Supplementary information

Projected climate change impact on a coastal sea is comparable to current pressures combined

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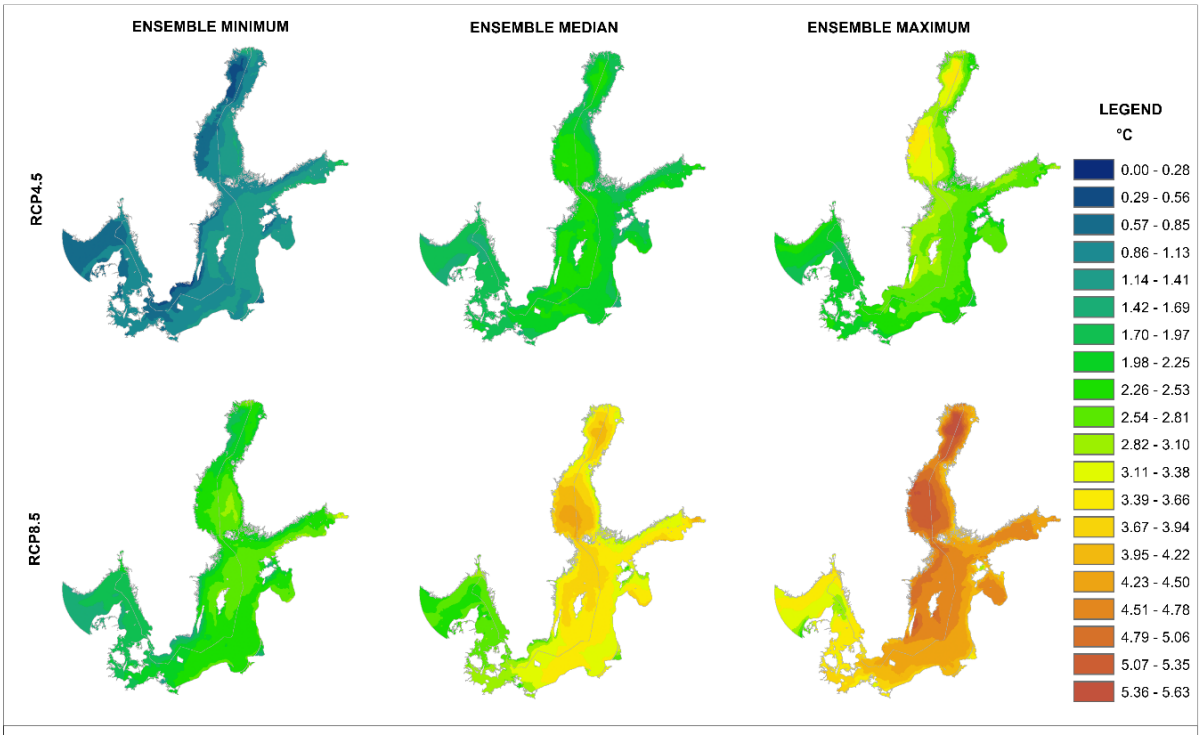
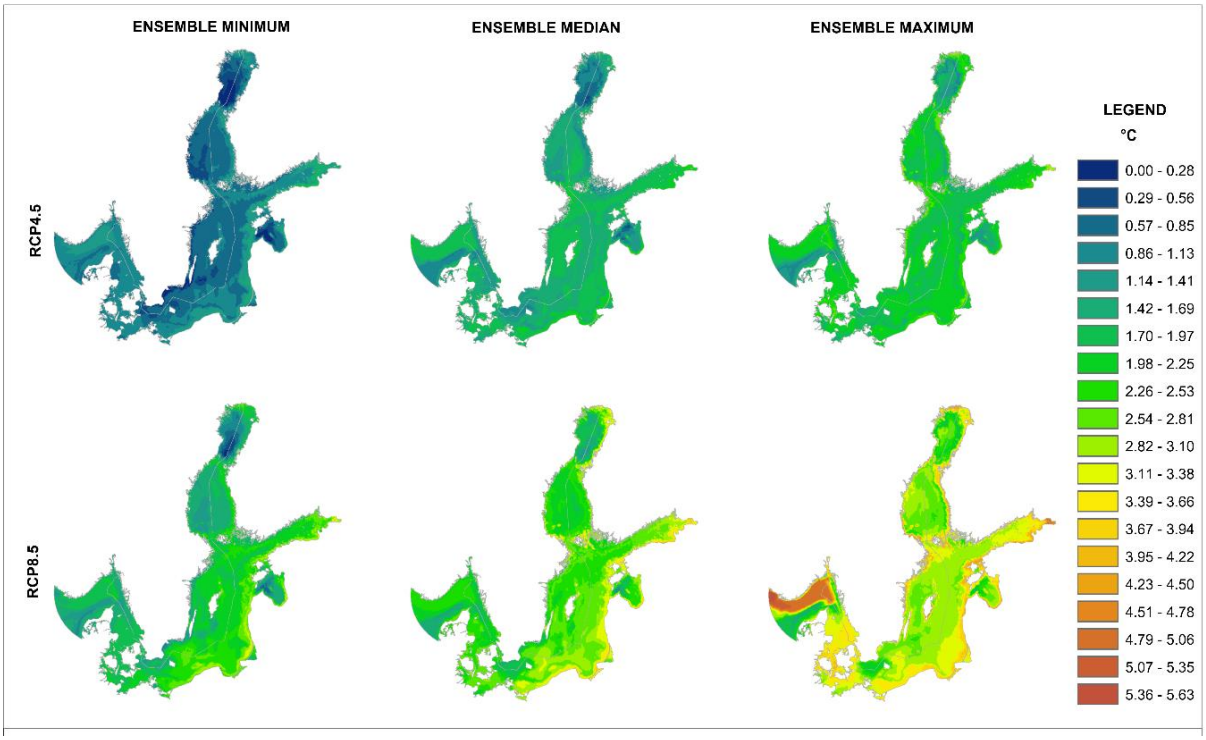
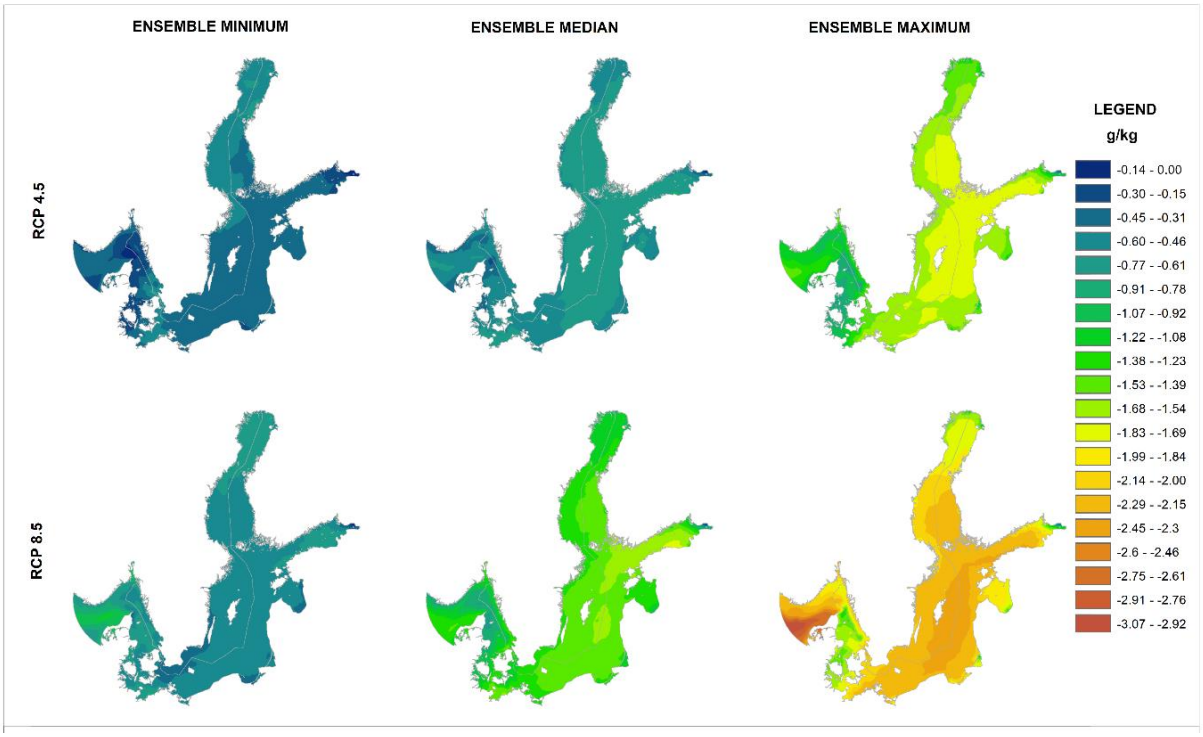


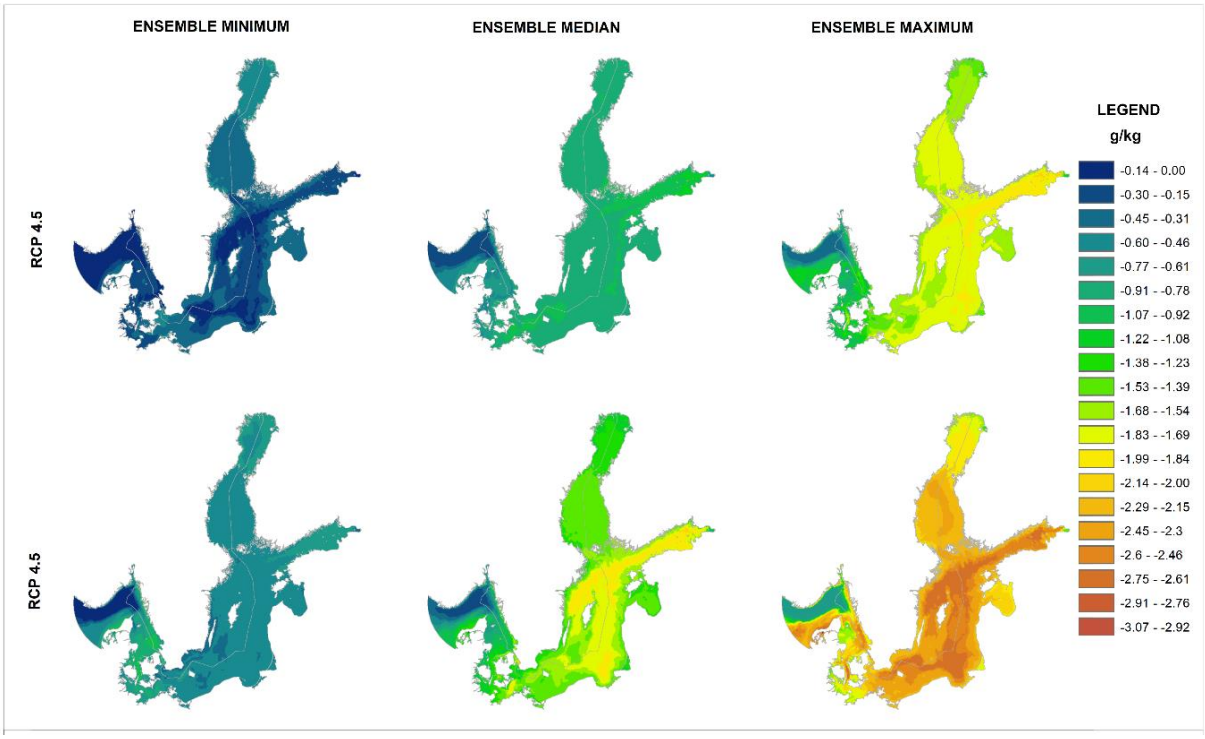
Supplementary Figure 1. Predicted change in average summer season (May-Aug) surface water temperature between 1976-2005 and 2070-2099 under two climate scenarios (RCP4.5 and 8.5) with the ensemble MINIMUM, MEDIAN and MAXIMUM for the five downscaled regional climate models.



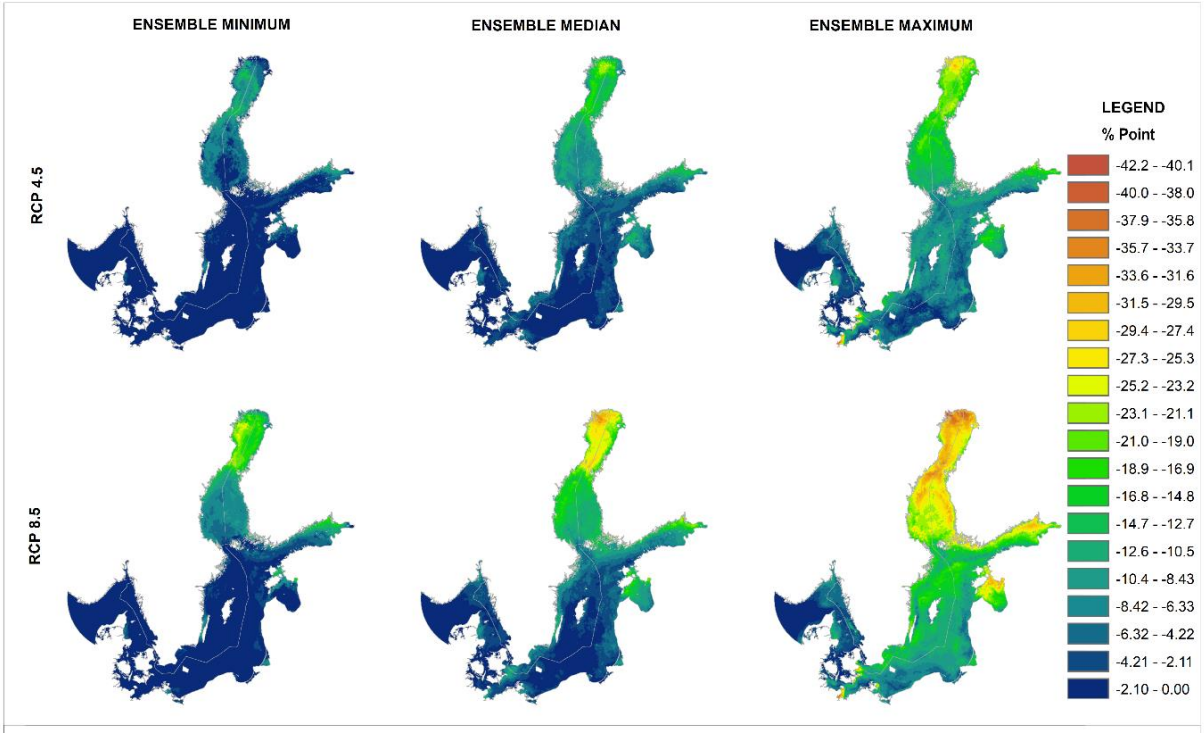
Supplementary Figure 2. Predicted change in average summer season (May-Aug) bottom water temperature between 1976-2005 and 2070-2099 under two climate scenarios (RCP4.5 and 8.5) with the ensemble MINIMUM, MEDIAN and MAXIMUM for the five downscaled regional climate models.



Supplementary Figure 3. Predicted change in average annual surface water salinity between 1976-2005 and 2070-2099 under two climate scenarios (RCP4.5 and 8.5) with the ensemble MINIMUM, MEDIAN and MAXIMUM for the five downscaled regional climate models.



Supplementary Figure 4. Predicted change in average annual bottom water salinity between 1976-2005 and 2070-2099 under two climate scenarios (RCP4.5 and 8.5) with the ensemble MINIMUM, MEDIAN and MAXIMUM for the five downscaled regional climate models.



Supplementary Figure 5. Predicted change in average winter (Nov-April) sea ice coverage between 1976-2005 and 2070-2099 under two climate scenarios (RCP4.5 and 8.5) with the ensemble MINIMUM, MEDIAN and MAXIMUM for the five downscaled regional climate models.