

# Markku Viitasalo

List of publications 12.10.2023

## 1. Peer-reviewed scientific articles

1. Kuismanen, L., Virtanen, E.A., Lappalainen, J., Kurvinen, L., Blankett, P., Viitasalo, M. (2023). Identifying ecologically valuable marine areas to support conservation and spatial planning at scales relevant for decision making. *Marine Policy*. Accepted for publication.
2. Viitasalo, M., Bonsdorff, E. (2022) Global climate change and the Baltic Sea ecosystem: Direct and indirect effects on species, communities and ecosystem functioning. *Earth System Dynamics* 13: 711-747. <https://doi.org/10.5194/esd-13-711-2022>
3. Meier, H.E., Kniebusch, M., Dieterich, C., Gröger, M., Zorita, E., Elmgren, R., Myrberg, K., et al. (2022). Climate Change in the Baltic Sea Region: A Summary. *Earth System Dynamics Discussions* 13: 457-593. <https://doi.org/10.5194/esd-13-457-2022>
4. Virtanen, E., Lappalainen, J., Nurmi, M., Viitasalo, M., Tikanmäki, M., Heinonen, J., Atlaksin, E., Kallasvuo, M., Tikkanen, H., Moilanen, A. (2022). Balancing profitability of energy production, societal impacts and biodiversity in offshore wind farm design. *Renewable & Sustainable Energy Reviews* 158. <https://doi.org/10.1016/j.rser.2022.112087>.
5. Blenckner T., Möllmann C., Lowndes J.S., Griffiths J.R., Campbell E., De Cervo A., Belgrano A., Boström C., Fleming V., Frazier M., Neuenfeldt S., Niiranen S., Nilsson A., Ojaveer H., Olsson J., Palmlov CS., Quaas M., Rickels W., Sobek A., Viitasalo M., Wikström S.A., Halpern, B.S. (2021). The Baltic Health Index (BHI): Assessing the social-ecological status of the Baltic Sea. *People and Nature*. <https://doi.org/10.1002/pan3.10178>
6. Gagnon, K., Virtanen, E.A., Rusanen, P., Nurmi, M., Viitasalo, M., Jormalainen, V. (2020). Cormorants have negligible seascape-scale impacts on benthic vegetation communities. *Marine Ecology Progress Series* 654: 195-207. <https://doi.org/10.3354/meps13494>
7. Virtanen, E.A., Moilanen, A., Viitasalo, M. (2020). Marine connectivity in spatial conservation planning – analogues from the terrestrial realm. *Landscape Ecology* 35(5): 1021-1034. <https://doi.org/10.1007/s10980-020-00997-8>.
8. Virtanen, E.A., Norkko, A., Nyström Sandman, A., Viitasalo, M. (2019). Identifying areas prone to coastal hypoxia - the role of topography. *Biogeosciences* 16: 3183-3195. <https://doi.org/10.5194/bg-16-3183-2019>
9. Käyhkö, N., Khamis, Z.A., Eilola, S., Virtanen, E., Juma Muhammad, M., Viitasalo, M., Fagerholm, N. (2019). The role of place-based local knowledge in supporting integrated coastal and marine spatial planning in Zanzibar, Tanzania. *Ocean and Coastal Management* 177(2019): 64-75. <https://doi.org/10.1016/j.ocecoaman.2019.04.016>
10. Viitasalo, M. (2019). Impacts of climate change on the ecosystem of the Baltic Sea. *Oxford Research Encyclopedia of Climate Change*. Oxford University Press. 32 pp. <https://doi.org/10.1093/acrefore/9780190228620.013.692>
11. Kotta, J., Vanhatalo, J., Jänes, H., Orav-Kotta, H., Rugiu, L., Jormalainen, V., Bobsien, I., Viitasalo, M., Virtanen, E., Sandman Nyström, A., Isaeus, M., Leidenberger, S., Jonsson, P., Johannesson, K. (2019). Integrating experimental and distribution data to predict future species patterns. *Scientific Reports* 9(1), 1821. <https://doi.org/10.1038/s41598-018-38416-3>
12. Lappalainen, J., Virtanen, E., Kallio, K., Junttila, S., Viitasalo, M. (2019). Substrate limitation of a habitat-forming genus *Fucus* under different water clarity scenarios in the northern Baltic Sea. *Estuarine, Coastal and Shelf Science* 218: 31-38. <https://doi.org/10.1016/j.ecss.2018.11.010>
13. Virtanen, E.A., Viitasalo, M., Lappalainen, J., Moilanen, A. (2018). Evaluation, gap analysis, and potential expansion of the Finnish Marine Protected Area network. *Frontiers in Marine Science* 5(402): 1-19 +Suppl. <https://doi.org/10.3389/fmars.2018.00402>

14. Jolma, A., Karvinen, V., Viitasalo, M., Venesjärvi, R., Haapala, J. (2017). Information System as a Tool for Marine Spatial Planning: The SmartSea Vision and Prototype. In Hrebicek, J., Denzer, R., Schimak, G., Pitner, T. (eds.): Environmental Software Systems. Computer Science for Environmental Protection. 12th IFIP WG 5.11 International Symposium, ISESS 2017, Zadar, Croatia, May 10-12, 2017, Proceedings (pp. 110-123). Springer International Publishing.
15. Drakou, E.G., Liqueste, C., Beaumont, N., Boon, A., Viitasalo, M., Agostini, V. (2017). Mapping Marine and Coastal Ecosystem Services. In: Burkhard, B., Maes, J. (eds.). Mapping Ecosystem Services. (pp. 252-257) Pensoft Publishers.
16. Vihervaara, P., Auvinen, A.-P., Mononen, L., Törmä, M., Ahlroth, P., Anttila, S., Böttcher, K., Forsius, M., Heino, J., Heliölä, J., Koskelainen, M., Kuussaari, M., Meissner, K., Ojala, O., Tuominen, S., Viitasalo, M., Virkkala, R. (2017). How essential biodiversity variables and remote sensing can help national biodiversity monitoring. Global Ecology and Conservation 10: 43-59.
17. Andersson, A., Tamminen, T., Lehtinen, S., Jurgens, K., Labrenz, M., Viitasalo, M. (2017). The pelagic food web. In: Snoeijs et al. (eds.). Biological Oceanography of the Baltic Sea. Springer, Berlin Heidelberg.
18. Holopainen, R., Lehtiniemi, M., Meier, M.H.E., Albertsson, J., Gorokhova, E., Kotta J., Viitasalo, M. (2016). Impacts of changing climate on the non-indigenous invertebrates in the northern Baltic Sea by end of the twenty-first century. Biological Invasions 18(120): 3015-3032
19. Valanko, S., Heino, J., Westerbom, M., Viitasalo, M. Norkko, A. (2015). Complex metacommunity structure for benthic invertebrates in a low diversity coastal system. Ecology and Evolution 5(22): 5203-5215.
20. Turja, R., Lehtonen, K.K., Meierjohann, A., Brozinski, J.M., Vahtera, E., Soirinsuo, A., Sokolov, A., Snoeijs, P., Budzinski, H., Peluhet, L., Pääkkönen, J.-P., Viitasalo, M., Kronberg, L. (2015). The mussel caging approach in assessing biological effects of wastewater treatment plant discharges in the Gulf of Finland (Baltic Sea). Marine Pollution Bulletin 97 (1-2): 135-149.
21. Huttunen, I., Lehtonen, H., Huttunen, M., Piirainen, V., Korppoo, M., Veijalainen, N., Viitasalo, M., Vehviläinen, B. (2015). Effects of climate change and agricultural adaptation on nutrient loading from Finnish catchments to the Baltic Sea. Science of the Total Environment 529: 168-181.
22. Viitasalo, M., Blenckner, T., Gårdmark, A., Kautsky, L., Kaartokallio, H., Kuosa, H., Lindegren, M., Norkko, A., Olli, K., Wikner, J. (2015). Environmental impacts - Marine Ecosystems. In: The BACC II Author team: Second Assessment of Climate Change for the Baltic Sea Basin. Springer, Berlin Heidelberg. Pp. 363-380.
23. Viitasalo, M. (2012). Impact of climate change on biology of the Baltic Sea. In: Haapala, I. (ed.). From the Earth's core to the outer space. Springer. pp. 171.-184.
24. Viitasalo, M. (2010). Ilmastonmuutoksen monimutkaiset vaikutukset Itämeressä (The complex effects of climate change in the Baltic Sea). In: Bäck, S. et al. (eds.) (2010). Itämeren tulevaisuus (Future of the Baltic Sea). Gaudeamus, Helsinki. Pp. 116-131. A textbook in Finnish.
25. Karjalainen, M., Pääkkönen, J.-P., Peltonen, H., Sipiä, V., Valtonen, T., Viitasalo, M. (2008). Nodularin concentrations in Baltic Sea zooplankton and fish during a cyanobacterial bloom. Marine Biology 155: 483-491.
26. Pääkkönen, J.-P., Rönkkönen, S., Karjalainen, M., Viitasalo, M. (2008). Physiological effects in juvenile three-spined sticklebacks feeding on toxic cyanobacterium *Nodularia spumigena* exposed zooplankton. Journal of Fish Biology 72(3): 485-499.
27. Peltonen, H., Luoto, M., Pääkkönen, J.-P., Karjalainen, M., Tuomaala, A., Pönni, J., Viitasalo, M. (2007). Pelagic fish abundance in relation to regional environmental variation in the Gulf of Finland, northern Baltic Sea. ICES Journal of Marine Science 64: 487-495.
28. Karjalainen, M., Engström-Öst, J., Korpinen, S., Peltonen, H., Pääkkönen, J.-P., Rönkkönen, S., Suikkanen, S., Viitasalo, M. (2007). Ecosystem consequences of cyanobacteria in the northern Baltic Sea. Ambio 36: 195-202.
29. Viitasalo, S., Katajisto, T., Viitasalo, M. (2007). Bioturbation changes the patterns of benthic emergence in zooplankton. Limnology and Oceanography 52: 2325-2339.

30. Vahtera, E., Conley, D.J., Gustafsson, B.G., Kuosa, H., Pitkänen, H., Savchuk, O.P., Tamminen, T., Viitasalo, M., Voss, M., Wasmund, N., Wulff, F. (2007). Internal ecosystem feedbacks enhance nitrogen-fixing Cyanobacteria blooms and complicate management in the Baltic Sea. Ambio 36: 186-194.
31. Lehtiniemi, M., Hakala, T., Saesmaa, S., Viitasalo, M. (2006). Prey selection by the larvae of three species of littoral fishes on natural zooplankton assemblages. Aquatic Ecology 41: 85-94.
32. Suikkanen, S., Engström-Öst, J., Jokela, J., Sivonen, K., Viitasalo, M. (2006). Allelopathy of Baltic Sea cyanobacteria: no evidence for the role of nodularin. Journal of Plankton Research 28: 543-550.
33. Karjalainen, M., Kozlowsky-Suzuki, B., Lehtiniemi, M., Engström-Öst, J., Kankaanpää, H., Viitasalo, M. (2006). Nodularin accumulation during cyanobacterial blooms and experimental depuration in zooplankton. Marine Biology 148: 683-691.
34. Engström-Öst, J., Karjalainen, M., Viitasalo, M. (2006). Feeding and refuge use by small fish in the presence of cyanobacteria blooms. Environmental Biology of Fishes 76: 109-117.
35. Korpinen, S., Karjalainen, M., Viitasalo, M. (2006). Effects of cyanobacteria on survival and reproduction of the littoral crustacean *Gammarus zaddachi* (Amphipoda). Hydrobiologia 559: 285-295.
36. Engström-Öst, J., Lehtiniemi, M., Jónasdóttir, S.H., Viitasalo, M. (2005). Growth of pike larvae under different conditions of food quality and salinity. Ecology of Freshwater Fish 14: 385-393.
37. Karjalainen, M., Reinikainen, M., Spoof, L., Meriluoto, J.A.O., Sivonen, K., Viitasalo, M. (2005). Trophic transfer of cyanobacterial toxins from zooplankton to planktivores: consequences to pike larvae and mysids. Environmental Toxicology 20: 354-362.
38. Lehtiniemi, M., Engström-Öst, J., Viitasalo, M. (2005). Turbidity decreases anti-predator behaviour in pike larvae (*Esox lucius*). Environmental Biology of Fishes 37: 1-8.
39. Viitasalo, S., Viitasalo, M. (2004). Predation by mysid shrimps (*Mysis mixta* and *M. relicta*) on benthic eggs of *Bosmina longispina maritima* (Cladocera) in the northern Baltic Sea. Marine Ecology Progress Series 281: 155-163.
40. Simm, M., Kukk, H., Viitasalo, M. (2003). Dynamics of *Marenzelleria viridis* (Polychaeta: Spionidae) pelagic larvae in Pärnu Bay, NE Gulf of Riga, in 1991-99. Proceedings of the Estonian Academy of Sciences. Biology, Ecology 52(4): 394-406.
41. Lindén, E., Lehtiniemi, M., Viitasalo, M. (2003). Predator avoidance behaviour of Baltic littoral mysids *Neomysis integer* and *Praunus flexuosus*. Marine Biology 143: 845-850.
42. Laine, A.O., Luodekari, K., Poikonen, M., Viitasalo, M. (2003). A comparison between 1928 and 2000 indicates major changes in macrozoobenthos species composition and abundance on the SW coast of Finland (Baltic Sea). Proceedings of the Estonian Academy of Sciences Biology Ecology 52: 3-16. Hakala, T., Viitasalo, M., Rita, H., Aro, E., Flinkman, J., Vuorinen, I. (2003). Temporal and spatial variability in the growth rates of Baltic herring (*Clupea harengus membras* L.) larvae during summer. Marine Biology 142: 25-33.
44. Rönkkönen, S., Ojaveer, E., Raid, T., Viitasalo, M. (2003). Long-term changes in the Baltic herring growth. Canadian Journal of Fisheries and Aquatic Sciences 61: 219-229.
45. Engström-Öst, J., Lehtiniemi, M., Green, S., Kozlowsky-Suzuki, B., Viitasalo, M. (2002). Does cyanobacterial toxin accumulate in mysid shrimps and fish via copepods? Journal of Experimental Marine Biology and Ecology 276: 95-107.
46. Lehtiniemi, M., Viitasalo, M., Kuosa, H. (2002). Diet composition influences the growth of the pelagic mysid shrimp, *Mysis mixta* (Mysidacea). Boreal Environment Research 7: 121-128.
47. Pertola, S., Koski, M., Viitasalo, M. (2002). Stoichiometry of mesozooplankton in N- and P-limited areas of the Baltic Sea. Marine Biology 140(2): 425-434.
48. Koski, M., Schmidt, K., Engström-Öst, J., Viitasalo, M., Jónasdóttir, S.H., Repka, S., Sivonen, K. (2002). Calanoid copepods feed and produce eggs in the presence of toxic cyanobacteria *Nodularia spumigena*. Limnology and Oceanography 47: 878-885.

49. Lehtiniemi, M., Engström-Öst, J., Karjalainen, M., Kozłowsky-Suzuki, B., Viitasalo, M. (2002). Fate of cyanobacterial toxins in the pelagic food web: transfer to copepods or to faecal pellets? Marine Ecology Progress Series 241: 13-21.
50. Engström, J., Koski, M., Schmidt, K., Viitasalo, M., Jónasdóttir, S.H., Kokkonen, M., Repka, S., Sivonen, K. (2002). Effects of toxic cyanobacteria on a plankton assemblage: community development during decay of *Nodularia spumigena*. Marine Ecology Progress Series 232: 1-14.
51. Viherluoto, M. & Viitasalo, M. (2001). Effect of light on the feeding rates of pelagic and littoral mysid shrimps: a trade-off between feeding success and predation avoidance. Journal of Experimental Marine Biology and Ecology 261(2): 237-244.
52. Viherluoto, M., Viitasalo, M. (2001). Temporal variability in functional responses and prey selectivity of the pelagic mysid, *Mysis mixta*, in natural prey assemblages. Marine Biology 138: 575-583.
53. Engström, J., Viherluoto, M., Viitasalo, M. (2001). Effects of toxic and non-toxic cyanobacteria on grazing, zooplanktivory and survival of the mysid shrimp *Mysis mixta*. Journal of Experimental Marine Biology and Ecology 257: 269-280.
54. Viitasalo, M., Flinkman, J., Viherluoto, M. (2001). Zooplanktivory in the Baltic Sea: a comparison of prey selectivity by *Clupea harengus* and *Mysis mixta*, with reference to prey escape reactions. Marine Ecology Progress Series 216: 191-200.
55. Engström, J., Koski, M., Viitasalo, M., Reinikainen, M., Repka, S., Sivonen, K. (2000). Feeding interactions of the copepods *Eurytemora affinis* and *Acartia bifilosa* with the cyanobacteria *Nodularia* sp. Journal of Plankton Research 22(7): 1403-1409.
56. Viherluoto, M., Kuosa, H., Flinkman, J., Viitasalo, M. (2000). Food utilisation of pelagic mysids, *Mysis mixta* and *M. relicta*, during their growing season in the northern Baltic Sea. Marine Biology 136: 553-559.
57. Koski, M., Rosenberg, M., Viitasalo, M., Tanskanen, S., Sjölund, U. (1999). Is *Prymnesium patelliferum* toxic for copepods? - Grazing, egg production, and egestion of the calanoid copepod *Eurytemora affinis* in mixtures of "good" and "bad" food. ICES Journal of Marine Science 56 (Suppl.): 131-139.
58. Koski, M., Viitasalo, M., Kuosa, H. (1999). Seasonal development of mesozooplankton biomass and production on the SW coast of Finland. Ophelia 50: 69-91.
59. Koski, M., Engström, J., Viitasalo, M. (1999). Reproduction and survival of the calanoid copepod *Eurytemora affinis* fed with toxic and non-toxic cyanobacteria. Marine Ecology Progress Series 186: 187-197.
60. Viitasalo, M., Rosenberg, M., Heiskanen, A.-S., Koski, M. (1999). Sedimentation of copepod fecal material in the coastal northern Baltic Sea: Where did all the pellets go? Limnology and Oceanography 44: 1388-1399.
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62. Viitasalo, M., Rautio, M. (1998). Zooplanktivory by *Praunus flexuosus* (Crustacea: Mysidacea): functional responses and prey selection in relation to prey escape responses. Marine Ecology Progress Series 174: 77-87.
63. Katajisto, T., Viitasalo, M., Koski, M. (1998). Seasonal occurrence and hatching of calanoid eggs in sediments of the northern Baltic Sea. Marine Ecology Progress Series 163: 133-143.
64. Viitasalo, M., Kiørboe, T., Flinkman, J., Pedersen, L.W., Visser, A.W. (1998). Predation vulnerability of planktonic copepods: consequences of predator foraging strategies and prey sensory abilities. Marine Ecology Progress Series 175: 129-142.
65. Flinkman, J., Aro, E., Vuorinen, I., Viitasalo, M. (1998). Changes in northern Baltic zooplankton and herring nutrition from 1980s to 1990s: top-down and bottom-up processes at work. Marine Ecology Progress Series 165: 127-136.
66. Behrends, G., Korshenko, A., Viitasalo, M. (1997). Morphological aberrations in females of the genus *Acartia* (Copepoda, Calanoida) in the Baltic Sea. Crustaceana 70: 594-607.
67. Kiørboe, T., Saiz, E., Viitasalo, M. (1996). Prey switching behaviour in the planktonic copepod *Acartia tonsa*. Marine Ecology Progress Series 143: 65-75.

68. Viitasalo, M., Vuorinen, I., Saesmaa, S. (1995). Mesozooplankton dynamics in the northern Baltic Sea: implications of variations in hydrography and climate. Journal of Plankton Research 17(10): 1857-1878.
69. Viitasalo, M., Koski, M., Pellikka, K., Johansson, S. (1995). Seasonal and long-term variations in the body size of planktonic copepods in the northern Baltic Sea. Marine Biology 123(3): 241-250.
70. Viitasalo, M., Katajisto, T., Vuorinen, I. (1994). Seasonal dynamics of *Acartia bifilosa* and *Eurytemora affinis* (Copepoda: Calanoida) in relation to abiotic factors in the northern Baltic Sea. Hydrobiologia 292/293: 415-422.
71. Viitasalo, M., Katajisto, T. (1994). Mesozooplankton resting eggs in the Baltic Sea: identification and vertical distribution in laminated and mixed sediments. Marine Biology 120(3): 455-466.
72. Viitasalo, M. (1993). Mesozooplankton of the eastern Gulf of Finland in the summers of 1990-1992: community analysis and comparison with data from years 1905-1907. Memoranda Societatis Pro Fauna Flora Fennica 69: 97-106.
73. Schulz, S., Ærtebjerg, G., Behrends, G., Breuel, G., Ciszewski, P., Horstmann, U., Kononen, K., Kostrichkina, E., Leppänen, J.-M., Møhlenberg, F., Sandström, O., Viitasalo, M., Willén, T. (1992). The present state of the Baltic Sea pelagic ecosystem - an assessment. In: Colombo, G. et al. (eds.) Marine eutrophication and population dynamics. Proc. 25th European Marine Biology Symposium. Olsen & Olsen, Fredensborg, Denmark. pp. 35-44.
74. Viitasalo, M. (1992). Calanoid resting eggs in the Baltic Sea: implications for the population dynamics of *Acartia bifilosa* (Copepoda). Marine Biology 114(3): 397-405.
75. Viitasalo, M. (1992). Mesozooplankton of the Gulf of Finland and northern Baltic proper - A review of monitoring data. Ophelia 35(2): 147-168.
76. Viitasalo, M., Vuorinen, I., Ranta, E. (1990). Changes in crustacean mesozooplankton and some environmental parameters in the Archipelago Sea (Northern Baltic) in 1976-1984. Ophelia 31(3): 207-217.

## 2. Non-refereed scientific articles

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## 3. Scientific books (monographs)

1. Viitasalo, M., Kostamo, K., Hallanaro, E.-L., Viljanmaa, W., Kiviluoto, S., Salovius-Laurén, S., Ekebom, J., Blankett, P. (eds.) (2021). Havets skattkammare – En upptacksresa i Finlands marina undervattensnatur (Treasures of the Sea – Expedition to the Underwater Marine Environment of Finland; in Swedish). Gaudeamus, Helsinki. 535 pp.
2. Mattila, H. (ed.) (2020). Elämän verkko. Luonnon monimuotoisuutta edistämässä. Gaudeamus, Helsinki. Viitasalo, M., Blankett, P., Varjopuro, R. (2020): Merten monimuotoisuus (Chapter: Biodiversity of the Seas). Gaudeamus, Helsinki. Pp. 106-135.
3. Korpinen, S., Laamanen, M., Suomela, J., Paavilainen, P., Lahtinen, T., Ekebom, J. (eds.) (2018). Suomen meriympäristön tila (The state of the Marine Environment in Finland; in Finnish). Viitasalo, M. (2018): Luku 6: Itämeren tilan ja käytön kehitys (Chapter 6: The development of the state and usage of the Baltic Sea). Suomen ympäristökeskus Julkaisuja 2018. Helsinki. Pp. 217-228.
4. Viitasalo, M., Kostamo, K., Hallanaro, E.-L., Viljanmaa, W., Kiviluoto, S., Ekebom, J., Blankett, P. (eds.) (2017). Meren Aarteet – Löytöretki Suomen vedenalaisen meriluontoon (Treasures of the Sea – Expedition to the Underwater Marine Environment of Finland). Gaudeamus, Helsinki. 520 pp.
5. Ivarsson M., Magnussen K., Heiskanen A-S, Navrud S., Viitasalo M (2017). Ecosystem Services in MSP - Ecosystem Services approach as a common Nordic understanding for MSP. TemaNord 2017:536. 167 pp. ISBN 978-92-893-5013-6.
6. Raateoja, M., Setälä, O. (eds.) (2016). The Gulf of Finland Assessment. Viitasalo et al. (23 authors) (2016): Chapter: Biodiversity. Reports of the Finnish Environment Institute 27. Pp. 190-223.
7. Bäck, S., Ollikainen, Bonsdorff, E., Eriksson, A., Hallanaro, E.-L., Kuikka, S., Viitasalo, M., Walls, M. (eds.) (2010). Itämeren tulevaisuus (Future of the Baltic Sea; in Finnish). Gaudeamus, Helsinki.

#### 4. Publications intended for professional communities

1. Koponen, S., Väkevä, S., Jokinen, A.-P., Virtanen, E., Viitasalo, M., Blenckner, T. (2022): Blue Carbon Habitats – a comprehensive mapping of Nordic salt marshes for estimating Blue Carbon storage potential. TemaNord 2022:506 Nordic council of Ministers. 33 pp.
2. Ahola, M., Bergström, L., Blomqvist, M, et al. (altogether 78 authors) (2021): Climate Change in the Baltic Sea. 2021 Fact Sheet. Baltic Sea Environment Proceedings no 180. HELCOM/Baltic Earth 2021. 86 pp.
3. Kostamo, K., Viitasalo, M., Virtanen, M., Korpinen, S., Karvinen, V., Nurmi, M., Mikkola-Roos, M., Varjopuro, R. (2020). Ekosysteemilähestymistavan soveltaminen merialuesuunnitelman laadinnassa (Ecosystem approach to Maritime Spatial Planning). Merialuesuunnittelu 2020. 50 pp. ISBN 978-952-320-040-1
4. Virtanen, E., Niemelä, W., Bekkby, T., Gonçalves, J., Laamanen, L., Lillis, H., Manca, E., Pesch, R., Tempera, F., Vasquez, M., Viitasalo, M., Castle, L., O'keefe, E. (2019): Review and compilation of habitat models in European seas. EMODnet Seabed Habitats. 24 pp.
5. Snickars, M., Arnkil, A., Ekebohm, J., Kurvinen, L., Nieminen, A., Norkko, A., Riihimäki, A., Taponen, T., Valanko, S., Viitasalo, M. & Westerbohm, M. (2016): Assessment of the status of the zoobenthos in the coastal waters of western Uusimaa, SW Finland – a tool for management. Nature Protection Publications of Metsähallitus. Series A 224. 53 pp.
6. Boon, A.R., Uyarra, M.C., Heiskanen, A.-S., Borja, A., van der Meulen, M., Stolte, W., Galparsoro, I., Viitasalo, M., Garmendia, J.M., Murillas, A. (2016): Mapping and assessment of marine ecosystem services and link to Good Environmental Status (phase 1) – Roadmap for integrated approach to a marine MAES. - Deltares Report 1210689-000-ZKS-0018. 63 pp.
7. Viitasalo, M., Viljanmaa, W. (2013, 2014,... 2022). Vedenalaisen meriluonnon monimuotoisuuden inventointiohjelman (VELMU) toimintakertomus [year]. SYKE. (Annual reports of the Finnish Inventory Programme for Marine Underwater environment VELMU; in Finnish. Reports available through [www.ymparisto.fi/velmu](http://www.ymparisto.fi/velmu).)
8. Peltonen, H., Varjopuro, R., Viitasalo, M. (2013). Climate Change impacts on the Baltic Sea fish stocks and fisheries – review with focus on Central Baltic herring, sprat and cod. In: (Kraup Leth et al (eds.). Sectoral impact assessments for the Baltic Sea Region – climate change impacts on biodiversity, fisheries, coastal infrastructure and tourism. Coastline Reports 21 (2013), ISSN 0928-2734, ISBN 978-3-939206-08-8. pp. 35-54.
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