. *ECSA Bulletin*, Number 53, Summer 2009, p46-54.

Wilson, JC and M Elliott (2009). The potential for habitat creation produced by offshore wind farms. *Wind Energy*, 12: 203-212.

2010

Alvarez, MA, JA Donarski, M Elliott, AJ Charlton (2010) Methodological advances in the use of NMR-based metabolomics in the marine polychaete ragworm, *Hediste diversicolor*. *Metabolomics*. 6:541-549.

Atkins, JP, D Burdon, M Elliott & AJ Gregory (2010) Systemic insights into the management of ecosystem services in the marine environment. Proceedings of the 54th Meeting of the International Society for the Systems Sciences, Wilfrid Laurier University, Waterloo, ON, Canada, July 18-23, 2010; ISSN: 1999-6918.

Borja, Á, DM Dauer, M Elliott & CA Simenstad (2010). Medium- and Long-term Recovery of Estuarine and Coastal Ecosystems: Patterns, Rates and Restoration Effectiveness. *Estuaries and Coasts* (2010) 33:1249–1260.

Borja, Á, M Elliott, J Carstensen, A-S Heiskanen, W van de Bund (2010). Marine management – towards an integrated implementation of the European Marine Strategy Framework and the Water Framework Directives. *Marine Pollution Bulletin* 60: 2175-2186.

Elliott, M & J-P Ducotoy (2010) Management plans for four North Sea estuaries: the Elbe, the Weser, the Humber and the Scheldt. *Bulletin of the Estuarine & Coastal Sciences Association*, Number 55: 15-22.

Elliott, M, A Trono & ND Cutts (2010) Chapter 17 Coastal Hazards and Risk. In: DR Green (Ed.) *Coastal Zone Management*. Thomas Telford Publ. London, p396-432.

Elliott, M, J-P Ducotoy, TF Fernandes, PF Kingston, DS McLusky, JB Pearce & C Sheppard (2010) Obituary: Prof Alasdair McIntyre CBE, BSc DSc (Glasgow), DUniv (Stirling, Edinburgh Napier), FRSE 1926-2010. *Marine Pollution Bulletin*, 60:941-942.

Hering, D, A Borja, J Carstensen, L Carvalho, M Elliott, CK Feld, AS Heiskanen, RK Johnson, J Moe, D Pont, AL Solheim, W van de Bund (2010). The European Water Framework Directive at the age of 10: A critical review of the achievements with recommendations for the future. *Science of the Total Environment*. 408(19): 4007-4019.

Mazik, K, W Musk, O Dawes, K Solyanko, S Brown, L Mander, M Elliott (2010) Managed realignment as compensation for the loss of intertidal mudflat: A short term solution to a long term problem? *Estuarine, Coastal and Shelf Science* 90: 11-20.

Potter, IC, BM Chuwen, SD Hoeksema & M Elliott (2010) The concept of an estuary: a definition that incorporates systems which can become closed to the ocean and hypersaline. *Estuarine, Coastal & Shelf Science*, 87: 497–500.

Telesh, IV, M Elliott & VN de Jonge (2010). Editorial - Estuarine Ecosystems: structure, function and management (ECSA-42 Symposium in Russia). *Marine Pollution Bulletin*, 61(4-6): 147-148.

Telesh, IV, M Elliott & VN de Jonge (Eds) (2010). *Estuarine Ecosystems: structure, function and management (ECSA-42 Symposium in Russia)*. *Marine Pollution Bulletin*, 61(4-6): 147-266.

Wilson, JC, M Elliott, ND. Cutts, L Mander, V Mendao, R Perez-Dominguez & A Phelps (2010) Coastal and Offshore Wind Energy Generation: Is It Environmentally Benign? *Energies* 3: 1383-1422.

2011

Atkins, J.P., Gregory, A.J., Burdon, D. & Elliott, M., 2011. Managing the marine environment: is the DPSIR framework holistic enough? *Systems Research and Behavioural Science*, 28: 497–508.

Atkins, JP, D Burdon, M Elliott and AJ Gregory (2011) Management of the Marine Environment: Integrating Ecosystem Services and Societal Benefits with the DPSIR Framework in a Systems Approach. *Marine Pollution Bulletin*, 62(2): 215-226.

Borja, A., A. Basset, S. Bricker, J. C. Dauvin, M. Elliott, T. Harrison, J. C. Marques, S. B. Weisberg, R. West, (2011). Classifying Ecological Quality and Integrity of Estuaries. In: Wolanski E and McLusky DS (eds.) *Treatise on Estuarine and Coastal Science*. Waltham: Academic Press., 1: 125-162. (In: Volume 1, Classification of Estuarine and Nearshore Coastal Ecosystems, C Simenstad and T Yanagi (Eds)).

Borja, A, E Barbone, A Basset, G Borgersen, M Brkljacic, M Elliott, JM Garmendia, JC Marques, K Mazik, I Muxika, JM Neto, K Norling, JG Rodríguez, I Rosati, B Rygg, H Teixeira, A Trayanova (2011). Response of single benthic

- metrics and multi-metric methods to anthropogenic pressure gradients, in five distinct European coastal and transitional ecosystems. *Marine Pollution Bulletin*, 62: 499-513.
- Ducrotoy JP, Mazik K and Elliott M. (2011) Bio-sedimentary indicators for estuaries: a critical review. Union des océanographes de France, Paris, 2011, ISBN 978-2-9510625-2-8, pp.1-77.
- Elliott, M & A Whitfield (2011) Challenging paradigms in estuarine ecology and management. *Estuarine, Coastal & Shelf Science*, 94: 306-314.
- Elliott, M & MJ Kennish (2011) Chapter 8.01 Introduction-Overview In: Kennish, MJ & M Elliott (Eds), Volume 8 Human-Induced Problems (Uses and abuses); In: E Wolanski & McLusky, DS (Eds) *Treatise on Estuarine & Coastal Science*, Elsevier, Amsterdam, p1-15.
- Elliott, M. (2011). Marine science and management means tackling exogenic unmanaged pressures and endogenic managed pressures – a numbered guide. *Marine Pollution Bulletin*, 62: 651-655.
- García-Alonso, J., Greenway, G.M., Munshi A., Gómez, J.C., Mazik K., Knight, A.W., Hardege, J.D. and Elliott, M. (2011). Biological responses to contaminants in the Humber Estuary: disentangling complex relationships. *Marine Environmental Research*, 71(4): 295-303.
- Kennish, MJ and Elliott, M (Eds) (2011) Volume 8. Human-induced problems (uses and abuses) in Estuaries and Coasts. In: E Wolanski & McLusky, DS (Eds) *Treatise on Estuarine & Coastal Science*, Elsevier, Amsterdam, pp315.
- Olenin, S, Elliott, M, Bysveen, I, Culverhouse, P, Daunys, D, Dubelaar, GBJ, Gollasch, S, Gouletquer, P, Jelmert, A, Kantor, Y, Mézeth, KB, Minchin, D, Occhipinti-Ambrogi, A, Olenina, I, Vandekerckhove, J. (2011) Recommendations on methods for the detection and control of biological pollution in marine coastal waters. *Marine Pollution Bulletin*, 62(12): 2598-2604.
- Whitfield, AK & M Elliott (2011) Chapter 1.07: Ecosystem and Biotic Classifications of Estuaries and Coasts. In: Volume 1, Classification of Estuarine and Nearshore Coastal Ecosystems, C Simenstad and T Yanagi (Eds), In: E Wolanski & McLusky, DS (Eds) *Treatise on Estuarine & Coastal Science*, Elsevier, Amsterdam, p99-124.
- ## 2012
- Elliott, M (2012) Preface – Setting the Scene and the Need for Integrated Science for the Operational and Environmental Consequences of Large Industrial Cooling Water Systems. In: S Rajagopal, HA Jenner and VP Venugopalan (Eds). *Operational and Environmental Consequences of Large Industrial Cooling Water Systems*. Springer, Heidelberg/New York.
- Elliott, M, T Edwards and P Wynn (2012). 'Filling the Gaps in Knowledge' - What don't we know about estuaries and coasts? E.g. The Humber Estuary and Eastern English Coast. *Bulletin of the Estuarine & Coastal Sciences Association*, Number 58, Winter 2012, www.ecsa-news.org, ISSN: 1352-4615 P19-23.
- Marques, J.C., M.J. Costa and M. Elliott (Eds.) (2012) Assessing Ecological Quality in Estuarine and Coastal Systems – Functional Perspective. *Estuarine Coastal and Shelf Science*, 112:1-286 (20 October 2012)
- Marques, J.C., M.J. Costa, M. Elliott (2012) Introducing "Assessing ecological quality in estuarine and coastal systems – a functional perspective" *Estuarine, Coastal and Shelf Science*, 112:1-3.
- Pascual, M., Borja, A., Franco, J., Burdon, D., Atkins, J.P. & Elliott, M. (2012). What are the costs and benefits of biodiversity recovery in a highly polluted estuary? *Water Research*, 46: 205-217.
- Perez-Dominguez, R., Maci S., Courrat A., Lepage M., Borja A., Uriarte A., Neto J.M., Cabral H., Raykov V. St., Franco A., Alvarez M.C., Elliott M. (2012). Current developments on fish-based indices to assess ecological-quality status of estuaries and lagoons. *Ecological Indicators*, 23: 34-45.
- Quintino, V., Azevedo e Costa, A, Magalhães, L., Sampaio, L., Freitas, R., Rodrigues, A.M., and Elliott, M. (2012). Indices, multispecies and synthesis descriptors in benthic assessments: intertidal organic enrichment from oyster farming. *Estuarine, Coastal & Shelf Science*, 110: 190-201.
- Ramos, S., Amorim, E., Elliott, M., Cabral, H., Bordalo, A.A. (2012). Early life stages of fishes as indicators of estuarine ecosystem health. *Ecological Indicators*, 19: 172-183.

Whitfield, A.K., M. Elliott, A. Bassett, S.J.M. Blaber, R.J. West (2012). Paradigms in estuarine ecology – the Remane diagram with a suggested revised model for estuaries: a review. *Estuarine, Coastal & Shelf Science*, 97: 78-90.

Wither, A, R Bamber, S Colclough, K Dyer, M Elliott, P Holmes, H Jenner, A Turnpenny (2012). Setting new thermal standards for transitional and coastal (TraC) waters. *Marine Pollution Bulletin*, 64: 1564-1579.

2013

Alvarez, M.C., Franco, A., Pérez-Domínguez, R., Elliott, M. (2013). Sensitivity analysis to explore responsiveness and dynamic range of multimetric fish-based indices for assessing the ecological status of estuaries and lagoons. *Hydrobiologia*. 704(1): 347-362.

Basset, A, E Barbone, A Borja, M Elliott, GJ Lasinio, J-C Marques, K Mazik, I Muxika, JM Neto, S Reizopoulou, I Rosati, H Teixeira (2013) Natural variability and reference conditions: setting type-specific classification boundaries for lagoon macroinvertebrates in the Mediterranean and Black Seas. *Hydrobiologia*, 704(1) 325-345.

Basset, A, E Barbone, M Elliott, B-L Li, SE Jorgensen, P Lucena-Moya, I Pardo, D Mouillot (2013). A unifying approach to understanding transitional waters: fundamental properties emerging from ecotone ecosystems. *Estuarine, Coastal & Shelf Science*, 132: 5-16. <http://dx.doi.org/10.1016/j.ecss.2012.04.012>

Basset, A., Elliott, M., West, R.J., Wilson, J.G. (2013). Estuarine and lagoon biodiversity and their natural goods and services. *Estuarine, Coastal and Shelf Sciences* 132: 1-4.

Borja, Á, Elliott, M (2013) Marine monitoring during an economic crisis: the cure is worse than the disease. *Marine Pollution Bulletin* 68: 1-3.

Borja, A., Elliott, M., Andersen, J.H., Cardoso, A.C., Carstensen, J., Ferreira, J.G., Heiskanen, A.-S., Marques, J.C., Neto., J., Teixeira., H., Uusitalo., L., Uyarra., M.C., Zampoukas, N. (2013). Good Environmental Status of marine ecosystems: What is it and how do we know when we have attained it? *Marine Pollution Bulletin*, 76: 16-27.

Borja, A., Elliott, M., Henriksen, P., Marbà, N. (2013) Transitional and coastal waters ecological status assessment: advances and challenges resulting from implementing the European Water Framework Directive. *Hydrobiologia*. 704 (1): 213-229.

Callaway, R, Burdon, D, Deasey, A, Mazik, K, Elliott, M (2013) The riddle of the sands: how population dynamics explains causes of high bivalve mortality. *J Appl. Ecology*, 50(4): 1050-1059.

Cooper, K., Burdon, D., Atkins, J.P., Weiss, L., Somerfield, P., Elliott, M., Turner., RK, Ware, S., Vivian, C. (2013). Can the benefits of physical seabed restoration justify the costs? An assessment of a disused aggregate extraction site off the Thames Estuary, UK. *Marine Pollution Bulletin* 75(1-2): 33-45.

<http://dx.doi.org/10.1016/j.marpolbul.2013.08.009>.

Cormier, R, A Kannen, M Elliott, P Hall & IM Davies (Eds) (2013). Marine and Coastal Ecosystem-based Risk Management Handbook. ICES Cooperative Research Report, No. 317, March 2013, International Council for the Exploration of the Sea, Copenhagen, 60pp, ISBN 978-87-7472-115-1.

Elliott, M (2013). The 10-tenets for integrated, successful and sustainable marine management. *Marine Pollution Bulletin* 74(1): 1-5.

Gregory, A.J., Atkins, J.P., Burdon, D. & Elliott, M. (2013). A Problem Structuring Method for Ecosystem-Based Management: The DPSIR Modelling Process. *European Journal of Operational Research* 227(3): 558-569.

Mander, L., Marie-Orleach, L., Elliott, M. (2013). The value of wader foraging behaviour study to assess the success of restored intertidal areas. *Estuarine, Coastal and Shelf Science*, 131: 1-5.

Mazik, K, Hitchman, N, Quintino, V, Taylor, CJL, Butterfield, J, Elliott, M (2013). Sublethal effects of a chlorinated and heated effluent on the physiology of the mussel, *Mytilus edulis* L.: A reduction in fitness for survival? *Marine Pollution Bulletin* 77 (2013) 123–131.

Tett P., Gowen R., Painting S., Elliott M., Forster R., Mills D., Bresnan E., Capuzzo E., Fernandes T., Foden J., Geider R., Gilpin L., Huxham M., McQuatters-Gollop A., Malcolm S., Saux-Picart S., Platt T., Racault M.-F., Sathyendranath S., Molen J.v.d. and Wilkinson M. (2013). Framework for understanding marine ecosystem health. *Marine Ecology Progress Series* 494: 1–27 + suppl. material.

Verdonschot, P.F.M., Spears, B., Feld, C.K., Brucet, S., Keizer-Vlek, H., Gunn, I., May, L., Meis, S., Borja, A., Elliott, M., Kernan, M., Johnson R. (2013) A comparative review of recovery processes in rivers, lakes, estuarine and coastal waters. *Hydrobiologia*, 704(1): 453-474.

2014

Atkins, JP, D Burdon, M Elliott, M Schaafsma, RK Turner (2014). Coastal and marine ecosystem services. *Environmental Scientist (Journal of the Institution of Environmental Sciences, London, ISSN 0966 8411)*, 23 (4): 26-30.

Boyes, S.J. & Elliott, M. (2014). Marine Legislation – the ultimate ‘horrendogram’: International Law, European Directives & National Implementation. *Marine Pollution Bulletin*, 86(1-2): 39-47. doi: 10.1016/j.marpolbul.2014.06.055

Burdon, D., Callaway, R., Elliott, M., Smith, T., Wither, W. (2014) Mass mortalities in bivalve populations: a review of the edible cockle *Cerastoderma edule* (L.). *Estuarine Coastal & Shelf Science*, 150: 271-280.

Christie, N, Smyth, K, Barnes, RA, and Elliott, M (2014). Co-location of activities and designations: a means of solving or creating problems in marine spatial planning? *Marine Policy* 43: 254-261.

Elliott, M. (2014). Integrated marine science and management: wading through the morass. *Marine Pollution Bulletin*, 86(1/2): 1-4. doi: 10.1016/j.marpolbul.2014.07.026

Elliott, M., Cutts, N.D., Trono, A. (2014). A typology of marine and estuarine hazards and risks as vectors of change: a review for vulnerable coasts and their management. *Ocean & Coastal Management*, 93: 88-99.

Smyth, K, Mazik, K, Elliott, M (2014). Behavioural effects of hypersaline exposure on the lobster *Homarus gammarus* (L) and the crab *Cancer pagurus* (L) *Journal of Experimental Marine Biology and Ecology*, 457:208–214.

Luisetti, T., R.K. Turner, T. Jickells, J. Andrews, M. Elliott, M. Schaafsma, N. Beaumont, S. Malcolm, D. Burdon, C. Adams, W. Watts (2014). Coastal Zone Ecosystem Services: From science to values and decision making; a case study. *Science of the Total Environment* 493: 682–693.

Turner, K., Schaafsma, M., Elliott, M., Burdon, D., Atkins, J., Jickells, T., Tett, P., Mee, L., van Leeuwen, S., Barnard, S., Luisetti, T., Paltriguera, L., Palmieri, G., & Andrews, J. (2014). UK National Ecosystem Assessment Follow-on. Work Package Report 4: Coastal and marine ecosystem services: principles and practice. UNEP-WCMC, LWEC, UK.

UK National Ecosystem Assessment (2014). The UK National Ecosystem Assessment: Synthesis of the Key Findings. UNEP-WCMC, LWEC, UK.

2015

Atkins, J.P., Burdon, D. & Elliott, M., (2015). Chapter 5: Identification of a practicable set of indicators for coastal and marine ecosystem services. In: Turner, R.K. & Schaafsma, M. (Eds.) *Coastal zones ecosystem services: from science to values and decision making*. Springer Ecological Economic Series, Springer Internat. Publ. Switzerland, ISBN 978-3-319-17213-2; p79-102.

Barnard, S and M Elliott (2015). The 10-tenets of adaptive management and sustainability - applying an holistic framework for understanding and managing the socio-ecological system. *Environmental Science & Policy*, 51: 181-191.

Boyes, S.J. & Elliott, M (2015). The excessive complexity of national marine governance systems - has this decreased in England since the introduction of the Marine and Coastal Access Act 2009? *Marine Policy*, 51: 57-65 doi: 10.1016/j.marpol.2014.07.019.

Bullock, RW, Guttridge, TL, Cowx, IG, Elliott, M and Gruber, SH (2015). Behaviour and recovery of juvenile lemon sharks (*Negaprion brevirostris*) in response to external accelerometer tag attachment. *J Fish Biology*, 87: 1342-1354.

Cabral, H, Marques, J.C., Guilhermino, L., de Jonge, V.N., Elliott M (Eds) (2015). Coastal systems under change: Tuning assessment and management Tools. *Estuarine, Coastal and Shelf Science* 167 (2015) 1-3.

Cormier, R., Kannen, A., Elliott, M., and Hall. P. 2015. Marine Spatial Planning Quality Management System. ICES Cooperative Research Report No. 327. 106 pp.,

<http://www.ices.dk/sites/pub/Publication%20Reports/Cooperative%20Research%20Report%20%28CRR%29/crr327/Marine%20Spatial%20Planning%20Quality%20Management%20System%20CRR%20327.pdf>

Duarte, CM, Borja, A, Carstensen, J, Elliott, M, Krause-Jensen, D, Marbà, N (2015; electronic 2013). Paradigms in the Recovery of Estuarine and Coastal Ecosystems. *Estuaries and Coasts*, 38(4): 1202-1212. DOI 10.1007/s12237-013-9750-9

Elliott, M (2015). A typology for hazards and risks as vectors of change and the implications for integrated coastal management. *Proceedings of the OUGS (Open University Geological Society)* 1 2015, 35–42, © OUGS ISSN 2058-5209.

Elliott, M and Wolanski, E (2015). Editorial - Climate change impacts on rural poverty in low-elevation coastal zones, Edward B. Barbier. *Estuarine, Coastal and Shelf Science* 165 (2015) ii-iii.

Elliott, M., Borja, Á., McQuatters-Gollop, A., Mazik, K., Birchenough, S., Andersen, J.H., Painting, S., Peck, M., (2015). *Force majeure: will climate change affect our ability to attain Good Environmental Status for marine biodiversity?* *Marine Pollution Bulletin*, 95: 7-27; doi:10.1016/j.marpolbul.2015.03.015

Franco, A, Quintino V, Elliott M (2015). Benthic monitoring and sampling design and effort to detect spatial changes: a case study using data from offshore wind farm sites. *Ecological Indicators*, 57: 298-304.

Lonsdale, J, Weston, K, Barnard, S, Boyes, SJ, Elliott, M (2015). Integrating Management Tools and Concepts to Develop an Estuarine Planning Support System: A case study of the Humber Estuary, Eastern England. *Marine Pollution Bulletin*, 100(1): 393-405, <http://dx.doi.org/10.1016/j.marpolbul.2015.08.017>.

Luisetti, T., Jickells, T., Andrews, J., Elliott, M., Malcolm, S., Schaafsma, M., Turner, R.K., Adams, C., Beaumont, N., Watts, W. & Burdon, D., (2015). Chapter 11: What future for the English coastline? A case study exploring managed realignment benefits. In: Turner, R.K. & Schaafsma, M. (Eds.) *Coastal zones ecosystem services: from science to values and decision making*. Springer Ecological Economic Series, Springer Internat. Publ. Switzerland, ISBN 978-3-319-17213-2; p207-218.

Potter, IC, J.R. Tweedley, M. Elliott, A.K. Whitfield (2015). Guilds representing the different ways fish use estuaries: a refinement and expansion. *Fish and Fisheries*, 16(2): 230-239.

Ramos, S, Cabral, H, Elliott, M (2015). Do fish larvae have advantages over adults and other components for assessing estuarine ecological quality? *Ecological Indicators*, 55: 74-85.

Roberts, L, Cheesman, S, Breithaupt, T, & Elliott, M, (2015) Sensitivity of the mussel *Mytilus edulis* to substrate-borne vibration in relation to anthropogenically-generated noise. *Marine Ecology Progress Series*, 538: 185-195.

Smyth, K., Christie, N., Burdon, D., Atkins, J.P., Barnes, R. & Elliott, M. (2015). Renewables-to-Reefs? - Decommissioning options for the offshore wind power industry. *Marine Pollution Bulletin* 90: 247-258.

Smyth, K., Burdon, D., Atkins, J., Barnes, R., & Elliott, M. (2015). Renewables-to-reefs: Response to Fowler et al. *Marine Pollution Bulletin*, 98(1-2), 372-374. <https://doi.org/10.1016/j.marpolbul.2015.07.065>

Souza, I da C, LD Rocha, M Morozesk, MM Bonomo, HP Arrivabene, ID Duarte, LM Furlan, MV Monferran, K Mazik, M Elliott, ST Matsumoto, CRD Milanez, DA Wunderlin, MN Fernandes (2015). Changes in bioaccumulation and translocation patterns between root and leaves of *Avicennia schaueri* as an adaptive response to different levels of metals in mangrove system. *Marine Pollution Bulletin*, 94(1-2): 176-184.

Strong, J.A., Andonegi, E., Bizsel, K.C., Danovaro, R., Elliott, M., Franco, A., Garces, E., Little, S., Mazik, K., Moncheva, S., Papadopoulou, N., Patrício, J., Queirós, A.M., Smith, C., Stefanova, K. and Solaun, O. (2015). Marine biodiversity and ecosystem function relationships: the potential for practical monitoring applications. *Estuarine, Coastal and Shelf Science*. 161: 46-64.

Turner, R.K., Mee, L., Elliott, M., Schaafsma, M., Burdon, D., Atkins, J.P., Saunders, J., Potts, T., Jickells, T., Beaumont, N. & Bee, E., (2015). Chapter 2: Conceptual framework. In: Turner, R.K. & Schaafsma, M. (Eds.) *Coastal zones ecosystem services: from science to values and decision making*. Springer Ecological Economic Series, Springer Internat. Publ. Switzerland, ISBN 978-3-319-17213-2; p11-40.

Wolanski, E, Elliott M (2015). *Estuarine Ecohydrology: an introduction*. Elsevier, Amsterdam; ISBN 978-0-444-63398-9, p322.

Amorim, E, Ramos, S, Elliott, M, Bordalo, AA (2016). Immigration and early life stages recruitment of the European flounder (*Platichthys flesus*) to an estuarine nursery: the influence of environmental factors. *Journal of Sea Research*, 107(1): 56-66.

Borja, A, Elliott, M, Andersen, JH, Berg, T, Carstensen, J, Halpern, BS, Heiskanen, A-S, Korpinen, S, Lowndes, JSS, Martin, G, Rodriguez-Ezpeleta, N (2016). Integrative assessment of marine systems: the Ecosystem Approach in practice. *Frontiers in Marine Science* March 2016 Volume 3 Article 20, doi: 10.3389/fmars.2016.00020.

Borja A, Elliott M, Snelgrove PVR, Austen MC, Berg T, Cochrane S, Carstensen J, Danovaro R, Greenstreet S, Heiskanen A-S, Lynam CP, Mea M, Newton A, Patrício J, Uusitalo L, Uyarra MC and Wilson C (2016) Bridging the gap between policy and science in assessing the health status of marine ecosystems. *Frontiers in Marine Science*. 3:175. doi: 10.3389/fmars.2016.00175

Borja, A., Elliott, M., Uyarra, M. C., Carstensen, J., Mea, M., (Eds.) (2016). Bridging the Gap Between Policy and Science in Assessing the Health Status of Marine Ecosystems. Lausanne: Frontiers Media. doi: 10.3389/978-2-88945-004-6; pp293. Downloaded from <http://journal.frontiersin.org/researchtopic/4637/bridging-the-gap-between-policy-and-science-in-assessing-the-health-status-of-marine-ecosystems>

Boyes, SJ, Elliott, M (2016). Viewpoint: Brexit: the marine governance horrendogram just got more horrendous! *Marine Pollution Bulletin*, 111: 41-44. doi: 10.1016/j.marpolbul.2016.08.020

Boyes, SJ, Elliott, M, Murillas-Maza, A., Papadopoulou, N, & Uyarra, MC (2016). Is existing legislation fit-for-purpose to achieve Good Environmental Status in European seas? *Marine Pollution Bulletin* 111 : 18-32. <http://dx.doi.org/10.1016/j.marpolbul.2016.06.079>

Cavallo, M, Elliott, M, Touza-Montero, J, Quintino, V (2016). The ability of regional coordination and policy integration to produce coherent marine management: implementing the Marine Strategy Framework Directive in the North-East Atlantic. *Marine Policy*, 68: 108-116. <https://doi.org/10.1016/j.marpol.2016.02.013>

Cochrane SKJ, Andersen JH, Berg T, Blanchet H, Borja A, Carstensen J, Elliott M, Hummel H, Niquil N and Renaud PE (2016) What Is Marine Biodiversity? Towards Common Concepts and Their Implications for Assessing Biodiversity Status. *Front. Mar. Sci.* 3:248. doi: 10.3389/fmars.2016.00248

DEVOTES – project video October 2016 - See <https://www.youtube.com/watch?v=-pW7uH6MMQk>

Elliott, M., Mander, L., Mazik, K., Simenstad, C., Valesini, F., Whitfield, A., Wolanski, E., (2016). Ecoengineering with Ecohydrology: successes and failures in estuarine restoration. *Estuarine, Coastal and Shelf Science* 176: 12-35, doi: 10.1016/j.ecss.2016.04.003.

Fang, Q. & Elliott, M., (2016). Avoid misuse of eco-compensation. Correspondence, 19th May 2016, Nature, 533: 321.

Grant, D. & Elliott, M. (2016). A proposed framework for managing environmental causes and consequences of ocean traffic and ports. European Decision Sciences Institute (EDSI2016), 7th Annual Conference: The Water Footprint in Decision Sciences, Helsinki May 24-27 2016, Conference Proceedings, Aalto University School of Business, p 204-217, ISBN 978-952-60-1102-8.

Hallett, C.S., Valesini, F.J., Elliott, M. (2016). A review of Australian approaches for monitoring, assessing and reporting estuarine condition: I. International context and evaluation criteria. *Environmental Science and Policy*, 66: 260-269. doi:10.1016/j.envsci.2016.07.014.

Hallett, C.S., Valesini, F.J., Elliott, M. (2016). A review of Australian approaches for monitoring, assessing and reporting estuarine condition: III. Evaluation against international best practice and recommendations for the future. *Environmental Science and Policy*, 66: 282-291. doi:10.1016/j.envsci.2016.07.015.

Newton A and Elliott M (2016) A Typology of Stakeholders and Guidelines for Engagement in Transdisciplinary, Participatory Processes. *Front. Mar. Sci.* 3:230. doi: 10.3389/fmars.2016.00230

Patrício, J., Little S., Mazik, K., Papadopoulou, K-N., Smith, C.J., Teixera, H., Hoffman, H., Uyarra, M.C., Solaun, O., Zenetos, A., Kaboglu, G., Kryvenko, O., Churilova, T., Moncheva, S., Bucas, M., Borja, A., Hoepffner, N., Elliott, M (2016). European marine biodiversity monitoring networks: strengths, weaknesses, opportunities and threats. *Front. Mar. Sci.* 3:161. doi: 10.3389/fmars.2016.00161

- Patrício J., Elliott M., Mazik K., Papadopoulou K.-N. and Smith C.J. (2016) DPSIR—Two decades of trying to develop a unifying framework for marine environmental management? *Front. Mar. Sci.* 3:177. doi: 10.3389/fmars.2016.00177
- Roberts, L., Cheesman, S., Elliott, M., Breithaupt, T. (2016). Sensitivity of *Pagurus bernhardus* (L.) to substrate-borne vibration and anthropogenic noise. *Journal of Experimental Biology & Ecology*, 474: 185-194.
- Roberts, L., Pérez-Domínguez, R., and Elliott, M. (2016). Use of baited remote underwater video (BRUV) and motion analysis for studying the impacts of underwater noise upon free ranging fish and implications for marine energy management. *Marine Pollution Bulletin*, 112 (1-2): 75-85.
- Saul, R., Barnes, R., Elliott, M. (2016). Is climate change an unforeseen, irresistible and external factor – a *force majeure* in marine environmental law? *Marine Pollution Bulletin* 113 (1-2): 25-35.
- Scharin, H., Ericsson, S., Elliott, M., Turner, R.K., Niiranen, S., Rockström, J., Blenckner, T., Hyttiäinen, K., Ahlvik, L., Heini Ahtainen, H., Artell, J., Hasselström, L., Söderqvist, T. (2016). Processes for the sustainable stewardship of marine environments. *Ecological Economics*. 128: 55-67.
<https://doi.org/10.1016/j.ecolecon.2016.04.010>
- Smith, C.J., Papadopoulou, K-N., Barnard, S., Mazik, K., Elliott, M., Patrício, J., Solaun, O., Little, S., Bhatia, N., Borja, A. (2016). Managing the Marine Environment, Conceptual Models and Assessment: Considerations for the European Marine Strategy Framework Directive. *Frontiers in Marine Science*, 3:144. doi: 10.3389/fmars.2016.00144
- Smyth, K., Elliott M, (2016). Chapter 9: Effects of changing salinity on the ecology of the marine environment. In Solan, M and N Whiteley (Eds). Stressors in the marine environment: physiological and ecological responses: societal implications. P161-174. OUP, Oxford, Hardback ISBN 9780198718826.
- ## 2017
- Amorim, E., Ramos, S., Elliott, M., Franco, A., Bordalo, A.A. (2017) Habitat loss and gain: influence on habitat attractiveness for estuarine fish communities. *Estuarine Coastal and Shelf Science*, 197: 244-257.
- Borja, A., Elliott, M., Uyarra, MC, Carstensen, J., Mea, M (2017). Editorial: Bridging the Gap Between Policy and Science in Assessing the Health Status of Marine Ecosystems. *Frontiers in Marine Science* 4:32 doi: 10.3389/fmars.2017.00032
- Borja, A., Elliott, M., Uyarra, M. C., Carstensen, J., Mea, M., eds. (2017). Bridging the Gap Between Policy and Science in Assessing the Health Status of Marine Ecosystems, 2nd Edition. Lausanne: Frontiers Media. doi: 10.3389/978-2-88945-126-5; pp548; downloaded from
<http://www.frontiersin.org/books/Bridging%20the%20Gap%20Between%20Policy%20and%20Science%20in%20Assessing%20the%20Health%20Status%20of%20Marine%20Ecosystems%202nd/1151>
- Cavallo, M., Elliott, M., Touza, J., Quintino, V. 2017. Benefits and impediments for the integrated and coordinated management of European seas. *Marine Policy*, 86: 206-213. <https://doi.org/10.1016/j.marpol.2017.09.035>
- Collinson, J.M., Dufour, P., Hamza, A.A., Lawrie, Y., Elliott, M., Barlow, C., and Crochet, P.-A. (2017). When morphology is not reflected by molecular phylogeny: the case of three 'orange-billed terns' *Thalasseus maximus*, *T. bergii* and *T. bengalensis* (Charadriiformes: Laridae). *Biological Journal of the Linnean Society*, 121: 439-445. DOI: <https://doi.org/10.1093/biolinnean/blw049>
- Cormier, R., Elliott, M. (2017). SMART marine goals, targets and management – is SDG 14 operational or aspirational, is 'Life Below Water' sinking or swimming? *Marine Pollution Bulletin* 123: 28-33; <https://doi.org/10.1016/j.marpolbul.2017.07.060>.
- Elliott, M., Burdon, D., Atkins, J.P., Borja, A., Cormier, R., de Jonge, V.N., and Turner, R.K. (2017). "And DPSIR begat DAPSI(W)R(M)" - a unifying framework for marine environmental management. *Marine Pollution Bulletin*, 118 (1-2): 27-40. <http://dx.doi.org/10.1016/j.marpolbul.2017.03.049>
- Elliott, M., Snoeijs-Leijonmalm, P., Barnard, S., (2017). Editorial - 'The Dissemination Diamond' and paradoxes of science-to-science and science-to-policy communication: lessons from large marine research programmes. *Marine Pollution Bulletin* 125: 1-3.

- Grant, D.B. and Elliott, M. (2017). Investigating practitioner interest in a maritime environmental causes and consequences framework. Proceedings of the 22nd Annual Logistics Research Network (LRN) Conference, Southampton Solent University, September 2017, e-proceedings, 50-57, ISBN 9781904564539.
- Hamza, A., Baccetti, N., Sultana, J., Yahia, J., Zantello, M., de Faveri, A., Cutts, N., Borg, J., Azafzaf, H., Defos du Rau, P., Bourass, E., Etayeb, K., Elliott M (2017; 2016 publ on-line). Quantifying the intra-continental (north to West African) migration flyway of the Lesser Crested Tern *Thalasseus bengalensis* emigrates. *Ostrich: Journal of African Ornithology*, 88(1): 53-58. [doi:10.2989/00306525.2016.1231139](https://doi.org/10.2989/00306525.2016.1231139).
- Little, S., Wood, P.J., Elliott, M. (2017). Quantifying salinity-induced changes on estuarine benthic fauna: The potential implications of climate change. *Estuarine, Coastal and Shelf Science*, 198, Part B: 610-625. <https://doi.org/10.1016/j.ecss.2016.07.020>
- Little, S., Spencer, K.L., Schuttelaars, H.M., Millward, G.E., Elliott, M. 2017. Unbounded boundaries and shifting baselines: Estuaries and coastal seas in a rapidly changing world. *Estuarine, Coastal and Shelf Science* 198, 311-319.
- Lonsdale, J., Weston, K., Elliott, M., Blake, S., Edwards, R. (2017). The Amended European Environmental Impact Assessment Directive: UK Marine Experience and Recommendations. *Ocean and Coastal Management*, 148: 131-142.
- Ma, D., Zhang, L., Fang, Q., Jiang, Y., Elliott, M. (2017). The cumulative effects assessment of coastal ecological restoration: an integrative approach. *Marine Pollution Bulletin* 118 (1-2): 254-260, <http://dx.doi.org/10.1016/j.marpolbul.2017.02.043>.
- Roberts, L., Harding, H.R., Voellmy, I., Bruintjes, R., Simpson, S.D., Radford, A.N., Breithaupt, T., Elliott M., (2017). Exposure of benthic invertebrates to sediment vibration: from laboratory experiments to outdoor simulated pile-driving. In: Fourth International Conference on the Effects of Noise on Aquatic Life, Dublin, Ireland, 10-16 July, 2016. Proceedings of Meetings on Acoustics, Vol. 27. 2017 Acoustical Society of America [DOI: 10.1121/2.0000324] Proceedings of Meetings on Acoustics, Vol. 27, 010029 (2017).
- Roberts, L., Elliott, M., (2017). Good or bad vibrations? Impacts of anthropogenic vibration on the marine epibenthos. *Science of the Total Environment*, 595: 255-268.
- Snoeijs-Leijonmalm, P., Barnard, S., Elliott, M., Andrusaitis, A., Kononen, K., Sirola, M. (2017). Towards better integration of environmental science in society: lessons from BONUS, the joint Baltic Sea environmental research and development programme. *Environmental Science & Policy*, 78: 193-209.
- Strong, J.A. and M. Elliott (2017). The value of remote sensing techniques in supporting effective extrapolation across multiple marine spatial scales. *Marine Pollution Bulletin*, 116: 405-419.
- ## 2018
- Amorim, A., Ramos, S., Elliott, M., Bordalo, A.A. (2018) Dynamic habitat use of an estuarine nursery seascape: ontogenetic shifts in habitat suitability of the European flounder (*Platichthys flesus*). *Journal of Experimental Marine Biology and Ecology* 506: 49-60.
- Austen, M.C., Crowe, T.P., Elliott, M., Paterson, D.M., Peck, M.A., Piraino, S., (Eds) (2018) Vectors of change in the marine environment. *Estuarine, Coastal and Shelf Science* 201: 1-256.
- Austen, M.C., Crowe, T.P., Elliott, M., Paterson, D.M., Peck, M.A., Piraino, S., (2018) VECTORS of change in the marine environment: Ecosystem and economic impacts and management implications. *Estuarine, Coastal and Shelf Science* 201 (2018) 1-6.
- Benedetti-Cecchi, L., Crowe, T., Boehme, L., Boero, F., Christensen, A., Grémare, A., Hernandez, F., Kromkamp, J. C., Nogueira García, E., Petihakis, G., Robidart, J., Sousa Pinto, I., and Zingone, A.: Strengthening Europe's Capability in Biological Ocean Observations, edited by: Muñiz Piniella, Á., Kellett, P., Larkin, K., and Heymans, J. J.; External Reviewers: Patricia Miloslavich and Michael Elliott; Future Science Brief 3 of the European Marine Board, Ostend, Belgium, 76 pp., ISBN 9789492043559 ISSN 2593-5232, 2018.
- Borja, A., Elliott, M (2018). There is no Planet B: a healthy Earth requires greater parity between space and marine research. *Marine Pollution Bulletin*, 130: 28-30.

- Brewster, L.R., J.J. Dale, T.L. Guttridge, S. H. Gruber, A.C. Hansell, M. Elliott, I. G. Cowx, N. M. Whitney, A. C. Gleiss (2018). Development and Application of a Machine Learning Algorithm for Classification of Elasmobranch Behaviour from Accelerometry Data. *Marine Biology* 165: 62 pp19.
- Burdon, D., Boyes, S.J., Elliott, M., Smyth, K., Atkins, J.P., Barnes, R.A. & Wurzel, R.K., (2018). Integrating natural and social marine science to sustainably manage vectors of change: Dogger Bank transnational case study. *Estuarine, Coastal and Shelf Science* 201: 234-247, <http://dx.doi.org/10.1016/j.ecss.2015.09.012>.
- Burdon, D., Barnard, S., Boyes, Elliott, M (2018). Oil and gas infrastructure decommissioning in marine protected areas: system complexity, analysis and challenges. *Marine Pollution Bulletin*, 135: 739-758.
- Cavallo, M, Elliott, M, Quintino, V, Touza, J. (2018) Can national management measures achieve good status across international boundaries? - a case study of the Bay of Biscay and Iberian coast sub-region. *Ocean and Coastal Management*, 160: 93-102.
- Cormier, R., Elliott, M., and Kannen, A. (2018). IEC/ISO Bow-tie analysis of marine legislation: A case study of the Marine Strategy Framework Directive. ICES Cooperative Research Report No. 342. 70 pp.
<https://doi.org/10.17895/ices.pub.4504>
[http://www.ices.dk/sites/pub/Publication%20Reports/Cooperative%20Research%20Report%20\(CRR\)/CRR342/CR_R342.pdf](http://www.ices.dk/sites/pub/Publication%20Reports/Cooperative%20Research%20Report%20(CRR)/CRR342/CR_R342.pdf)
- Cunha, J, Elliott, M, Ramos, S. (2018) Linking modelling and empirical data to assess recreation services provided by coastal habitats: The case of NW Portugal. *Ocean and Coastal Management*, 162: 60-70.
<https://doi.org/10.1016/j.ocecoaman.2017.12.022>
- Elliott, M., Boyes, S.J., Barnard, S., Borja, Á. (2018). Using best expert judgement to harmonise marine environmental status assessment and maritime spatial planning. *Marine Pollution Bulletin*, 133: 367-377.
- Gilby, B.L., Olds, A.D., Peterson, C.H., Connolly, R.M., Voss, C.M., Bishop, M.J., Elliott, M., Grabowski, J.H., Ortodossi, N.L., Schlacher, T.A. (2018) Maximising the benefits of oyster reef restoration for finfish and their fisheries. *Fish and Fisheries* 2018, 19(5): 931-947. <https://doi.org/10.1111/faf.12301>.
- Grant, D.B., Elliott, M. (2018) A proposed interdisciplinary framework for the environmental management of water and air-borne emissions in maritime logistics. *Ocean & Coastal Management*, 163: 162-172.
- Groeneveld, R.A., Bosello, F., Butenschön, M., Elliott, M., Peck, M.A., Pinnegar, J.K. (2018). Defining scenarios of future vectors of change in marine life and associated economic sectors. *Estuarine Coastal and Shelf Science* 201: 164-171. DOI: 10.1016/j.ecss.2015.10.020
- Lonsdale, J, Nicholson, R, Weston, K, Elliott, M, Birchenough, A, Sühring, R (2018) A user's guide to coping with estuarine management bureaucracy: An Estuarine Planning Support System (EPSS) tool. *Marine Pollution Bulletin* 127 (2018) 463–477.
- Souza, I. da C., Morozesk, M., Bonomo, M.M., Azevedo, V.C., Sakuragi, M.M., Elliott, M., Matsumoto, S.T., Wunderlin, D.A., Baroni, M.V., Monferrán, M.V., Fernandes, M.N. (2018) Differential biochemical responses to metal/metalloid accumulation in organs of an edible fish (*Centropomus parallelus*) from Neotropical estuaries. *Ecotoxicology and Environmental Safety*, 161: 260-269.
- Souza, I.C, Arrivabene, H.P., Craig, C-A., Midwood, A.J., Thornton, B., Matsumoto, S.T., Elliott, M., Wunderlin, D.A., Monferrán, M.V., Fernandes, M.N. (2018). Interrogating Pollution Sources in a Mangrove Food Web Using Multiple Stable Isotopes. *Science of the Total Environment*, 640-641: 501-511.
- ## 2019
- Borja, A, and M Elliott (2019). Editorial – So when will we have enough papers on microplastics and ocean litter? *Marine Pollution Bulletin*, 146: 312-316.
- Cavallo, M., Borja, A., Elliott, M., Quintino, V., Touza, J., (2019). Impediments to achieving integrated marine management across borders: the case of the EU Marine Strategy Framework Directive. *Marine Policy* 103: 68-73.
- Cormier, R., Elliott, M., Rice, J., (2019). Putting on a Bow-tie to sort out who does what and why in the complex arena of marine policy and management. *Science of the Total Environment*, 648: 293-305.
<https://doi.org/10.1016/j.scitotenv.2018.08.168>.

Dannheim, J., Degraer, S., Elliott, M., Smyth, K., Wilson, J.C. (2019). Chapter 4 - Seabed communities. Perrow, M. (Ed.) *Wildlife and Windfarms - Conflicts and Solutions, Volume 3: Offshore: Potential Effects*. Pelagic Publishing Ltd., p64-85, ISBN 978-1-78427-127-5.

Degraer S., V. Van Lancker, T.A.G.P. Van Dijk, S.N.R. Birchenough, B. De Witte, M. Elliott, S. Le Bot, H. Reiss, V. Stelzenmüller, S. Van Gaever, E. Balian, D. Cox, F. Hernandez, G. Lacroix, H. Lindeboom, J. Reubens, K. Soetaert (2019). Interdisciplinary science to support North Sea marine management: lessons learned and future demands. Hydrobiologia: North Sea Open Science Conference: <https://doi.org/10.1007/s10750-019-04109-9>; on line 2019.

Ducrotoy, J.-P., Elliott, M., Cutts, N.D., Franco. A., Little. S., Mazik. K., Wilkinson. M. (2019). Chapter 33 - Temperate Estuaries: their ecology under future environmental changes. In: Wolanski, E., Day, J.W., Elliott, M., Ramachandran, R. (Eds.), *Coasts and Estuaries: The Future*. Elsevier, Amsterdam, ISBN 978-0-12-814003-1, 577-594.

Elliott, M., Quintino, V.M. (2019). The Estuarine Quality Paradox Concept. *Encyclopaedia of Ecology*, 2nd Edition, (Editor-in-Chief B Fath), Elsevier, Amsterdam, Volume 1, p78-85; ISBN: 978-0-444-63768-0.
<https://doi.org/10.1016/B978-0-12-409548-9.11054-1>

Elliott. M., Day, J.W., Ramachandran, R., Wolanski, E. (2019). Chapter 1 - A Synthesis: What Future for Coasts, Estuaries, Deltas, and other Transitional Habitats in 2050 and Beyond? In: Wolanski, E., Day, J.W., Elliott, M., Ramachandran, R. (Eds.), *Coasts and Estuaries: The Future*. Elsevier, Amsterdam, ISBN 978-0-12-814003-1, p1-28.

Elliott, M., Boyes, S.J., Barnard, S., Borja Á. (2019). Erratum to “Using best expert judgement to harmonise marine environmental status assessment and maritime spatial planning” [Mar. Pollut. Bull. 133(2018) 367–377]. *Marine Pollution Bulletin* 139: 471-473, <https://doi.org/10.1016/j.marpolbul.2018.07.076>.

ICES. 2019. Working Group on Cumulative Effects Assessment Approaches in Management (WGCEAM). ICES Scientific Reports. 1:92. 23 pp. <http://doi.org/10.17895/ices.pub.5759>

Hummel, C., Poursanidis, D., Orenstein, D., Elliott, M., Adamescu, M.C., Cazacu, C., Ziv, G., Chrysoulakis, N., van der Meer, J., Hummel, H., (2019). Protected Area management: fusion and confusion with the Ecosystem Services approach. *Science of the Total Environment* 651: 2432-2443. <https://doi.org/10.1016/j.scitotenv.2018.10.033>

Souza, I.C, Mendes, V.A.S, Duarte, I.D., Rocha, L.D., Azevedo, V.C., Matsumoto, S.T., Elliott, M., Wunderlin, D.A., Monferrán, M.V., Fernandes, M.N. (2019). Nanoparticle transport and sequestration: intracellular titanium dioxide nanoparticles in a neotropical fish. *Science of the Total Environment*, 658: 798-808.

Waugh, A., Elliott, M., Franco, A. (2019). Debunking paradigms in estuarine fish species richness. *Marine Ecology Progress Series*, 613: 125-135, doi: <https://doi.org/10.3354/meps12883>.

Wolanski, E., Day, J.W., Elliott, M., Ramachandran, R. (Eds.) (2019). *Coasts and Estuaries: The Future*. Elsevier, Amsterdam, ISBN 978-0-12-814003-1, pp701.

2020

Boyes, S.J. and Elliott, M. (2020) Chapter 22 European Challenges to Coastal Management from Storm Surges: problem structuring framework and actors implicated in responses. In: Eds. Isabelle La Jeunesse and Corinne Larrue: Facing hydro-meteorological extremes events: a governance issue. John Wiley and Sons, Ltd, ISBN 1119383544, 9781119383543. First published: 16 September 2019, <https://doi.org/10.1002/9781119383567.ch22>

Dankers, N., Elliott, M., Essink, K., Jennerjahn, T., Schuttelaars, H., van Beusekom, J.E.E., 2020. OBITUARY - Victor Nico de Jonge (1944–2020) – Editor-in-Chief *Ocean & Coastal Management*, 2010–2020. *Ocean and Coastal Management* 194 (2020) 105308; <https://doi.org/10.1016/j.ocecoaman.2020.105308>

Elliott, M. and O'Higgins, T.G. 2020. From the DPSIR, the D(A)PSI(W)R(M) emerges... a butterfly. In: Ecosystem Based Management and Ecosystem Services: Theory, tools and practice. T.G., O'Higgins, M Lago & T.H. DeWitt (Eds.). Springer, Amsterdam. ISBN 978-3-030-45842-3, ISBN 978-3-030-45843-0 (eBook); <https://doi.org/10.1007/978-3-030-45843-0>; p61-86.

Elliott, M., Franco, A., Smyth, K. & Cormier, R. (2020). Industry and policy-driven conceptual frameworks of climate change impacts on aquaculture and fisheries. Deliverable 5.1, CERES Project, Report, pp 41+ Appendices. Accessed <https://www.ceresproject.eu>

Elliott, M., Borja, A., Cormier, R. (2020). Activity-footprints, pressures-footprints and effects-footprints – walking the pathway to determining and managing human impacts in the sea. *Marine Pollution Bulletin*, 155: 111201; <https://doi.org/10.1016/j.marpolbul.2020.111201>.

Elliott, M., Borja, A., Cormier, R. (2020). Managing marine resources sustainably: a proposed integrated systems analysis approach. *Ocean & Coastal Management*, 197, 105315, <https://doi.org/10.1016/j.ocecoaman.2020.105315>

Fanini, L., Defeo, O., Elliott, M. (2020) Advances in sandy beach research – local and global perspectives. *Estuarine Coastal & Shelf Science*, 234: 106646; <https://doi.org/10.1016/j.ecss.2020.106646>.

Lonsdale, J.-A., Nicholson, R., Judd, A., Elliott, M., Clarke, C. (2020). A novel approach for cumulative impacts assessment for marine spatial planning. *Environmental Science & Policy*, 106: 125-135.

Mendes, C., Ramos, S., Elliott, M., and Bordalo, A.A. (2020). Feeding strategies and body condition of juvenile European flounder *Platichthys flesus* in a nursery habitat. *Journal of the Marine Biological Association, UK*, 100(5): 795-806. DOI: <https://doi.org/10.1017/S0025315420000600>.

Peck, M.A., Catalán I.A., Damalas D., Elliott M., Ferreira J.G., Hamon K.G., Kamermans P., Kay S., Kreiß C.M., Pinngar J.K., Sailley S.F., Taylor N.G.H. (2020) Climate Change and European Fisheries and Aquaculture: 'CERES' Project Synthesis Report. Hamburg. DOI: 10.25592/uhhfdm.804 (Link: <https://www.fdr.uni-hamburg.de/record/804#.XrlUBi77RaQ>)

Waltham N.J., Elliott M., Lee S.Y., Lovelock C., Duarte C.M., Buelow C., Simenstad C., Nagelkerken I., Claassens L., Wen C.K.-C., Barletta M., Connolly R.M., Gillies C., Mitsch W.J., Ogburn M.B., Purandare J., Possingham H. and Sheaves M. (2020). UN Decade on Ecosystem Restoration 2021–2030—What Chance for Success in Restoring Coastal Ecosystems? *Front. Mar. Sci.* 7:71. doi: 10.3389/fmars.2020.00071; supplementary material: <https://www.frontiersin.org/articles/10.3389/fmars.2020.00071/full#supplementary-material>

2021

Cormier, R., Elliott, M., and Borja, A., (in press). Measuring Success: Indicators and targets for SDG 14. *Encyclopedia of the UN Sustainable Development Goals*, Editor-in-Chief: Walter Leal Filho, Springer (in press).

Defeo, O., Elliott, M., (2021). Editorial - The 'Triple Whammy' of coasts under threat – why we should be worried! *Marine Pollution Bulletin*, 163: 111832. <https://doi.org/10.1016/j.marpolbul.2020.111832>

Defeo, O., McLachlan, A., Armitage, D., Elliott, M., Pittman, J. (in press). Sandy beach social-ecological systems at risk: regime shifts, collapses and governance challenges. *Frontiers in Ecology and the Environment*, in press.

Dunstan, P., Calumpong, H., Celliers, L., Cummins, V., Elliott, M., Evans, K., Firth, A., Guichard, F., Hanich, Q., de Jesus, A.C., Hildago, M., Mohammed, E., Lozano-Montes, H.-M., Meek, C.L., Polette, M., Purandare, J., Smith, A., Strati, A., Vu, C.T. (2021). Chapter 27: Developments in management approaches. *World Oceans Assessment II*, United Nations, New York, Vol. II, 441-469. Downloaded from <https://www.un.org/regularprocess/woa2launch>

Elliott, M. (2021). Marine pollutants and contaminants: marine problems, solutions and the role of the UN Decade of Ocean Science for Sustainable Development. *environmental SCIENTIST* (Journal of the Institution of Environmental Scientists), March 2021 Issue - vol. 30 (1): 10-17.

Elliott, M., Able, K.W., Blaber, S.J.M., Whitfield, A.K. (in press). Chapter 13 Synthesis and Future Directions. In: *Fish and Fisheries in Estuaries – A Global Perspective* (ed., Whitfield, A.K., Able, K.W., Blaber, S.J.M. & Elliott, M.), pp. xx-xxx. John Wiley & Sons, Oxford, UK.

Elliott, M., Franco, A., Ramos, S., Hemingway, K.L., Marshall, S., (in press). Appendix II Study Methods 2 - Data Processing, Analysis and Interpretation. In: *Fish and Fisheries in Estuaries – A Global Perspective* (ed., Whitfield, A.K., Able, K.W., Blaber, S.J.M. & Elliott, M.), pp. xx-xxx. John Wiley & Sons, Oxford, UK.

Elliott, M., Houde, E.D., Lamberth, S.J., Lonsdale, J.-A., Tweedley, J.R., (in press). Chapter 12, Management of Fishes and Fisheries in Estuaries. In: *Fish and Fisheries in Estuaries – A Global Perspective* (ed., Whitfield, A.K., Able, K.W., Blaber, S.J.M. & Elliott, M.), pp. xx-xxx. John Wiley & Sons, Oxford, UK.

Franco, A., Elliott, M., Franzoi, P., Nunn, A., Häfling, B., Colclough, S., Young, M. (in press). Appendix 1 Study Methods I - Field Equipment, Sampling and Methods. In: *Fish and Fisheries in Estuaries – A Global Perspective* (ed., Whitfield, A.K., Able, K.W., Blaber, S.J.M. & Elliott, M.), pp. xx-xxx. John Wiley & Sons, Oxford, UK.

Lepage, M., Capderrey, C., Meire, P., Elliott, M. (in press). Chapter 8 Estuarine Degradation and Rehabilitation. In: Fish and Fisheries in Estuaries – A Global Perspective (ed., Whitfield, A.K., Able, K.W., Blaber, S.J.M. & Elliott, M.), pp. xx-xxx. John Wiley & Sons, Oxford, UK.

Lepage, M., Elliott, M., Capderrey, C., Cabral, H. (in press) Chapitre 6: La restauration écologique des estuaires : un enjeu majeur pour la protection des personnes et de lutte contre l'érosion de la biodiversité. En: Eds. D. Salles, G. Mainguy & C. De Godoy Leski. Changements globaux : les métropoles estuariennes au défi de l'anticipation Ouvrage collectif. Editeur sollicité : ISTE Collection Environnement

Rodrigues, S.M., Elliott, M., Almeida, C.M.R., Ramos, S., (2021) Microplastics and plankton: knowledge from laboratory and field studies to distinguish contamination from pollution. J. Hazardous Materials, 417: 126057, <https://doi.org/10.1016/j.hazmat.2021.126057>.

Sheppard, C., Elliott, M., Galgani, F., Hutchings, P., Morton, B., Richardson, B., Yang, G-P. (2021). Editorial - From what and to where? Celebrating the first 50 years of *Marine Pollution Bulletin*. Marine Pollution Bulletin, 162: 111897, <https://doi.org/10.1016/j.marpolbul.2020.111897>

Sheppard, C., Elliott, M., Richardson, B., Hutchings, P., Shin, P.K.S., Wu, R.S.S. (in press). Editorial: Brian Morton, PhD, DSc, OBE, JP (1942–2021): Celebrating the life of our most prolific contributor. Marine Pollution Bulletin (in press) <https://doi.org/10.1016/j.marpolbul.2021.112482>

Souza, I.C, Morozesk, M., Azevedo, V.C., Mendes, V.A.S, Duarte, I.D., Rocha, L.D., Matsumoto, S.T., Elliott, M., Baroni, M.V., Wunderlin, D.A., Monferrán, M.V., Fernandes, M.N. (2021). Trophic transfer of emerging metallic contaminants in a neotropical mangrove ecosystem food web. J. Hazardous Materials, 405: 124424, <https://doi.org/10.1016/j.hazmat.2020.124424>

Souza, I.C., Morozesk, M., Dornfeld, A.S.M., Mendes, V.A.S., Azevedo, V.C., Matsumoto, S.T., Elliott, M., Monferrán, N.V., Wunderlin, D.A., Fernandes, M.N. (2021). Atmospheric particulate matter as a source of metal nanoparticles contamination in aquatic ecosystems. Science of the Total Environment 753: 20 January 2021, 141976, <https://doi.org/10.1016/j.scitotenv.2020.141976>

Souza, I.C, Arrivabene, H.P., Azevedo, V.C., Duarte, I.D., Rocha, L.D., Matsumoto, S.T., Franco, A., Elliott, M., Wunderlin, D.A., Monferrán, M.V., Fernandes, M.N. (2021). Different trophodynamics between two proximate estuaries with differing degrees of pollution. Science of the Total Environment, 770:20 May 2021, 144651; <https://doi.org/10.1016/j.scitotenv.2020.144651>

Whitfield, A.K., Able, K.W., Blaber, S.J.M. & Elliott, M. (in press). Fish and Fisheries in Estuaries – A Global Perspective (ed.,), pp. xxx. John Wiley & Sons, Oxford, UK.

Whitfield, A.K., Able, K.W., Blaber, S.J.M., Elliott, M., (in press). Chapter 1 Introduction. In: Fish and Fisheries in Estuaries – A Global Perspective (ed., Whitfield, A.K., Able, K.W., Blaber, S.J.M. & Elliott, M.), pp. xx-xxx. John Wiley & Sons, Oxford, UK.

Whitfield, A.K., Able, K.W., Blaber, S.J.M., Elliott, M., Franco, A., Harrison, T.D., Houde, E.D. (in press). Chapter 5 Feeding Ecology and Trophic Dynamics. In: Fish and Fisheries in Estuaries – A Global Perspective (ed., Whitfield, A.K., Able, K.W., Blaber, S.J.M. & Elliott, M.), pp. xx-xxx. John Wiley & Sons, Oxford, UK.

Whitfield, A.K., Elliott, M., Blaber, S.J.M., Harrison, T.D., Tweedley, J.R., Franco, A. & Potter, I.C. (in press). Chapter 2. Fish assemblages and functional groups. In: Fish and Fisheries in Estuaries – A Global Perspective (ed., Whitfield, A.K., Able, K.W., Blaber, S.J.M. & Elliott, M.), pp. xx-xx. John Wiley & Sons, Oxford, UK.