

Supplementary Material – ID 1708

Table: List of papers analyzed in the bibliometric review

ID	Title	Authors	Year of Publication	Journal
1	The coasts of our world: Ecological, economic and social importance	Martínez, M. L.; Intralawan, A.; Vázquez, G.; Pérez-Maqueo, O.; Sutton, P.; Landgrave, R.	2007	Ecologic Economics
2	Managing for cumulative impacts in ecosystem-based management through ocean zoning	Halpern, B. S.; McLeod, K. L.; Rosenberg, A. A.; Crowder, L. B.	2008	Ocean & Coastal Management
3	An ex ante ecological economic assessment of the benefits arising from marine protected areas designation in the UK	Hussain, S. S.; Winrow-Giffin, A.; Moran, D.; Robinson, L. A.; Fofana, A.; Paramor, O. A. L.; Frid, C. L. J.	2010	Ecologic Economics
4	Conceptualizing the link between marine ecosystem services and human well-being: the case of offshore wind farming	Busch, M.; Gee, K.; Burkhard, B.; Lange, M.; Stelljes, N.	2011	International Journal of Biodiversity Science, Ecosystem Services & Management
5	Quantification of interdependencies between economic systems and ecosystem services: An input–output model applied to the Seine estuary	Cordier, M.; Pérez Agúndez, J. A.; O'Connor, M.; Rochette, S.; Hecq, W.	2011	Ecologic Economics
6	Ecosystem-based marine spatial management: Review of concepts, policies, tools, and critical issues	Katsanevakis, S.; Stelzenmüller, V.; South, A.; Sørensen, T. K.; Jones, P. J. S.; Kerr, S.; Badalamenti, F.; Anagnostou, C.; Breen, P.; Chust, G.; D'Anna, G.; Duijn, M.; Filatova, T.; Fiorentino, F.; Hulsman, H.; Johnson, K.; Karageorgis, A. P.; Kröncke, I.; Mirto, S.; Pipitone, C.; Portelli, S.; Qiu, W.; Reiss, H.; Sakellariou, D.; Salomidi, M.; Hoof, L. V.; Vassilopoulou, V.; Fernández, T. V.; Vöge, S.; Webern, A.; Zenetosa, A.; Hofstede, R. T.	2011	Ocean & Coastal Management
7	Contrasting perspectives on mangroves in arid Northwestern Mexico: Implications for integrated coastal management	López-Medellín, X.; Castillo, A.; Ezcurra, E.	2011	Ocean & Coastal Management

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8	Bridging the marine–terrestrial disconnect to improve marine coastal zone science and management	Ruttenberg, B. I.; Granek, E. F.	2011	Marine Ecology Progress Series
9	Natural Capital: Illuminating the True Value of Nature’s Services through Community-Engaged, Site-Specific Creative Production and Exhibition	Borek, S. V.	2013	Sustainability
10	Integrating Ecosystem Service Values into Oil Spill Impact Assessment	Depellegrin, D.; Blazauskas, N.	2013	Journal of Coastal Research
11	Hypoxia	Diaz, R. J.; Eriksson-Haugg, E.; Rosenberg, R.	2013	Managing Ocean Environments in a Changing Climate
12	A Global Map of Coastal Recreation Values: results from a spatially explicit meta-analysis	Ghermandi, A.; Nunes, P. A. L. D.	2013	SSRN Electronic Journal
13	Synergies and tradeoffs in how managers, scientists, and fishers value coral reef ecosystem services	Hucks, C. C.; Graham, N. A. J.; Cinner, J. E.	2013	Global Environmental Change
14	Marine ecosystem services in urban areas: Do the strategic documents of Polish coastal municipalities reflect their importance?	Piwowarczyk, J.; Kronenberg, J.; Dereñiowska, M. A.	2013	Landscape and Urban Planning
15	Spatially explicit economic assessment of cultural ecosystem services: Non-extractive recreational uses of the coastal environment related to marine biodiversity	Ruiz-Frau, A.; Hinz, H.; Edwards-Jones, G.; Kaiser, M.J.	2013	Marine Policy
16	Valuing conservation benefits of an offshore marine protected area	Börger, T.; Hattam, C.; Burdon, D.; Atkins, J. P.; Austen, M. C.	2014	Ecological Economics
17	The seagrass <i>Posidonia oceanica</i> : Ecosystem services identification and economic evaluation of goods and benefits	Campagne, C. S.; Salles, J.; Boissery, P.; Deter, J.	2014	Marine Pollution Bulletin

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18	Towards marine ecosystem based management in South Florida: Investigating the connections among ecosystem pressures, states, and services in a complex coastal system	Cook, G. S.; Fletcher, P. J.; Kelble, C. R.	2014	Ecological Indicators
19	What value São Pedro's procession? Ecosystem services from local people's perceptions	Oliveira, L. E. C.; Berkes, F.	2014	Ecological Economics
20	Evaluation of recreational quality, carrying capacity and ecosystem services supplied by sandy beaches of the municipality of Camaçari, northern coast of Bahia, Brazil	Souza Filho, J. R.; Santos, R. C.; Silva, I. R.; Elliff, C. I.	2014	Journal of Coastal Research
21	Adapting international conservation strategies to local context: perceptions of biodiversity values and management responsibility in two Mediterranean deltas	Ernoul, L.; Wardell-Johnson, A.	2014	International Journal of Biodiversity Science, Ecosystem Services & Management
22	The consequences of doing nothing: The effects of seawater flooding on coastal zones	Hoggart, S. P. G.; Hanley, M. E.; Parker, D. J.; Simmonds, D. J.; Bilton, D. T.; Filipova-Marinova, M.; Franklin, E. L.; Kotsev, I.; Penning-Rowsell, E. C.; Rundle, S. D.; Trifonova, E.; Vergiev, S.; White, A. C.; Thompson, R. C.	2014	Coastal Engineering
23	Provision of ecosystem services by human-made structures in a highly impacted estuary	Layman, C. A.; Jud, Z. R.; Archer, S. K.; Riera, D.	2014	Environmental Research
24	Examining the Impacts of Tidal Energy Capture from an Ecosystem Services Perspective	Leslie, H. M.; Palmer, M.	2014	Marine Technology Society Journal
25	The human dimensions of coastal ecosystem services: Managing for social values	Loomis, D. K.; Paterson, S. K.	2014	Ecological Indicators
26	A global ocean observing system framework for sustainable development	Malone, T. C.; DiGiacomo, P. M.; Gonçalves, E.; Knap, A. H.; Talaue-McManus, L.; Mora, S.	2014	Marine Policy

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27	Do marine protected areas deliver flows of ecosystem services to support human welfare?	Potts, T.; Burdon, D.; Jackson, E.; Atkins, J.; Saunders, J.; Hastings, E.; Langmead, O.	2014	Marine Policy
28	Incorporating expert knowledge for development spatial modeling in assessing ecosystem services provided by coral reefs: A tool for decision-making	Reyna-González, P. C.; Bello-Pineda, J.; Ortíz-Lozano, L.; Pérez-España, H.; Arceo, P.; Brenner, J.	2014	Revista de Biología Marina y Oceanografía
29	A proposed ecosystem-based management system for marine waters: linking the theory of environmental policy to the practice of environmental management	Sardà, R.; O'Higgins, T.; Cormier, R.; Diedrich, A.; Tintoré, J.	2014	Ecology and Society
30	Rapid prioritization of marine ecosystem services and ecosystem indicators	Werner, S. R.; Spurgeon, J. P. G.; Isaksen, G. H.; Smith, J. P.; Springer, N. K.; Gettleton, D. A.; N'Guessan, L.; Dupont, J. M.	2014	Marine Policy
31	Reaping the reef: Provisioning services from coral reefs in Solomon Islands	Albert, J. A.; Olds, A. D.; Albert, S.; Cruz-Trinidad, A.; Schwarz, A. M.	2015	Marine Policy
32	Embedding ecosystem services in coastal planning leads to better outcomes for people and nature	Arkema, K. K.; Verutes, G. M.; Wood, S. A.; Clarke-Samuels, C.; Rosado, S.; Canto, M.; Rosenthal, A.; Ruckelshaus, M.; Guannel, G.; Toft, J.; Faries, J.; Silver, J. M.; Griffin, R.; Guerry, A. D.	2015	PNAS
33	The ecosystem service approach and its application as a tool for integrated coastal management	Elliff, C. I.; Kikuchi, R. K. P.	2015	Brazilian Journal of Nature Conservation
34	Information Needs Assessment for Coastal and Marine Management and Policy: Ecosystem Services Under Changing Climatic, Land Use, and Demographic Conditions	Goldsmith, K. A.; Granek, E. F.; Lubittow, A.	2015	Environmental Management

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35	Resolving conflicts in public health protection and ecosystem service provision at designated bathing waters	Quilliam, R. S.; Kinzelman, J.; Brunner, J.; Oliver, D. M.	2015	Journal of Environmental Management
36	Historical and contemporary cultural ecosystem service values in the rapidly urbanizing city state of Singapore	Thiagarajah, J.; Wong, S. K. M.; Richards, D. R.; Friess, D. A.	2015	AMBIO
37	Integrating ecosystem services into conservation strategies for freshwater and marine habitats: a review	Boulton, A. J.; Ekebon, J.; Gíslason, G. M.	2016	Aquatic Conservation: Marine and Freshwater Ecosystem
38	Marine Spatial Planning advancing the Ecosystem-Based Approach to coastal zone management: A review	Domínguez-Tejo, E.; Metternicht, G.; Johnston, E.; Hedge, L.	2016	Marine Policy
39	Ecosystem services and their benefits as coastal protection in highly urbanized environments	Guisado-Pintado, E.; Navas, F.; Malvárez, G.	2016	Journal of Coastal Research
40	How the DPSIR framework can be used for structuring problems and facilitating empirical research in coastal systems	Lewis, R. L.; Rudd, M. A.; Al-Hayek, W.; Baldwin, C.; Beger, M.; Lieske, S. N.; Jones, C.; Satumanatpan, S.; Junchompo, C.; Hines, E.	2016	Environmental Science & Policy
41	A systematic quantitative review of coastal and marine cultural ecosystem services: Current status and future research	Martin, C. L.; Momtaz, S.; Gaston, T.; Moltschaniwskyj, N. A.	2016	Marine Policy
42	Economic valuation of coral reef ecosystem service of coastal protection: A pragmatic approach	Pascal, N.; Allenbach, M.; Brathwaite, A.; Burke, L.; Le Port, G.; Clua, E.	2016	Ecosystem Services
43	Who cares? European attitudes towards marine and coastal environments	Potts, T.; Pita, C.; O'Higgins, T.; Mee, L.	2016	Marine Policy
44	Ecosystem-Based Knowledge and Management as a tool for Integrated Coastal and Ocean Management:	Scherer, M. E. G.; Asmus, M. L.	2016	Journal of Coastal Research

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45	Ecological Security and Ecosystem Services in Response to Land Use Change in the Coastal Area of Jiangsu, China	Xu, C.; Pu, L.; Zhu, M.; Li, J.; Chen, X.; Wang, X.; Xie, X.	2016	Sustainability
46	Practical application of the Ecosystem Service Approach (ESA): lessons learned and recommendations for the future	Beaumont, N. J.; Mongruel, R.; Hooper, T.	2017	International Journal of Biodiversity Science, Ecosystem Services & Management
47	Integrating stakeholder perceptions and preferences on ecosystem services in the management of coastal areas	Juan, S.; Gelcich, S.; Fernandez, M.	2017	Ocean & Coastal Management
48	When ecosystems and their services are not co-located: oceans and coasts	Drakou, E. G.; Pendleton, L.; Effron, M.; Ingram, J. C.; Teneva, L.	2017	ICES Journal of Marine Science
49	Ecosystem Services to Enhance Coastal Resilience in Mexico: The Gap between the Perceptions of Decision-Makers and Academics	Lithgow, D.; Martínez, M. L.; Silva, R.; Geneletti, D.; Gallego-Fernández, J. B.; Cerdán, C. R.; Mendoza, E.; Jermain, A.	2017	Journal of Coastal Research
50	Challenges for the conservation of marine small natural features	Lundquist, C. J.; Bulmer, R. H.; Clark, M. R.; Hillman, J. R.; Nelson, W. A.; Norrie, C. R.; Rowden, A. A.; Tracey, D. M.; Hewitt, J. E.	2017	Biological Conservation
51	Mechanisms and risk of cumulative impacts to coastal ecosystem services: An expert elicitation approach	Singh, G. G.; Sinner, J.; Ellis, J.; Kandlikar, M.; Halpern, B. S.; Satterfield, T.; Chan, K. M. A.	2017	Journal of Environmental Management
52	Communicating research on the economic valuation of coastal and marine ecosystem services	Torres, C.; Hanley, N.	2017	Marine Policy
53	Evaluation of coastal and marine ecosystem services of Mayotte: Indirect use values of coral reefs and associated ecosystems	Trégarot, E.; Failler, P.; Maréchal, J. P.	2017	International Journal of Biodiversity Science, Ecosystem Services & Management

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54	Land Use/Land Cover Change Modeling and the Prediction of Subsequent Changes in Ecosystem Service Values in a Coastal Area of China, the Su-Xi-Chang Region	Yirsaw, E.; We, W.; Shi, X.; Temesgen, H.; Bekele, B.	2017	Sustainability
55	Simple para ser útil: base ecossistêmica para o gerenciamento costeiro	Asmus, M. L.; Nicolodi, J.; Scherer, M. E. G.; Gianuca, K.; Costa, J. C.; Goersch, L.; Hallal, G.; Victor, K. D.; Ferreira, W. L. S.; Riberira, J. N. A.; Pereira, C. R.; Barreto, B. T.; Torma, L. F.; Souza, B. B. G.; Mascarello, M.; Villwock, V.	2018	Desenvolvimento e Meio Ambiente
56	Ecological-economic assessment of the effects of freshwater flow in the Florida Everglades on recreational fisheries	Brown, C. E.; Bhat, M. G.; Rehage, J. S.; Mirchi, A.; Boucek, R.; Engel, V.; Ault, J. S.; Mozumder, P.; Watkins, D.; Sukop, M.	2018	Science of the Total Environment
57	Use and usefulness of open source spatial databases for the assessment and management of European coastal and marine ecosystem services	Caro, C.; Pinto, R.; Marques, J. C.	2018	Ecological Indicators
58	Who Manages Space? Eco-DRR and the Local Community	Dalimunthe, S. A.	2018	Sustainability
59	Using people's perceptions of ecosystem services to guide modeling and management efforts	Elwell, T. L.; Gelcich, S.; Gaines, S. D.; López-Carr, D.	2018	Science of the Total Environment
60	Linking people to coastal habitats: A meta-analysis of final ecosystem goods and services on the coast	Littles, C. J.; Jackson, C. A.; DeWitt, T. H.; Harwell, M. C.	2018	Ocean and Coastal Management
61	A user's guide to coping with estuarine management bureaucracy: An Estuarine Planning Support System (EPSS) tool	Lonsdale, J.; Nicholson, R.; Weston, K.; Elliott, M.; Birchenough, A.; Sühling, R.	2018	Marine Pollution Bulletin

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62	Integrating Cultural Ecosystem Services in an Ecosystem Satellite Account: A Case Study in the Gulf of Saint-Malo (France)	Christophe, M. J.; Remi, M.; Harold, L.	2018	Ecological Economics
63	Developing a framework to quantify potential Sea level rise-driven environmental losses: A case study in Semarang coastal area, Indonesia	Mehvar, S.; Filatova, T.; Syukri, I.; Dastgheib, A.; Ranasinghe, R.	2018	Environmental Science and Policy
64	Impact of climate and land use change on ecosystem service: A case study of Samutsakorn province, Thailand	Monprapussorn, S.	2018	Ecological Informatics
65	The recovery of estuarine quality and the perceived increase of cultural ecosystem services by beach users: A case study from northern Spain	Pouso, S.; Uyarra, M. C.; Borja, A.	2018	Journal of Environmental Management
66	Defining the qualitative elements of Aichi Biodiversity Target 11 with regard to the marine and coastal environment in order to strengthen global efforts for marine biodiversity conservation outlined in the United Nations Sustainable Development Goal 14	Rees, S. E.; Foster, N. L.; Langmead, O.; Pittman, S.; Johnson, D. E.	2018	Marine Policy
67	Ecosystem services' mapping in data-poor coastal areas: Which are the monitoring priorities?	Rova, S.; Pastres, R.; Zucchetta, M.; Pranovi, F.	2018	Ocean and Coastal Management
68	Scenario planning including ecosystem services for a coastal region in South Australia	Sandhu, H.; Clarke, B.; Baring, R.; Anderson, S.; Fisk, C.; Dittmann, S.; Walker, S.; Sutton, P.; Kubiszewski, I.; Constanza, R.	2018	Ecosystem Services

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69	Harmful algal blooms: the impacts on cultural ecosystem services and human well-being in a case study setting, Cornwall, UK	Willis, C.; Papathanasopoulou, E.; Russell, D.; Artioli, Y.	2018	Marine Policy
70	Cultural ecosystem services provided by the Baltic Sea marine environment	Ahtiainen, H.; Liski, E.; Pouta, E.; Soini, K.; Bertram, C.; Rehdanz, K.; Pakalnite, K.; Meyerhof, J.	2019	Ambio
71	The risk to lose ecosystem services due to climate change: A South American case	Asmus, M. L.; Nicolodi, J.; Anello, L. S.; Gianuca, K.	2019	Ecological Engineering
72	From ecological relevance of the ecosystem services concept to its sociopolitical use. The case study of intertidal bare mudflats in the MarennesOléron Bay, France	Lebreton, B.; Rivaud, A.; Picot, L.; Prévost, B.; Barillé, L.; Sauzeau, T.; Pollack, J. B.; Lavaud, J.	2019	Ocean and Coastal Management
73	How people value different ecosystems within the Great Barrier Reef	Marshall, N. A.; Dunstan, P.; Pert, P.; Thiault, L.	2019	Journal of Environmental Management
74	A practical framework of quantifying climate change-driven environmental losses (QuantiCEL) in coastal areas in developing countries	Mehvar, S.; Dastgheib, A.; Filatova, T.; Ranasinghe, R.	2019	Environmental Science and Policy
75	A wider view of assessments of ecosystem services in coastal areas: the perspective of social-ecological complexity	Solé, L.; Ariza, E.	2019	Ecology and Society
76	Sewing a blue patchwork: An analysis of marine policies implementation in the Southeast of Brazil	Stori, F. T.; Shinoda, D. C.; Turra, A.	2019	Ocean and Coastal Management
77	Ecosystem services provided by a non-cultured shellfish species: The common cockle <i>Cerastoderma edule</i>	Carss, D. N.; Brito, A. C.; Chainho, P.; Ciutat, A.; Montaudouin, X.; Otero, R. M. F.; Filgueira, M. I.; Garbutt, A.; Goedknecht, M. A.; Lynch, S. A.; Mahony, K. E.; Maire, O.; Malham, S. K.; Orvain, F.; Olivier, A. V. D. S.; Jones, L.	2020	Marine Environmental Research

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78	Ocean and coastal indicators: understanding and coping with climate change at the land-sea interface	Clay, P. M.; Howard, J.; Busch, D. S.; Colburn, L. L.; Himes-Cornell, A.; Rumrill, S. S.; Zador, S. G.; Griffis, R. B.	2020	Climatic Change
79	Circles of Coastal Sustainability: A Framework for Coastal Management	Alencar, N. M. P.; Le Tissier, M.; Paterson, S. K.; Newton, A.	2020	Sustainability
80	Multiple trait dimensions mediate stress gradient effects on plant biomass allocation, with implications for coastal ecosystem services	De Battisti, D.; Fowler, M. S.; Jenkins, S. R.; Skov, M. W.; Bouma, T. J.; Neyland, P. J.; Griffin, J. N.	2020	Journal of Ecology
81	Global change—Local values: Assessing tradeoffs for coastal ecosystem services in the face of sea level rise	Hindsley, P.; Yoskowitz, D.	2020	Global Environmental Change
82	The role of microphytobenthos in soft-sediment ecological networks and their contribution to the delivery of multiple ecosystem services.	Hope, J. A.; Paterson, D. M.; Thrush, S. F.	2020	Journal of Ecology
83	The ecosystem service of property protection and exposure to environmental stressors in the Gulf of Mexico	Jackson, C. A.; Schmutz, P.; Harwell, M. C.; Littles, C. J.	2020	Ocean and Coastal Management
84	A Stepwise Approach to Beach Restoration at Calambaia Beach	Maiolo, M.; Mel, R. A. Sinopole, S.	2020	Water
85	Linking Land and Sea Through an Ecological-Economic Model of Coral Reef Recreation	Oleson, K. L. L.; Bagstad, K. J.; Fezzi, C.; Barnes, M. D.; Donovan, M. K.; Falinski, K. A.; Gorospe, K. D.; Htun, H.; Lecky, J.; Villa, F.; Wong, T. M.	2020	Ecological Economics
86	Valuing marine ecosystem service damage caused by land reclamation: Insights from a deliberative choice experiment in Ji-aozhou Bay	Shan, J.; Li, J.	2020	Marine Policy

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87	Development of a comprehensive assessment model for coral reef island carrying capacity (CORECC)	Chen, M.; Su, F.; Cheng, F.; Zhang, Y.; Wang, Z.	2020	Scientific Reports
88	Applying the ecosystem services - EBM framework to sustainably manage Qatar's coral reefs and sea-grass bed	Fanning, L. M.; Al-Naimi, M. N.; Range, P.; Ali, A. S. M.; Bouwmeester, J.; Al-Jamali, F.; Burtf, J.; Ben-Hamadou, R.	2021	Ocean and Coastal Management
89	Linking ecosystem services and human health in coastal urban planning by DPSIWR framework	Araujo, A. C. P. S.; Santos, D. S.; Lins-De-Barros, F.; Hacon, S. S.	2021	Ocean and Coastal Management
90	Participatory Geographic Information Systems (PGIS): Alternative approaches to identify potential conflicts and positional accuracy in marine and coastal ecosystem services	Silva, C. V.; Oritgão, M.; Willaert, T.; Rosa, R.; Nunes, L. C.; Cunha-e-Sá, M. A.	2021	Marine Policy
91	Application of the Ocean Health Index to assess ecosystem health for the coastal areas of Shanghai, China	Wu, Z.; Chen, R.; Meadows, M. E.; Liu, X.	2021	Ecological Indicators