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Field work & results from the Måseskär dump site

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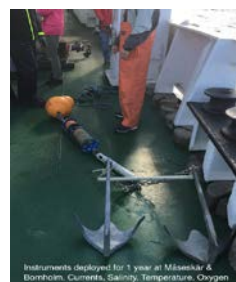
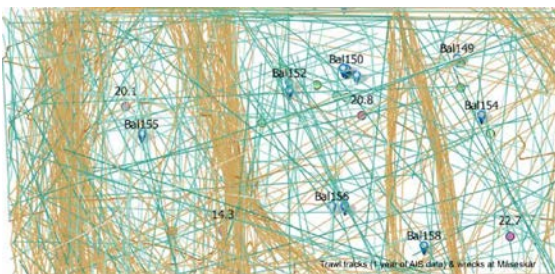
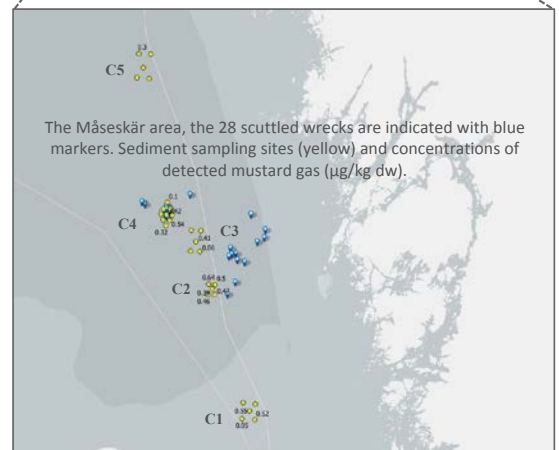
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A deep-water area used for dumping of CWA after WWII is the so-called Måseskär dumpsite in Skagerrak. Ships were loaded with munitions containing CWA and sunk.

During two expedition in 2017 & 2018 sampling, mapping, measurements and instrument deployments were carried out from Russian ships

Mustard gas was detected in 52 % of the sediment samples. Concentrations ranged from below limit of detection to 3.4 µg/kg (dw). Elevated As concentrations in around the dump site differed between 21.6- 8.5 µg/kg (dw) at 0-3 cm and significantly between the areas.

Meiofauna community composition differed significantly between the sampled areas. Elevated Arsenic was mainly responsible for this difference in the meiofaunal community composition.



daimon

Decision Aid for Marine Munitions

www.daimonproject.com

Duration: Mar 2016 – Feb 2019

Total budget: EUR 4.7 million

European Regional Development Fund: EUR 3.5 million

Norwegian Funding: EUR 0.1 millions