

Supplementary Information

Table 1: Table of accepted articles for review with initial search identification, location in land-sea interface, and type of article

Article number	Title	Year	Reference	Identified in	Location in land-sea interface	Type of article
1	Disentangling global market drivers for cephalopods to foster transformations towards sustainable seafood systems	2023	Ainsworth, G. B., Pita, P., Garcia Rodrigues, J., Pita, C., Roumbedakis, K., Fonseca, T., ... & Villasante, S. (2023). Disentangling global market drivers for cephalopods to foster transformations towards sustainable seafood systems. <i>People Nat.</i> 5 (2), 508–528.	Marine	Marine	Tool for change / Case study
2	Hydropowering sustainability transformation: policy frames on river use and restoration in Finland	2023	Albrecht, E., Lukkarinen, J., Hakkarainen, M., & Soininen, N. (2023). Hydropowering sustainability transformation: policy frames on river use and restoration in Finland. <i>Fennia-International Journal of Geography</i> , 201(1), 47-64.	Watershed	Water	Case study
3	Participation and marginalization in water governance: probing the agency of powerholders	2022	Aleu, R. B., Larsen, R. K., & Methner, N. (2022). Participation and marginalization in water governance: probing the agency of powerholders. <i>Ecology and Society</i> , 27(4).	Catchment	Water	Tool for change / Case study
4	Cyber-physical systems in water management and governance	2023	Alexandra, C., Daniell, K. A., Guillaume, J., Saraswat, C., & Feldman, H. R. (2023). Cyber-physical systems in water management and governance. <i>Current Opinion in Environmental Sustainability</i> , 62, 101290.	Coast	Water	Tool for change
5	Towards a cooperative governance. Lessons learned from the only Italian “River, Lake, and Coastal” Contract	2023	Altamore, S., & De Leo, D. (2023). Towards a cooperative governance. Lessons learned from the only Italian “River, Lake, and Coastal” Contract. <i>City, Territory and Architecture</i> , 10(1), 19.	Coast	Water	Case study
6	Building blocks for social-ecological transformations: Identifying and building on governance successes for small-scale fisheries	2018	Andrachuk, M., Armitage, D., Hoang, H. D., & Van Le, N. (2018). Building blocks for social-ecological transformations. <i>Ecology and Society</i> , 23(2).	Coast	Coast	Case study
7	Sustaining transformations: changing marine governance, environmental meaning, and ‘left behind’ Brexit	2023	Antonova, A. S. (2023). Sustaining transformations: changing marine governance, environmental meaning, and ‘left behind’ Brexit narratives on the Yorkshire East Coast. <i>Maritime Studies</i> , 22(1), 2.	Marine	Marine	Case study

	narratives on the Yorkshire East Coast					
8	Communities, multi-level networks and governance transformations in the coastal commons	2017	Armitage, D., Alexander, S., Andrachuk, M., Berdej, S., Brown, S., Nayak, P., ... & Rathwell, K. (2017). Communities, multi-level networks and governance transformations in the coastal commons. In <i>Governing the coastal commons</i> (pp. 231-251). Routledge.	Coast	Coast	Case study
9	Early-stage transformation of coastal marine governance in Vietnam?	2011	Armitage, D., Marschke, M., & Van Tuyen, T. (2011). Early-stage transformation of coastal marine governance in Vietnam?. <i>Marine Policy</i> , 35(5), 703-711.	Coast	Marine	Case study
10	Oceanian Sovereignty: Rethinking conservation in a sea of islands	2021	Bambridge, T., d'Arcy, P., & Mawyer, A. (2021). Oceanian sovereignty: Rethinking conservation in a sea of islands. <i>Pacific Conservation Biology</i> , 27(4), 345-353.	Ocean	Ocean	Tool for change / Case study
11	Understanding transformations in the marine coastal realm: The explanatory potential of theories of institutional change	2023	Banikoi, H., Schlüter, A., & Manlosa, A. O. (2023). Understanding transformations in the marine coastal realm: The explanatory potential of theories of institutional change. <i>Marine Policy</i> , 155, 105791.	Marine	Marine and coastal	Tool for change
12	Anticipating and transforming futures: a literature review on transdisciplinary coastal research in the Global South	2023	Baumann, L., Riechers, M., Celliers, L., & Ferse, S. C. (2023). Anticipating and transforming futures: a literature review on transdisciplinary coastal research in the Global South. <i>Ecosystems and People</i> , 19(1), 2288957.	Coast	Coast	Tool for change
13	Assessing the performance of a participatory governance transformation in small-scale fisheries: A case study from Uruguay	2024	Bausero-Jorcin, S., Gelcich, S., Gianelli, I., Jorge-Romero, G., Lezama, C., & Defeo, O. (2024). Assessing the performance of a participatory governance transformation in small-scale fisheries: A case study from Uruguay. <i>Marine Policy</i> , 160, 105964.	Coast	Coast	Case study
14	Just transformations to sustainability	2019	Bennett, N. J., Blythe, J., Cisneros-Montemayor, A. M., Singh, G. G., & Sumaila, U. R. (2019). Just transformations to sustainability. <i>Sustainability</i> , 11(14), 3881.	Marine	Marine	Tool for change / Case study
15	Blue growth and blue justice: Ten risks and solutions for the ocean economy	2021	Bennett, N. J., Blythe, J., White, C. S., & Campero, C. (2021). Blue growth and blue justice: Ten risks and solutions for the ocean economy. <i>Marine Policy</i> , 125, 104387.	Blue	Blue	Call for change
16	Conditions and Cautions for Transforming Ocean Governance	2020	Blythe, J., Armitage, D., Bennett, N., Silver, J. J., & Song, A. M. (2021). Conditions and cautions for transforming ocean governance. <i>Water Resilience: Management and Governance in Times of Change</i> , 241-261.	Ocean	Ocean	Case study

17	The Politics of Ocean Governance Transformations	2021	Blythe, J. L., Armitage, D., Bennett, N. J., Silver, J. J., & Song, A. M. (2021). The politics of ocean governance transformations. <i>Frontiers in Marine Science</i> , 8, 634718.	Ocean	Ocean	Case study
18	Risk Management and Adaptation for Extremes and Abrupt Changes in Climate and Oceans: Current Knowledge Gaps	2022	Bouwer, L. M., Cheong, S. M., Jacot Des Combes, H., Frölicher, T. L., McInnes, K. L., Ratter, B. M., & Rivera-Arriaga, E. (2022). Risk management and adaptation for extremes and abrupt changes in climate and oceans: Current knowledge gaps. <i>Frontiers in Climate</i> , 3, 785641.	Ocean	Ocean	Call for change
19	Perspectives on building climate resilience via marine and coastal management from the governance frontline in Victoria, Australia	2022	Boxshall, A. (2022). Perspectives on building climate resilience via marine and coastal management from the governance frontline in Victoria, Australia. <i>Ocean & Coastal Management</i> , 228, 106291.	Marine	Marine and coastal	Case study
20	Actors working the institutions in sustainability transitions: The case of Melbourne's stormwater management	2013	Brown, R. R., Farrelly, M. A., & Loorbach, D. A. (2013). Actors working the institutions in sustainability transitions: The case of Melbourne's stormwater management. <i>Global Environmental Change</i> , 23(4), 701-718.	Watershed	Water	Tool for change / Case study
21	Transforming the governance of small-scale fisheries	2018	Chuenpagdee, R., & Jentoft, S. (2018). Transforming the governance of small-scale fisheries. <i>Maritime studies</i> , 17(1), 101-115.	Marine	Marine	Tool for change / Case study
22	A sea change on the African coast? Preliminary social and ecological outcomes of a governance transformation in Kenyan fisheries	2015	Cinner, J. E., & McClanahan, T. R. (2015). A sea change on the African coast? Preliminary social and ecological outcomes of a governance transformation in Kenyan fisheries. <i>Global Environmental Change</i> , 30, 133-139.	Marine	Marine	Case study
23	A comparison of Brazilian, North American, and English water supply regulation models	2022	de Oliveira Leite, M. C., Felipe, E. S., Fogaça, M., & Maher, R. (2022). A comparison of Brazilian, North American, and English water supply regulation models. <i>Groundwater for Sustainable Development</i> , 18, 100748.	Watershed	Water	Case study
24	How resilience is framed matters for governance of coastal social-ecological systems	2024	Clement, S., Jozaei, J., Mitchell, M., Allen, C. R., & Garmestani, A. S. (2024). How resilience is framed matters for governance of coastal social-ecological systems. <i>Environmental policy and governance</i> , 34(1), 65-76.	Coast	Coast	Tool for change / Case study
25	Avoiding Implementation Failure in Catchment Landscapes: A Case Study in Governance of the Great Barrier Reef	2018	Dale, A. P., Vella, K., Gooch, M., Potts, R., Pressey, R. L., Brodie, J., & Eberhard, R. (2018). Avoiding implementation failure in catchment landscapes: a case study in governance of the	Catchment	Catchment	Case study

			Great Barrier Reef. Environmental management, 62, 70-81.			
26	Evolutions in estuary governance? Reflections and lessons from Australia, France and New Caledonia	2020	Daniell, K. A., Plant, R., Pilbeam, V., Sabinot, C., Paget, N., Astles, K., ... & White, I. (2020). Evolutions in estuary governance? Reflections and lessons from Australia, France and New Caledonia. <i>Marine Policy</i> , 112, 103704.	Catchment	Estuary	Case study
27	Bogs, birds, and berries in belarus: The governance and management dynamics of wetland restoration in a state-centric, top-down context	2021	Dawson, L., Elbakidze, M., Schellens, M., Shkaruba, A., & Angelstam, P. K. (2021). Bogs, birds, and berries in Belarus: The governance and management dynamics of wetland restoration in a state-centric, top-down context. <i>Ecology and Society</i> , 26(1).	Watershed	Wetlands	Case study
28	Where there is no history: How to create trust and connection in learning for transformation in water governance	2017	De Vries, J. R., Van Bommel, S., Blackmore, C., & Asano, Y. (2017). Where there is no history: How to create trust and connection in learning for transformation in water governance. <i>Water</i> , 9(2), 130.	Catchment	Water	Tool for change / Case study
29	European environmental governance and the post-ecology perspective: a critical analysis of the Water Framework Directive	2022	Di Quarto, F., & Zinzani, A. (2022). European environmental governance and the post-ecology perspective: a critical analysis of the Water Framework Directive. <i>GeoJournal</i> , 87(4), 2849-2861.	Catchment	Water	Case study
30	Indigenous nations at the confluence: water governance networks and system transformation in the Klamath Basin	2022	Diver, S., Eitzel, M. V., Brown, M., Hazel, A., Reed, R., & Fricke, S. (2022). Indigenous nations at the confluence: water governance networks and system transformation in the Klamath Basin. <i>Ecology and Society</i> , 27(4).	Watershed	Water	Case study
31	"What now, fishgate?": scandal, marae moana, and nation making in the cook Islands	2018	Durbin, T. J. (2018). "What Now, Fishgate?" Scandal, Marae Moana, and Nation Making in the Cook Islands. <i>the contemporary pacific</i> , 1-31.	Ocean	Ocean	Case study
32	A Conceptual Framework for Social, Behavioral, and Environmental Change through Stakeholder Engagement in Water Resource Management	2021	Eaton, W. M., Brasier, K. J., Burbach, M. E., Whitmer, W., Engle, E. W., Burnham, M., ... & Weigle, J. (2021). A conceptual framework for social, behavioral, and environmental change through stakeholder engagement in water resource management. <i>Society & Natural Resources</i> , 34(8), 1111-1132.	Watershed	Water	Tool for change
33	Is 'hope' helpful or a hinderance? Implications for coastal governance	2024	Elrick-Barr, C. E., Smith, T. F., & Thomsen, D. C. (2024). Is 'hope' helpful or a hinderance? Implications for coastal governance. <i>Ocean & Coastal Management</i> , 248, 106953.	Coast	Coast	Tool for change / Case study

34	Governance innovations in the coastal zone: Towards social-ecological resilience	2024	Elrick-Barr, C. E., Thomsen, D. C., & Smith, T. F. (2024). Governance innovations in the coastal zone: Towards social-ecological resilience. <i>Environmental Science & Policy</i> , 153, 103687.	Coast	Coast	Tool for change / Case study
35	Assessing Procedural Justice in the Administration of Small-Scale Benthic Fisheries in Chile	2021	Estévez, R. A., Jerez, G., & Gelcich, S. (2021). Assessing procedural justice in the administration of small-scale benthic fisheries in Chile. <i>Frontiers in Marine Science</i> , 8, 636120.	Ocean	Marine	Case study
36	Radical and incremental, a multi-leverage point approach to transformation in ocean governance	2024	Evans, T., Fletcher, S., Failler, P., Fletcher, R., & Potts, J. (2024). Radical and incremental, a multi-leverage point approach to transformation in ocean governance. <i>Sustainability Science</i> , 19(4), 1243-1258.	Ocean	Ocean	Guidance for transformation
37	Untangling theories of transformation: Reflections for ocean governance	2023	Evans, T., Fletcher, S., Failler, P., & Potts, J. (2023). Untangling theories of transformation: Reflections for ocean governance. <i>Marine Policy</i> , 155, 105710.	Ocean	Ocean	Tool for change
38	A water-function-based framework for understanding and governing water resilience in the Anthropocene	2021	Falkenmark, M., & Wang-Erlandsson, L. (2021). A water-function-based framework for understanding and governing water resilience in the Anthropocene. <i>One Earth</i> , 4(2), 213-225.	Catchment	Water	Tool for change
39	A diagnostic procedure for transformative change based on transitions, resilience, and institutional thinking	2013	Ferguson, B. C., Brown, R. R., & Deletic, A. (2013). A diagnostic procedure for transformative change based on transitions, resilience, and institutional thinking. <i>Ecology and Society</i> , 18(4).	Watershed	Water	Tool for change
40	Water governance in England: Improving understandings and practices through systemic co-inquiry	2016	Foster, N., Collins, K., Ison, R., & Blackmore, C. (2016). Water governance in England: Improving understandings and practices through systemic co-inquiry. <i>Water</i> , 8(11), 540.	Catchment	Water	Tool for change / Case study
41	Making the UN Ocean Decade work? The potential for, and challenges of, transdisciplinary research and real-world laboratories for building towards ocean solutions	2023	Franke, A., Peters, K., Hinkel, J., Hornidge, A. K., Schlüter, A., Zielinski, O., ... & Hillebrand, H. (2023). Making the UN Ocean Decade work? The potential for, and challenges of, transdisciplinary research and real-world laboratories for building towards ocean solutions. <i>People and Nature</i> , 5(1), 21-33.	Ocean	Ocean	Tool for change
42	Navigating transformations in governance of Chilean marine coastal resources	2010	Gelcich, S., Hughes, T. P., Olsson, P., Folke, C., Defeo, O., Fernández, M., ... & Castilla, J. C. (2010). Navigating transformations in governance of Chilean marine coastal resources. <i>Proceedings of the National Academy of Sciences</i> , 107(39), 16794-16799.	Marine	Marine and coastal	Case study

43	Comanagement of small-scale fisheries and ecosystem services	2019	Gelcich, S., Martínez-Harms, M. J., Tapia-Lewin, S., Vasquez-Lavin, F., & Ruano-Chamorro, C. (2019). Comanagement of small-scale fisheries and ecosystem services. <i>Conservation Letters</i> , 12(2), e12637.	Marine	Marine	Case study
44	Early assessments of marine governance transformations: Insights and recommendations for implementing new fisheries management regimes	2019	Gelcich, S., Reyes-Mendy, F., & Rios, M. A. (2019). Early assessments of marine governance transformations. <i>Ecology and Society</i> , 24(1).	Marine	Marine	Tool for change / Case study
45	Crafting a sustainability transition experiment for the Brazilian blue economy	2020	Gerhardinger, L. C., de Andrade, M. M., Corrêa, M. R., & Turra, A. (2020). Crafting a sustainability transition experiment for the Brazilian blue economy. <i>Marine Policy</i> , 120, 104157.	Blue	Ocean	Tool for change / Case study
46	Healing Brazil's Blue Amazon: The role of knowledge networks in nurturing cross-scale transformations at the frontlines of ocean sustainability	2018	Gerhardinger, L. C., Gorris, P., Gonçalves, L. R., Herbst, D. F., Vila-Nova, D. A., De Carvalho, F. G., ... & Glavovic, B. C. (2018). Healing Brazil's Blue Amazon: The role of knowledge networks in nurturing cross-scale transformations at the frontlines of ocean sustainability. <i>Frontiers in Marine Science</i> , 4, 395.	Ocean	Ocean	Case study
47	Envisioning ocean governability transformations through network-based marine spatial planning	2022	Gerhardinger, L. C., Holzkämper, E., de Andrade, M. M., Corrêa, M. R., & Turra, A. (2022). Envisioning ocean governability transformations through network-based marine spatial planning. <i>Maritime Studies</i> , 1-22.	Ocean	Ocean	Tool for change
48	Harnessing scientific and local knowledge to face climate change in small-scale fisheries	2021	Gianelli, I., Ortega, L., Pittman, J., Vasconcellos, M., & Defeo, O. (2021). Harnessing scientific and local knowledge to face climate change in small-scale fisheries. <i>Global Environmental Change</i> , 68, 102253.	Ocean	Ocean	Tool for change / Case study
49	Towards a framework to support coastal change governance in small islands	2018	Glaser, M., Breckwoldt, A., Carruthers, T. J., Forbes, D. L., Costanzo, S., Kelsey, H., ... & Stead, S. (2018). Towards a framework to support coastal change governance in small islands. <i>Environmental Conservation</i> , 45(3), 227-237.	Coast	Coast	Tool for change / Case study
50	Coastal innovation imperative	2013	Glavovic, B. C. (2013). Coastal innovation imperative. <i>Sustainability</i> , 5(3), 934-954.	Coast	Coast	Tool for change
51	Community participation: exploring legitimacy in socio-ecological systems for environmental water governance	2019	Godden, L., & Ison, R. (2019). Community participation: exploring legitimacy in socio-ecological systems for environmental water governance. <i>Australasian Journal of Water Resources</i> , 23(1), 45-57.	Watershed	Water	Tool for change / Case study

52	An endless endeavor: The evolution and challenges of multi-level coastal governance in the global south	2021	Gonçalves, L. R., Gerhardinger, L. C., Polette, M., & Turra, A. (2021). An endless endeavor: the evolution and challenges of multi-level coastal governance in the global south. <i>Sustainability</i> , 13(18), 10413.	Coast	Coast	Case study
53	The messy intertidal zone: Transformation of governance thinking for coastal Nova Scotia	2017	Graham, J., & Charles, A. (2017). The messy intertidal zone: Transformation of governance thinking for coastal Nova Scotia. In <i>Governing the Coastal Commons</i> (pp. 211-230). Routledge.	Coast	Coast	Case study
54	Participatory water governance between theories and practices: learning from a community-based initiative in India	2019	Grassini, L. (2019). Participatory water governance between theories and practices: learning from a community-based initiative in India. <i>International Journal of Water Resources Development</i> , 35(3), 404-429.	Catchment	Water	Tool for change / Case study
55	Regime shifts and panarchies in regional scale social-ecological water systems	2017	Gunderson, L., Cosens, B. A., Chaffin, B. C., Arnold, C. A. T., Fremier, A. K., Garmestani, A. S., ... & Llewellyn, D. (2017). Regime shifts and panarchies in regional scale social-ecological water systems. <i>Ecology and society: a journal of integrative science for resilience and sustainability</i> , 22(1), 1.	Watershed	Water	Tool for change / Case study
56	A methodological framework to support the initiation, design and institutionalization of participatory modeling processes in water resources management	2018	Halbe, J., Pahl-Wostl, C., & Adamowski, J. (2018). A methodological framework to support the initiation, design and institutionalization of participatory modeling processes in water resources management. <i>Journal of Hydrology</i> , 556, 701-716.	Watershed	Water	Tool for change / Case study
57	Linking User-Perception Diversity on Ecosystems Services to the Inception of Coastal Governance Regime Transformation	2020	Herbst, D. F., Gerhardinger, L. C., & Hanazaki, N. (2020). Linking user-perception diversity on ecosystems services to the inception of coastal governance regime transformation. <i>Frontiers in Marine Science</i> , 7, 83.	Coast	Coast	Tool for change / Case study
58	Integrated and deliberative multidimensional assessment of a subtropical coastal-marine ecosystem (Babitonga bay, Brazil)	2020	Herbst, D. F., Gerhardinger, L. C., Vila-Nova, D. A., de Carvalho, F. G., & Hanazaki, N. (2020). Integrated and deliberative multidimensional assessment of a subtropical coastal-marine ecosystem (Babitonga bay, Brazil). <i>Ocean & Coastal Management</i> , 196, 105279.	Marine	Coast	Tool for change / Case study
59	Sustainability transformations: socio-political shocks as opportunities for governance transitions	2020	Herrfahrdt-Pähle, E., Schlüter, M., Olsson, P., Folke, C., Gelcich, S., & Pahl-Wostl, C. (2020). Sustainability transformations: socio-political shocks as opportunities for governance transitions. <i>Global Environmental Change</i> , 63, 102097.	Catchment	Water	Case study

60	Adaptation science' is needed to inform the sustainable management of the world's oceans in the face of climate change	2022	Hidalgo, M., Bartolino, V., Coll, M., Hunsicker, M. E., Travers-Trolet, M., & Browman, H. I. (2022). 'Adaptation science'is needed to inform the sustainable management of the world's oceans in the face of climate change. <i>ICES Journal of Marine Science</i> , 79(2), 457-462.	Marine	Ocean	Tool for change
61	Designing transdisciplinarity for transformative ocean governance	2023	Hills, J. M., & Maharaj, P. N. (2023). Designing transdisciplinarity for transformative ocean governance. <i>Frontiers in Marine Science</i> , 10, 1075759.	Ocean	Ocean	Tool for change / Case study
62	"Liberating" social knowledges for water management, and more broadly environmental management, through "place-change planning"	2012	Hindmarsh, R. (2012). Liberating" social knowledges for water management, and more broadly environmental management, through "place-change planning. <i>Local Environment</i> , 17(10), 1121-1136.	Catchment	Water	Tool for change
63	Resilience, transition or transformation? A comparative analysis of changing water governance systems in four southern cities	2014	Hordijk, M., Sara, L. M., & Sutherland, C. (2014). Resilience, transition or transformation? A comparative analysis of changing water governance systems in four southern cities. <i>Environment and Urbanization</i> , 26(1), 130-146.	Catchment	Water	Case study
64	Collaborative water management through revitalizing social power relationships: a social network analysis of Qanat stakeholders in Iran	2024	Islami, I., Azadi, H., Flores Díaz, A. C., & Sarvi Sadrabad, H. (2024). Collaborative water management through revitalizing social power relationships: a social network analysis of Qanat stakeholders in Iran. <i>Irrigation Science</i> , 42(1), 135-148.	Watershed	Water	Tool for change / Case study
65	Transforming European water governance? Participation and river basin management under the EU water framework directive in 13 member states	2016	Jager, N. W., Challies, E., Kochskämper, E., Newig, J., Benson, D., Blackstock, K., ... & Von Korff, Y. (2016). Transforming European water governance? Participation and river basin management under the EU Water Framework Directive in 13 member states. <i>Water</i> , 8(4), 156.	Catchment	River basin	Case study
66	Strategic agency and learning in sustainability initiatives driving transformation: the symphony tool for ecosystem-based marine spatial planning	2023	Järnberg, L., Vulturius, G., & Ek, F. (2023). Strategic agency and learning in sustainability initiatives driving transformation: the symphony tool for ecosystem-based marine spatial planning. <i>Sustainability Science</i> , 18(3), 1149-1161.	Marine	Marine	Tool for change / Case study
67	Interactive Learning and Governance Transformation for Securing Blue Justice	2022	Jentoft, S., & Chuenpagdee, R. (2022). Interactive learning and governance transformation for securing blue justice for small-scale fisheries. <i>Administration & Society</i> , 54(7), 1255-1282.	Blue	Blue	Call for change

	for Small-Scale Fisheries					
68	Social vulnerability, social-ecological resilience and coastal governance	2022	Jozaei, J., Chuang, W. C., Allen, C. R., & Garmestani, A. (2022). Social vulnerability, social-ecological resilience and coastal governance. <i>Global Sustainability</i> , 5, e12.	Coast	Coast	Tool for change
69	The shifting sands of land governance in peri-urban Mangaluru, India: fluctuating land as an 'informality machine' reinforcing rapid coastal transformations	2017	Kadfak, A., & Oskarsson, P. (2017). The shifting sands of land governance in peri-urban Mangaluru, India: Fluctuating land as an 'informality machine' reinforcing rapid coastal transformations. <i>Contemporary South Asia</i> , 25(4), 399-414.	Coast	Coast	Case study
70	Marine reserves and resilience in the era of COVID-19	2022	King, C., Adhuri, D. S., & Clifton, J. (2022). Marine reserves and resilience in the era of COVID-19. <i>Marine Policy</i> , 141, 105093.	Marine	Marine	Case study
71	Marine reserves and resilience in the era of COVID-19	2014	King, C., Adhuri, D. S., & Clifton, J. (2022). Marine reserves and resilience in the era of COVID-19. <i>Marine Policy</i> , 141, 105093.	Marine	Marine	Call for change
72	A Comparative Analysis of Water Governance, Water Management, and Environmental Performance in River Basins	2016	Knieper, C., & Pahl-Wostl, C. (2016). A comparative analysis of water governance, water management, and environmental performance in river basins. <i>Water Resources Management</i> , 30, 2161-2177.	Watershed	River basin	Case study
73	Transformational Adaptation in the Context of Coastal Cities	2021	Kuhl, L., Rahman, M. F., McCraigne, S., Krause, D., Hossain, M. F., Bahadur, A. V., & Huq, S. (2021). Transformational adaptation in the context of coastal cities. <i>Annual Review of Environment and Resources</i> , 46(1), 449-479.	Coast	Coast	Guidance for transformation
74	Barriers to reducing climate enhanced disaster risks in least developed country-small islands through anticipatory adaptation	2015	Kuruppu, N., & Willie, R. (2015). Barriers to reducing climate enhanced disaster risks in Least Developed Country-Small Islands through anticipatory adaptation. <i>Weather and Climate Extremes</i> , 7, 72-83.	Coast	Coast	Case study
75	The Role of Social Networks in the Sustainability Transformation of Cabo Pulmo: A Multiplex Perspective	2017	Langle-Flores, A., Ocelík, P., & Pérez-Maqueo, O. (2017). The role of social networks in the sustainability transformation of Cabo Pulmo: A multiplex perspective. <i>Journal of Coastal Research</i> , (77), 134-142.	Marine	Coast	Tool for change / Case study
76	Examining the assumptions of integrated coastal management: Stakeholder agendas and elite cooption in	2011	Larsen, R. K., Acebes, J. M., & Belen, A. (2011). Examining the assumptions of integrated coastal management: Stakeholder agendas and elite cooption in Babuyan Islands, Philippines. <i>Ocean & Coastal Management</i> , 54(1), 10-18.	Coast	Coast	Case study

	Babuyan Islands, Philippines					
77	Marine biodiversity conservation governance and management: Regime requirements for global environmental change	2012	Lockwood, M., Davidson, J., Hockings, M., Haward, M., & Kriwoken, L. (2012). Marine biodiversity conservation governance and management: regime requirements for global environmental change. <i>Ocean & Coastal Management</i> , 69, 160-172.	Ocean	Ocean	Tool for change
78	Principles for transformative ocean governance	2023	Lombard, A. T., Clifford-Holmes, J., Goodall, V., Snow, B., Truter, H., Vrancken, P., ... & Morgera, E. (2023). Principles for transformative ocean governance. <i>Nature Sustainability</i> , 6(12), 1587-1599.	Ocean	Ocean	Guidance for transformation
79	Just Aquatic Governance: The Amazon basin as fertile ground for aligning participatory conservation with social justice	2021	Lopes, P. F., de Freitas, C. T., Hallwass, G., Silvano, R. A., Begossi, A., & Campos-Silva, J. V. (2021). Just Aquatic Governance: The Amazon basin as fertile ground for aligning participatory conservation with social justice. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 31(5), 1190-1205.	Watershed	Water	Tool for change / Case study
80	Coastal Community Resilience and Power in the United States: A Comparative Analysis of Adaptability in North Carolina and Louisiana	2021	May, C. K. (2021). Coastal community resilience and power in the United States: A comparative analysis of adaptability in North Carolina and Louisiana. <i>Environmental Management</i> , 68(1), 100-116.	Coast	Coast	Case study
81	Resilience, vulnerability, & transformation: Exploring community adaptability in coastal North Carolina	2019	May, C. K. (2019). Resilience, vulnerability, & transformation: exploring community adaptability in coastal North Carolina. <i>Ocean & coastal management</i> , 169, 86-95.	Coast	Coast	Case study
82	Polycentric Transformation in Kenyan Water Governance: A Dynamic Analysis of Institutional and Social-Ecological Change	2017	McCord, P., Dell'Angelo, J., Baldwin, E., & Evans, T. (2017). Polycentric transformation in Kenyan water governance: A dynamic analysis of institutional and social-ecological change. <i>Policy Studies Journal</i> , 45(4), 633-658.	Catchment	Water	Case study
83	Adaptive and transformative learning in environmental water management: Implementing the crocodile river's ecological reserve in Kruger National Park, South Africa	2021	McLoughlin, C. A., Riddell, E. S., Petersen, R. M., & Venter, J. (2021). Adaptive and transformative learning in environmental water management: implementing the crocodile river's ecological reserve in Kruger National Park, South Africa. <i>Koedoe</i> , 63(1), 1-19.	Catchment	Water	Tool for change / Case study

84	Building a foundation for knowledge co-creation in collaborative water governance: Dimensions of stakeholder networks facilitated through bridging organizations	2017	Medema, W., Adamowski, J., Orr, C., Furber, A., Wals, A., & Milot, N. (2017). Building a foundation for knowledge co-creation in collaborative water governance: Dimensions of stakeholder networks facilitated through bridging organizations. <i>Water</i> , 9(1), 60.	Watershed	Water	Tool for change / Case study
85	Theorising complex water governance in Africa: the case of the proposed Epupa Dam on the Kunene River	2016	Meissner, R., & Jacobs, I. (2016). Theorising complex water governance in Africa: The case of the proposed Epupa Dam on the Kunene River. <i>International Environmental Agreements: Politics, Law and Economics</i> , 16, 21-48.	Catchment	River basin	Case study
86	Do the Adaptations of Venice and Miami to Sea Level Rise Offer Lessons for Other Vulnerable Coastal Cities?	2019	Molinaroli, E., Guerzoni, S., & Suman, D. (2019). Do the adaptations of Venice and Miami to sea level rise offer lessons for other vulnerable coastal cities?. <i>Environmental management</i> , 64(4), 391-415.	Coast	Coast	Case study
87	Beyond the MDG water target to universal water coverage in Ghana: The key transformative shifts required	2018	Monney, I., & Antwi-Agyei, P. (2018). Beyond the MDG water target to universal water coverage in Ghana: the key transformative shifts required. <i>Journal of Water, Sanitation and Hygiene for Development</i> , 8(2), 127-141.	Watershed	Water	Case study
88	From coastal timber supply area to great bear rainforest: Exploring power in a social-ecological governance innovation	2012	Moore, M. L., & Tjornbo, O. (2012). From coastal timber supply area to Great Bear Rainforest: exploring power in a social-ecological governance innovation. <i>Ecology and Society</i> , 17(4).	Coast	Coast	Case study
89	Past-present discontinuity in ecological change and marine governance: An integrated narrative approach to artisanal fishing	2018	Mouro, C., Santos, T., & Castro, P. (2018). Past-present discontinuity in ecological change and marine governance: An integrated narrative approach to artisanal fishing. <i>Marine Policy</i> , 97, 163-169.	Marine	Marine	Case study
90	A Review of Water Policies on the Move: Diffusion, Transfer, Translation or Branding?	2022	Mukhtarov, F. (2022). A review of water policies on the move: diffusion, transfer, translation or branding?. <i>Water Alternatives</i> , 15(2).	Watershed	Water	Theory
91	Blue gold: Advancing blue economy governance in Africa	2021	Nagy, H., & Nene, S. (2021). Blue gold: Advancing blue economy governance in Africa. <i>Sustainability</i> , 13(13), 7153.	Blue	Blue	Call for change
92	Firms as drivers of integrative adaptive regional development in the context of environmental hazards	2018	Neise, T., Revilla Diez, J., & Garschagen, M. (2018). Firms as drivers of integrative adaptive regional development in the context of environmental hazards in developing countries and emerging economies—A conceptual	Coast	Coast	Case study

	in developing countries and emerging economies – A conceptual framework		framework. Environment and Planning C: Politics and Space, 36(8), 1522-1541.			
93	From social and natural vulnerability to human-centered climate resilient coastal cities	2023	Niamir, L., & Pachauri, S. (2023). From social and natural vulnerability to human-centered climate resilient coastal cities. <i>Frontiers in Sustainable Cities</i> , 5, 1137641.	Coast	Coast	Call for change
94	SDGs and decentralizing water management for transformation: Normative policy coherence for water security in SADC river basin organizations	2019	Nshimbi, C. C. (2019). SDGs and decentralizing water management for transformation: Normative policy coherence for water security in SADC river basin organizations. <i>Physics and Chemistry of the Earth, Parts A/B/C</i> , 111, 1-12.	Watershed	Water	Case study
95	Capacity deficit and marginalisation of artisanal fishers hamper effective fisheries governance in Ghana: Insights and propositions for promoting sustainable small-scale fisheries	2023	Okyere, I., Chuku, E. O., Dzantor, S. A., Ahenkorah, V., & Adade, R. (2023). Capacity deficit and marginalisation of artisanal fishers hamper effective fisheries governance in Ghana: Insights and propositions for promoting sustainable small-scale fisheries. <i>Marine Policy</i> , 153, 105640.	Marine	Ocean	Case study
96	Emergence of a global science–business initiative for ocean stewardship	2017	Österblom, H., Jouffray, J. B., Folke, C., & Rockström, J. (2017). Emergence of a global science–business initiative for ocean stewardship. <i>Proceedings of the National Academy of Sciences</i> , 114(34), 9038-9043.	Ocean	Ocean	Tool for change
97	Adaptive and sustainable water management: from improved conceptual foundations to transformative change	2020	Pahl-Wostl, C. (2021). Adaptive and sustainable water management: from improved conceptual foundations to transformative change. In <i>Global Water Resources</i> (pp. 175-193). Routledge.	Catchment	Water	Call for change
98	An Evolutionary Perspective on Water Governance: From Understanding to Transformation	2017	Pahl-Wostl, C. (2017). An evolutionary perspective on water governance: From understanding to transformation. <i>Water Resources Management</i> , 31, 2917-2932.	Catchment	Water	Call for change
99	The role of governance modes and meta-governance in the transformation towards sustainable water governance	2019	Pahl-Wostl, C. (2019). The role of governance modes and meta-governance in the transformation towards sustainable water governance. <i>Environmental science & policy</i> , 91, 6-16.	Catchment	Water	Case study

100	Enhancing the capacity of water governance to deal with complex management challenges: A framework of analysis	2020	Pahl-Wostl, C., Knieper, C., Lukat, E., Meergans, F., Schoderer, M., Schütze, N., ... & Vidaurre, R. (2020). Enhancing the capacity of water governance to deal with complex management challenges: A framework of analysis. <i>Environmental Science & Policy</i> , 107, 23-35.	Watershed	Water	Tool for change
101	A virtual paradise? Platform algorithms, coastal change, and the production of nature in the Philippines	2023	Parris-Piper, N., Dressler, W., Satizábal, P., & Fletcher, R. (2023). A virtual paradise? Platform algorithms, coastal change, and the production of nature in the Philippines. <i>Geoforum</i> , 138, 103669.	Coast	Coast	Tool for change
102	Indigenous peoples and transformations in freshwater governance and management	2020	Parsons, M., & Fisher, K. (2020). Indigenous peoples and transformations in freshwater governance and management. <i>Current Opinion in Environmental Sustainability</i> , 44, 124-139.	Watershed	Water	Case study
103	The living infinite: Envisioning futures for transformed human-nature relationships on the high seas	2023	Pereira, L. M., Crespo, G. O., Amon, D. J., Badhe, R., Bandeira, S., Bengtsson, F., ... & Zhou, W. (2023). The living infinite: Envisioning futures for transformed human-nature relationships on the high seas. <i>Marine Policy</i> , 153, 105644.	Ocean	Ocean	Tool for change
104	Surfacing solidarity praxis in transdisciplinary research for blue justice	2023	Pereira, T., & Erwin, K. (2023). Surfacing solidarity praxis in transdisciplinary research for blue justice. <i>Ecosystems and People</i> , 19(1), 2260502.	Ocean	Blue	Tool for change / Case study
105	Network Governance of Land-Sea Social-Ecological Systems in the Lesser Antilles	2019	Pittman, J., & Armitage, D. (2019). Network governance of land-sea social-ecological systems in the Lesser Antilles. <i>Ecological Economics</i> , 157, 61-70.	Marine	Land-sea interface	Tool for change / Case study
106	Exploring social processes in transformation: the case of a collaborative water partnership in South Africa	2023	Pringle, C. B., Meissner, R., Biggs, R., Pahl-Wostl, C., Stuart-Hill, S., & Sitas, N. (2023). Exploring social processes in transformation: the case of a collaborative water partnership in South Africa. <i>Ecosystems and People</i> , 19(1), 2213780.	Catchment	Water	Case study
107	Adapting water management to climate change in the murray-darling basin, australia	2021	Prosser, I. P., Chiew, F. H., & Stafford Smith, M. (2021). Adapting water management to climate change in the Murray–Darling Basin, Australia. <i>Water</i> , 13(18), 2504.	Catchment	River basin	Case study
108	Transnational research for coastal wetlands conservation in a Cuba–US setting	2020	Ramenzoni, V. C., Besonen, M. R., Yoskowitz, D., Sánchez, V. V., Rivero, A. R., González-Díaz, P., ... & McKinney, L. (2020). Transnational research for coastal wetlands conservation in a Cuba–US setting. <i>Global Sustainability</i> , 3, e19.	Coast	Wetlands	Case study

109	Land-Ocean Interactions in the Coastal Zone: Past, present & future	2015	Ramesh, R., Chen, Z., Cummins, V., Day, J., D'elia, C., Dennison, B., ... & Wolanski, E. (2015). Land-ocean interactions in the coastal zone: Past, present & future. <i>Anthropocene</i> , 12, 85-98.	Coast	Land-sea interface	Case study
110	Role of Transformative Capacity in River Basin Management Transformations	2019	Räsänen, A., Schönach, P., Jurgilevich, A., Heikkinen, M., & Juhola, S. (2019). Role of transformative capacity in river basin management transformations. <i>Water Resources Management</i> , 33, 303-317.	Watershed	River basin	Case study
111	Challenges for shared responsibility – Political and social framing of coastal protection transformation in the Maldives	2019	Ratter, B., & Hennig, A. (2019). Challenges for shared responsibility–Political and social framing of coastal protection transformation in the Maldives. <i>DIE ERDE–Journal of the Geographical Society of Berlin</i> , 150(3), 169-183.	Coast	Coast	Case study
112	The unfolding water drama in the Anthropocene: Towards a resilience-based perspective on water for global sustainability	2014	Rockström, J., Falkenmark, M., Allan, T., Folke, C., Gordon, L., Jägerskog, A., ... & Varis, O. (2014). The unfolding water drama in the Anthropocene: towards a resilience-based perspective on water for global sustainability. <i>Ecohydrology</i> , 7(5), 1249-1261.	Catchment	Water	Call for change
113	Resilience and coastal governance: knowledge and navigation between stability and transformation	2022	Rölfer, L., Celliers, L., & Abson, D. (2022). Resilience and coastal governance: Knowledge and navigation between stability and transformation. <i>Ecology and Society</i> , 27(2).	Coast	Coast	Guidance for transformation
114	Assessing collaboration, knowledge exchange, and stakeholder agency in coastal governance to enhance climate resilience	2024	Rölfer, L., Celliers, L., Fernandes, M., Rivers, N., Snow, B., & Abson, D. J. (2024). Assessing collaboration, knowledge exchange, and stakeholder agency in coastal governance to enhance climate resilience. <i>Regional Environmental Change</i> , 24(1), 6.	Coast	Coast	Tool for change
115	Skippers' preferred adaptation and transformation responses to catch declines in a large-scale tuna fishery	2022	Rubio, I., Hobday, A. J., & Ojea, E. (2022). Skippers' preferred adaptation and transformation responses to catch declines in a large-scale tuna fishery. <i>ICES Journal of Marine Science</i> , 79(2), 532-539.	Ocean	Ocean	Case study
116	Post-productivist transformation as a challenge for small-scale fisheries: Changing preconditions and adaptation strategies in the Finnish Archipelago Sea Region	2018	Salmi, P. (2018). Post-productivist transformation as a challenge for small-scale fisheries: Changing preconditions and adaptation strategies in the Finnish Archipelago Sea Region. <i>Regional Studies in Marine Science</i> , 21, 67-73.	Coast	Marine	Case study

117	Introductory commentary: Marine conflicts and pathways to sustainability in an era of Blue Growth and climate change	2024	Saunders, F., Tafon, R., Knol-Kauffman, M., & Selim, S. A. (2024). Introductory commentary: Marine conflicts and pathways to sustainability in an era of Blue Growth and climate change. <i>Maritime Studies</i> , 23(1), 3.	Marine	Marine	Tool for change
118	Transformation of small-scale fisheries - critical transdisciplinary challenges and possibilities	2016	Saunders, F. P., Gallardo-Fernández, G. L., Van Tuyen, T., Raemaekers, S., Marciniak, B., & Plá, R. D. (2016). Transformation of small-scale fisheries—critical transdisciplinary challenges and possibilities. <i>Current Opinion in Environmental Sustainability</i> , 20, 26-31.	Coast	Marine	Case study
119	The interplay between top-down interventions and bottom-up self-organization shapes opportunities for transforming self-governance in small-scale fisheries	2021	Schlüter, M., Lindkvist, E., & Basurto, X. (2021). The interplay between top-down interventions and bottom-up self-organization shapes opportunities for transforming self-governance in small-scale fisheries. <i>Marine Policy</i> , 128, 104485.	Marine	Ocean	Case study
120	Do adaptive comanagement processes lead to adaptive comanagement outcomes? A multicase study of long-term outcomes associated with the National Riparian Service Team's place-based Riparian assistance	2013	Do adaptive comanagement processes lead to adaptive comanagement outcomes? A multicase study of long-term outcomes associated with the National Riparian Service Team's place-based Riparian assistance	Watershed	River basin	Tool for change / Case study
121	Identifying Regime Transitions for Water Governance in the Yellow River Basin, China	2023	Song, S., Wang, S., Wu, X., Wei, Y., Cumming, G. S., Qin, Y., ... & Fu, B. (2023). Identifying regime transitions for water governance in the Yellow River Basin, China. <i>Water Resources Research</i> , 59(12), e2022WR033819.	Watershed	Water	Case study
122	Unmasking governance failures: The impact of COVID-19 on small-scale fishing communities in South Africa	2021	Sowman, M., Sunde, J., Pereira, T., Snow, B., Mbatha, P., & James, A. (2021). Unmasking governance failures: The impact of COVID-19 on small-scale fishing communities in South Africa. <i>Marine Policy</i> , 133, 104713.	Marine	Marine	Call for change
123	Oceans of Conflict: Pathways to an Ocean Sustainability PACT	2022	Tafon, R., Glavovic, B., Saunders, F., & Gilek, M. (2022). Oceans of conflict: pathways to an ocean sustainability PACT. <i>Planning Practice & Research</i> , 37(2), 213-230.	Ocean	Ocean	Tool for change
124	Constitutional state structure and scalar re-	2015	Thiel, A. (2015). Constitutional state structure and scalar re-organization of natural resource	Watershed	Water	Case study

	organization of natural resource governance: The transformation of polycentric water governance in Spain, Portugal and Germany		governance: The transformation of polycentric water governance in Spain, Portugal and Germany. Land use policy, 45, 176-188.			
125	Theorizing reflexivity and transformative change in marine governance	2024	van Leeuwen, J., van Tatenhove, J., Schutter, M., & Voyer, M. (2025). Theorizing reflexivity and transformative change in marine governance. Journal of Environmental Policy & Planning, 27(1), 8-20.	Ocean	Marine	Tool for change
126	Ecological public health and participatory planning and assessment dilemmas: The case of water resources management	2018	Volenzo, T. E., & Odiyo, J. (2018). Ecological public health and participatory planning and assessment dilemmas: The case of water resources management. International journal of environmental research and public health, 15(8), 1635.	Catchment	Water	Tool for change / Case study
127	A principled approach for BBNJ: An idea whose time has come	2022	Wagenaar, T. (2022). A principled approach for BBNJ: An idea whose time has come. Review of European, Comparative & International Environmental Law, 31(3), 399-410.	Ocean	Ocean	Call for change
128	Advancing Ocean Governance in Marine Regions Through Stakeholder Dialogue Processes	2021	Weiand, L., Unger, S., Rochette, J., Müller, A., & Neumann, B. (2021). Advancing ocean governance in marine regions through stakeholder dialogue processes. Frontiers in Marine Science, 8, 645576.	Ocean	Ocean	Tool for change
129	Reflexive adaptation for resilient water services: Lessons for theory and practice	2019	Westling, E. L., Sharp, L., Scott, D., Tait, S., Rychlewski, M., & Ashley, R. M. (2019). Reflexive adaptation for resilient water services: lessons for theory and practice. Global Environmental Change, 57, 101937.	Catchment	Water	Tool for change / Case study
130	"Like the plains people losing the buffalo": Perceptions of climate change impacts, fisheries management, and adaptation actions by Indigenous peoples in coastal British Columbia, Canada	2020	Whitney, C. K., Frid, A., Edgar, B. K., Walkus, J., Siwallace, P., Siwallace, I. L., & Ban, N. C. (2020). "Like the plains people losing the buffalo": perceptions of climate change impacts, fisheries management, and adaptation actions by Indigenous peoples in coastal British Columbia, Canada. Ecology & Society, 25(4).	Coast	Coast	Case study
131	A paradigm shift in water quality governance in a transitional context: A critical study about the empowerment of local governance in Georgia	2018	Withanachchi, S. S., Ghambashidze, G., Kunchulia, I., Urushadze, T., & Ploeger, A. (2018). A paradigm shift in water quality governance in a transitional context: A critical study about the empowerment of local governance in Georgia. Water, 10(2), 98.	Catchment	Water	Case study
132	The Transformation of 40-Year Coastal	2022	Yang, S., Wang, Y., Fang, Q., Elliott, M., Ikhumhen, H. O., Liu, Z., & Meilana, L. (2022).	Coast	Wetlands	Case study

	Wetland Policies in China: Network Analysis and Text Analysis		The transformation of 40-year coastal wetland policies in China: network analysis and text analysis. Environmental Science & Technology, 56(22), 15251-15260.			
133	International development policies and coastalscape metabolism: The case of the Mekong Delta, Vietnam	2018	Zinzani, A. (2018). International development policies and coastalscape metabolism: The case of the Mekong Delta, Vietnam. Social Sciences, 7(2), 19.	Coast	Coast	Case study
134	The Transformation of Coastal Governance, from Human Ecology to Local State, in the Jimei Peninsula, Xiamen, China	2023	Zou, Z., Zhang, Y. Y., Lee, S. H., & Tsai, S. C. (2023). The transformation of coastal governance, from human ecology to local state, in the Jimei Peninsula, Xiamen, China. Water, 15(14), 2659.	Coast	Coast	Case study
135	Global water governance and Climate Change: Identifying innovative arrangements for adaptive transformation	2018	Melo Zurita, M. D. L., Thomsen, D. C., Holbrook, N. J., Smith, T. F., Lyth, A., Munro, P. G., ... & Powell, N. (2018). Global water governance and climate change: Identifying innovative arrangements for adaptive transformation. Water, 10(1), 29.	Catchment	Water	Tool for change / Case study

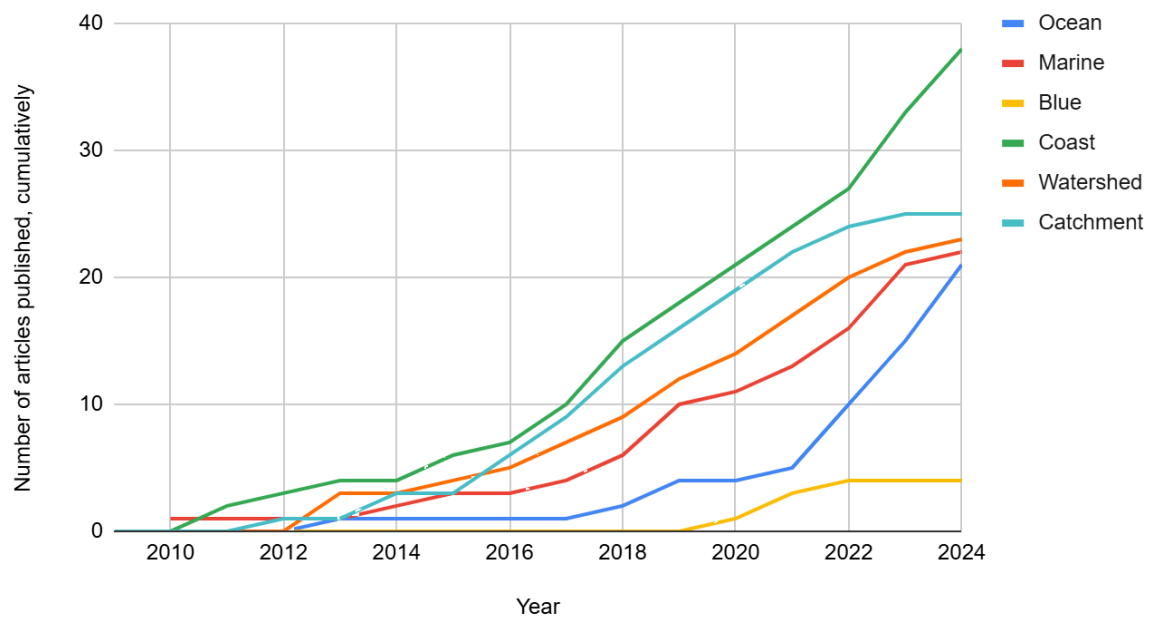


Figure 1: Cumulative increase of articles published per original Boolean search term use

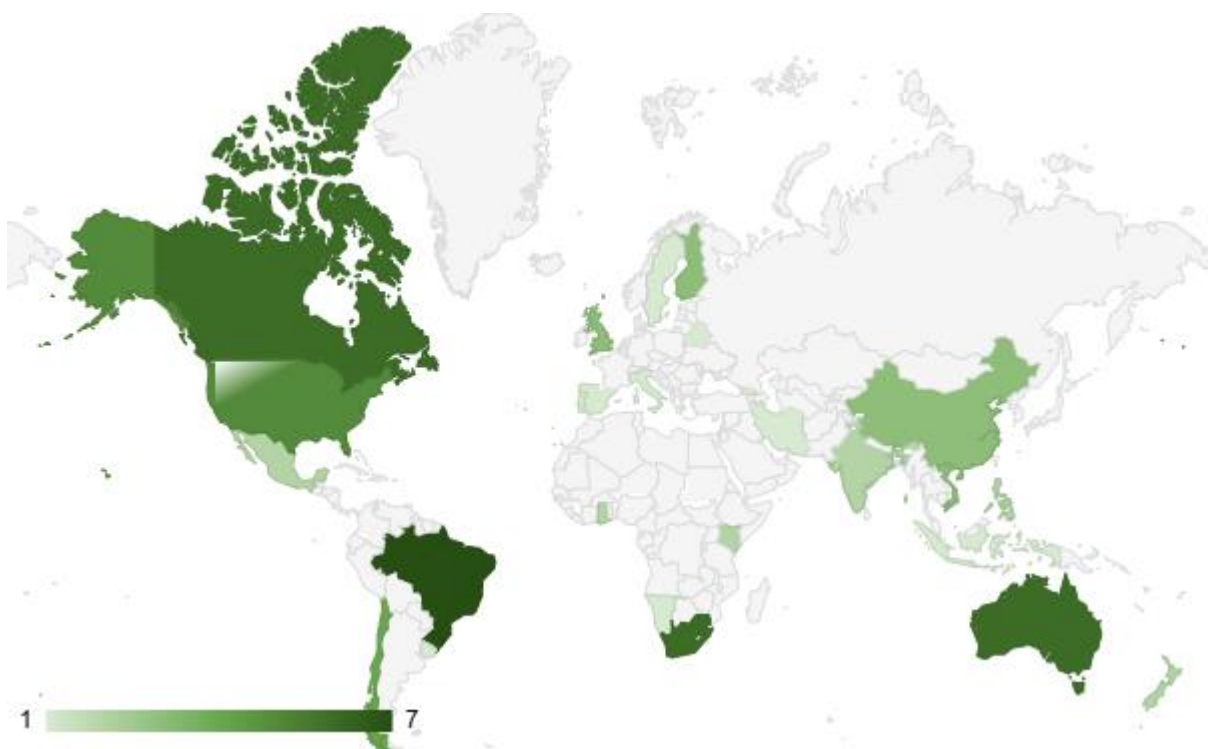


Figure 2: Density map of countries identified in the review

Table 2: Countries and type of article identified, including total number of articles identified per country

	Call for change	Case study	Guidance for transformation	Theory	Tool for change	Tool for change / Case study	Total count
Ghana	0	2	0	0	0	0	2
Kenya	0	2	0	0	0	0	2
Namibia	0	1	0	0	0	0	1
South Africa	1	1	0	0	1	3	6
Southern Africa	0	1	0	0	0	0	1
Africa	1	0	0	0	0	0	1
China	0	3	0	0	0	0	3
Vietnam	0	3	0	0	0	0	3
India	0	1	0	0	0	1	2
Indonesia	0	1	0	0	0	1	2
Maldives	0	1	0	0	0	0	1
Philippines	0	1	0	0	1	0	2
Iran	0	0	0	0	0	1	1
Finland	0	3	0	0	0	0	3
Belarus	0	1	0	0	0	0	1
England	0	1	0	0	0	2	3
Georgia	0	1	0	0	0	0	1
Italy	0	1	0	0	0	0	1
Portugal	0	1	0	0	0	0	1
Spain	0	1	0	0	0	0	1
Sweden	0	0	0	0	0	1	1
Multi	0	16	0	0	0	7	23
SIDS	0	1	0	0	0	0	1
None	8	0	4	1	16	0	28
Global	0	0	0	0	2	0	2
USA	0	5	0	0	0	1	6
Canada	1	2	0	0	0	3	6

North America	0	0	0	0	0	1	1
South America	0	0	0	0	0	1	1
Australia	0	3	0	0	1	4	8
Cook Islands	0	1	0	0	0	0	1
New Zealand	0	1	0	0	1	0	2
Fiji and the Solomon Islands	0	0	0	0	0	1	1
Oceania	0	0	0	0	0	1	1
Chile	0	3	0	0	0	1	4
Brazil	0	2	0	0	1	4	7
Mexico	0	1	0	0	0	1	2
Uruguay	0	1	0	0	0	0	1
Global South	0	0	0	0	1	0	1

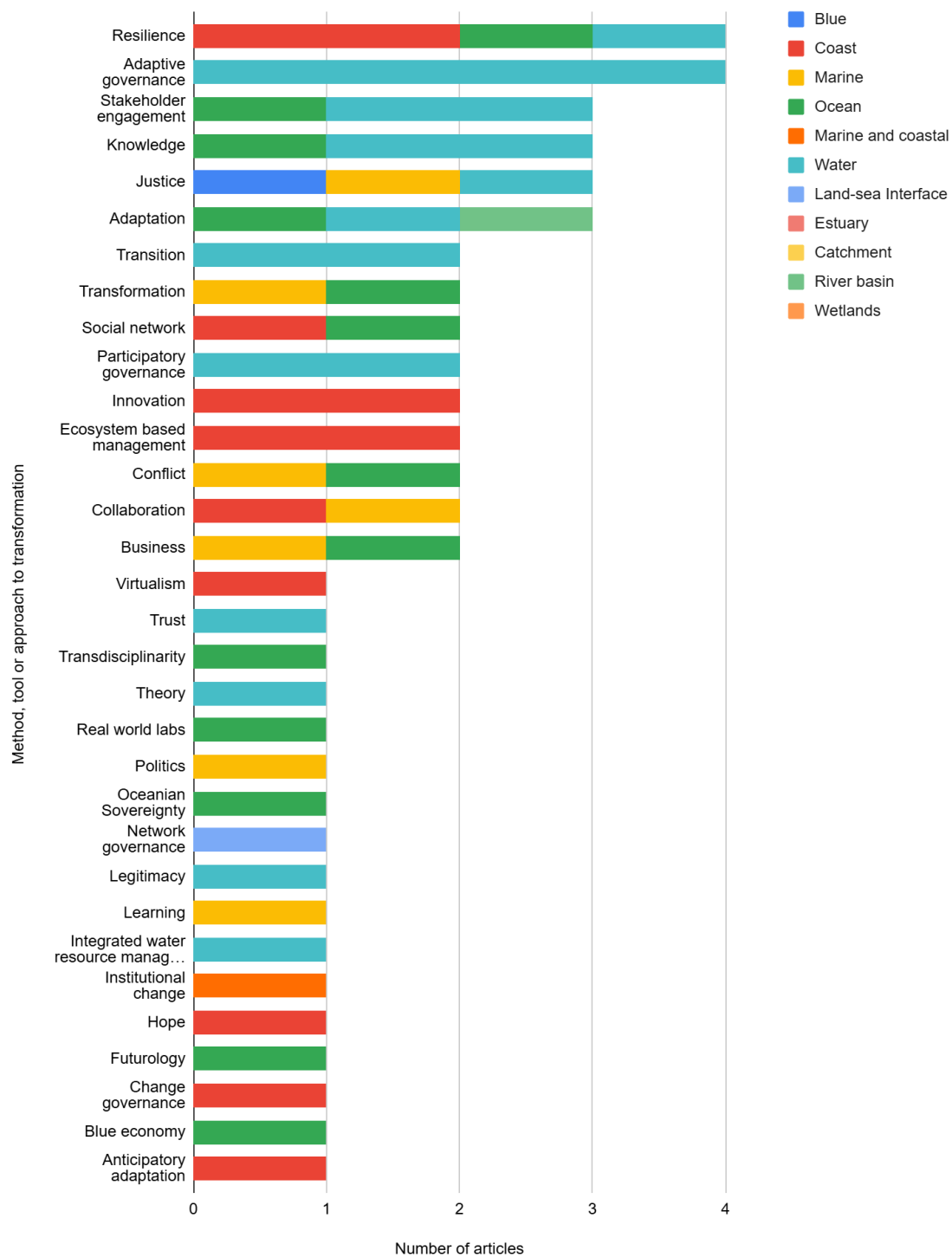


Figure 3: Total number of methods, tools and approaches to transformation identified across the land-sea interface

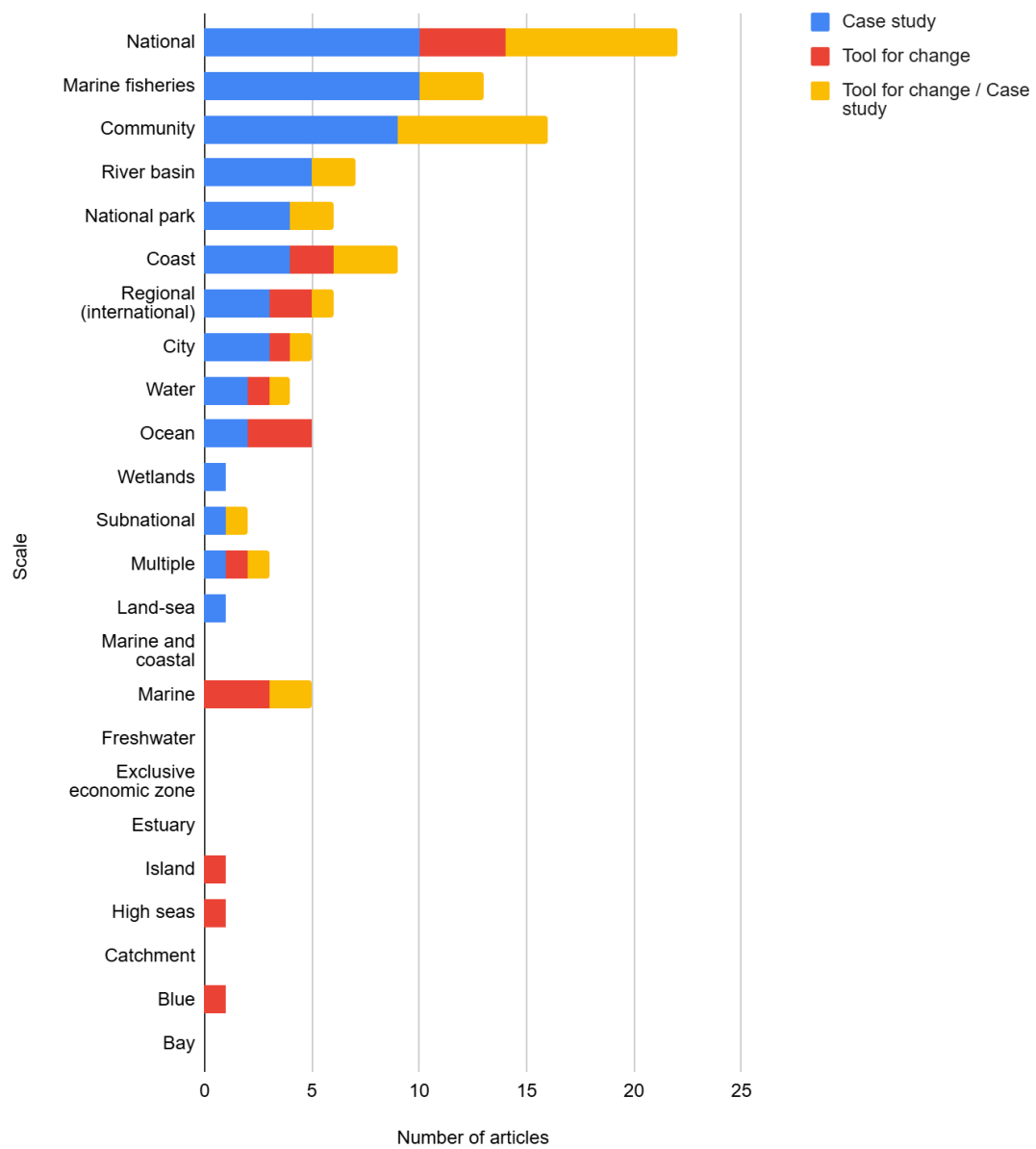


Figure 4: Scale of case studies, tools for change and case studies of tools for change