



Task 4.2.2 Spatial data layers with realistic extent estimates of lost and disturbed habitats

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Task 4.2.2 deliverables consists of spatial data products that were developed under the project. Table 1 contains name of dataset as well as link to metadata entry of the dataset and link to the dataset in HELCOM Map and Data service user interface.

Table 1

Spatial data product	Metadatalink	Map service link
Potential cumulative impacts on benthic habitats	http://metadata.helcom.fi/geonetwark/srv/eng/catalog.search#/metadata/37da2d55-cbdf-4399-851f-d2a6cd3abd33	http://maps.helcom.fi/website/mapservice/?datasetID=37da2d55-cbdf-4399-851f-d2a6cd3abd33
Physical loss (permanent effects on the seabed)	http://metadata.helcom.fi/geonetwark/srv/eng/catalog.search#/metadata/3f08ab21-7c37-41a2-9a13-f511f8e21f81	http://maps.helcom.fi/website/mapservice/?datasetID=3f08ab21-7c37-41a2-9a13-f511f8e21f81
Physical loss (permanent effects on the seabed)	http://metadata.helcom.fi/geonetwark/srv/eng/catalog.search#/metadata/3f08ab21-7c37-41a2-9a13-f511f8e21f81	http://maps.helcom.fi/website/mapservice/?datasetID=eaddf5e0-e25e-4cc0-bbf0-b2f58e2bbd9b

The dataset on potential cumulative impacts on benthic habitats was created based on separate analysis for potential cumulative impacts on only the benthic habitats, as these are particularly affected by physical pressures. In this case the evaluation was based on pressure layers representing physical loss and physical disturbance, combined with information on the distribution of eight broad benthic habitat types and five habitat-forming species (*Furcellaria lumbricalis*, *Mytilus edulis*, *Fucus sp.* and Charophytes).