The BOOS modelling programme (BMP) – activities, working groups and plans

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The BOOS modelling program (BMP) has recently undergone the effort to update and define new research and development priorities as a community. As an association of operational and research institutes in the Baltic Sea Region, BMP works on enhancing and integrating operational modelling capacities. On a goodwill basis the institutes support and inform each other on their operational ocean modelling activities, exchange know-how and tools. Communities networking activities and programs have been either established or strengthened. The operationalization of research will be intensified through interactions with external research groups (e.g. through workshops). One of the main objectives of the BMP is the scientific coordination of modelling activities under the BOOS and connected advancement of methodologies, such as coastal downscaling, coupling between different model compartments, data assimilation. Under the umbrella of BOOS, now joint working groups and projects have been formed on various future-relevant topics (e.g coastal modelling, marine plastics, region-specific NEMO model development, data assimilation, validation and multi-model ensemble). The BMP activities' outcomes are primarily thought to support operational model developments of the BOOS/Eurogoos Strategic Agenda. We will present the BMP in general and the individual working groups and their future plans in particular.