

Supplementary Information 1

Ensemble mapping as an alternative to baseline seafloor sediment mapping and monitoring

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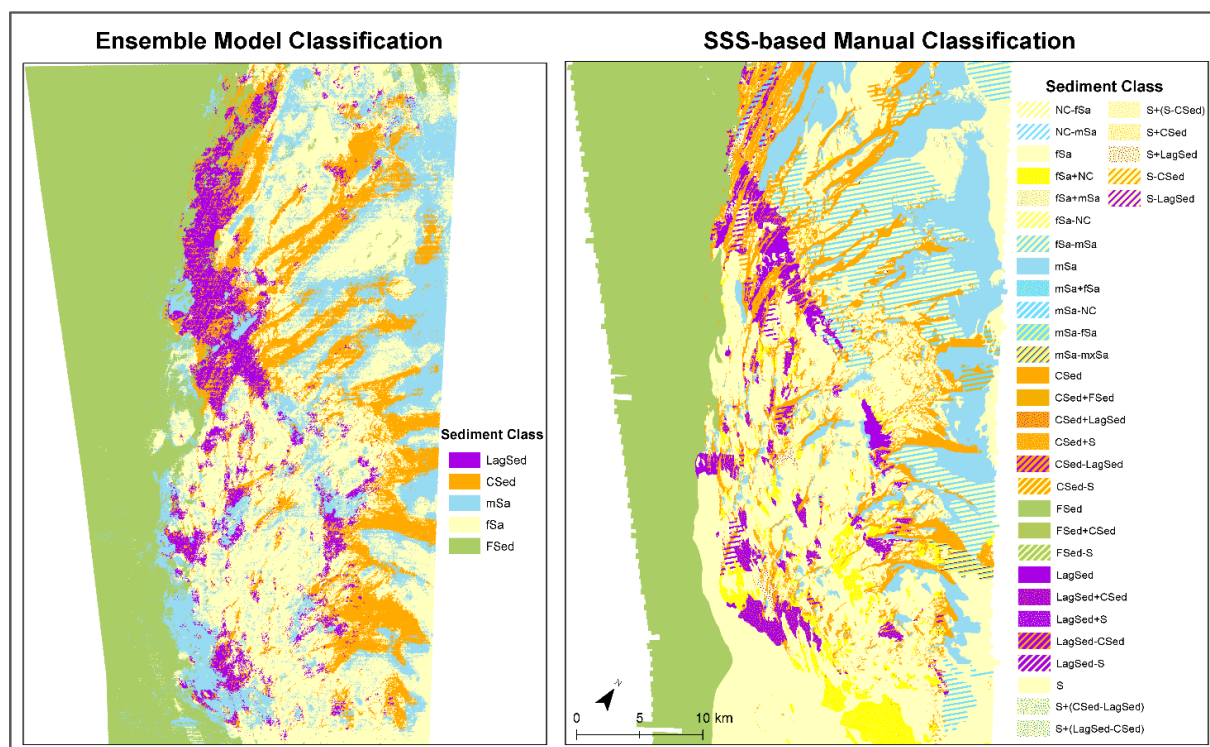
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Supplementary Figure 1. Comparison of modelled and the detailed version of the manually-classified map. The sub-classes of the manually-classified map were reclassified to match the number of classes of the modelled map during map comparison analysis.

Supplementary Table 1. BSH sediment classification scheme for seafloor mapping in German marine waters (BSH 2016). Level A category was used to classify our ground-truth samples.

Level A	Level B	Level C
Fine sediment (FSed)	not specified *	not classified **
	mud (M)	not classified
	sandy mud (sM)	
	muddy Sand (mS)	
Sand (S)	sand (S)	fine sand (fSa)
		medium sand (mSa)
		mixed sand (mxSa)
		coarse sand (cSa)
Coarse sediment (CSed)	not specified	not classified
	gravelly sand (gS)	
	sand gravel (sG)	
	gravel (G)	
Mixed sediments (MXSed)	not specified	not classified
	gravelly mud (gM)	
	gravelly muddy sand (gmS)	
	muddy sandy gravel (msG)	
	muddy gravel (mG)	
Lag sediment (LagSed)	not classified	not classified
not specified	not specified	not specified

* Not specified = lack of information and/or knowledge for the exact classification.

** Not classified = cannot be classified further in this level.