



Baltic Earth

Earth System Science for the Baltic Sea Region

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New Challenges for Ocean Governance: Climate Change, Biodiversity, Deep-Sea Mining and shadow fleets

The oceans are increasingly becoming the focus of global ecological, political, economic and geopolitical challenges. Diverse uses, human intervention, and advancing climate change are leading to biodiversity loss and endangering the vulnerable marine ecosystem. In addition, there are questions regarding the regulation of deep seabed, as well as maritime security issues (e.g., shadow fleets). The current international law of the sea – which forms the basis for global ocean governance – is a framework agreement that needs to be further specified and cannot provide satisfactory answers to these complex challenges. Further international regulations and multilateral initiatives are needed.