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# Microbial responses to the release of DOC by sea ice and glacier melting in the East Greenland System

Insights into ice-ocean interactions and their biogeochemical effects

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Strong cross-shore gradient

DOC [ $\mu\text{M}$ ]

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COASTAL TRANSECT

TEP [ $\mu\text{g Xeq./L}$ ]

0 m

200 m


DON [ $\mu\text{M}$ ]

High concentration

Low concentration

South ---→ North

South ---→ North

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