



Environmental Oil Spill Sensitivity Atlas

for the

West Greenland Coastal Zone.

CD-version

The Danish Energy Agency
Ministry of Environment and Energy

Bureau of Minerals and Petroleum
Government of Greenland

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K.Q. Hansen, H. Kapel, S. Nielsen, N. Nielsen, F. von Platen, S. Potter, M. Rasch.

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Data sheet

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Abstract:	<p>This oil spill sensitivity atlas covers the shoreline and the offshore areas of West Greenland between 62° N and 68° N. The coastal zone are divided into more than 250 areas, and the offshore zone into 12 areas. For each area, a sensitivity index value is calculated and each area is subsequently ranked according to four degrees of sensitivity. Besides this general ranking, a number of smaller sites are especially selected as they are of particular significance, they are particularly vulnerable to oil spills and because an effective oil spill response can be performed. The shoreline sensitivity ranking are shown on 34 maps (in scale 1:250,000), which also show the different elements included. These maps also show the selected areas. Coast types logistics and proposed response methods along the coasts are shown on another 34 maps. The sensitivities of the offshore zones are depicted on 4 maps, one for each season. Based on all the information, appropriate oil spill response methods have been assessed for each area.</p>
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