

– SEARCH Open Science Meeting

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– **Coastal Erosion and Nutrient Balance of
the Arctic**

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Vetrov, 2001). Latest investigations have found that due to intensive thermoabrasion coastal sediment input into the Arctic is larger than globally observed and even exceeds that of rivers (MacDonald et al., 1998; Rachold et al., 2000). These observations contribute to understanding the marine

common for permafrost-affected soils with a limited humification rate. This explains the relatively low concentration of organic C in the sediments. The light weighted fraction contains vegetation fresh tissues, raw underdecomposed residues, peat, etc., and floats on the surface of the sea. This

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