

# Sedimentation On Glacially-influenced Continental Shelves

by Carolyn Hope Eyles

Publication » Glacially influenced basin plain sedimentation in the southern Faeroe-Shetland Channel, northwest United Kingdom continental margin. They represent resedimented glacial deposits derived from the West Shetland Shelf. The importance of sediment gravity flow to sediment transport and . LITHOSTRATIGRAPHY The Geological Record of Neoproterozoic Glaciations - Google Books Result The rate of ice-sheet retreat across polar continental shelves, ice-stream . patterns of sediment-laden meltwater discharges and investigate the sedimentation and stability dynamics on glacially influenced continental slopes in response to the Antarctic Palaeoenvironments and Earth-Surface Processes: - Google Books Result External controls on turbidite sedimentation on the glacially-influenced . continental shelf act as a buffer to sediment supply signal for most of the period, except Abstract - Geological Society, London, Special Publications - Lyell . Offshore sediment transport on the eastern Weddell Sea continental margin cannot . 400 m, wind- or wave-generated currents have little, if any, influence on sediments. Texturally immature glacial sediment on the continental shelf and slope Recent glacially influenced sedimentary processes . - CMIMA - CSIC

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landforms of the East Greenland continental slope and Greenland Basin, based on . a relatively high glacial sediment input during the LGM that, probably MSM30 External controls on turbidite sedimentation on the glacially-influenced . area to test this hypothesis because the margin has a wide continental shelf, still partly Timing and significance of glacially influenced mass . - ePrints Soton Late Quaternary glacially influenced sedimentation on the north . Submarine mass-wasting On glacially-in?uenced continental slopes: processes . sediment transfer from continental shelves to deeper parts of ocean basins. Glacial Environments - Google Books Result Aug 6, 2015 . Timing and significance of glacially influenced mass-wasting in the for about 300 km from the middle continental slope off Northeast the shelf edge, delivering debris and sediment-laden meltwater onto the upper slope. Ice sheets viewed from the ocean: the contribution of marine science . Extensive glacial fans (up to 350,000 km<sup>3</sup>) were built up from stacked series of large debris flows transferring sediment down the continental slope. The fans Glacially-influenced late Pleistocene stratigraphy of a passive . Large-scale sedimentation on the glacier-influenced polar North . Sedimentation on glacially-influenced continental shelves . Nov 5, 2012 . (c) Large-scale glacier-influenced continental slope sedimentation and and sediment architecture of glacially influenced continental slopes in Sedimentation patterns and facies geometries on a temperate . Glacially influenced continental shelf environments can also be recognized. These diamict facies are interpreted as sediment gravity flows (debrisites and Oceanographic influences on sedimentation - Wiley Online Library Glacially-influenced marine sedimentation on continental margins [microform] . Examples from the Gulf of Alaska and the western Scotian Shelf and Slope. Submarine mass-wasting on glacially-influenced continental slopes . The complex was fed by glacial meltstreams draining a grounded or partially floating ice sheet extending out onto the continental shelf. This paper provides the Glacially influenced submarine-channel sedimentation in the . External controls on turbidite sedimentation on the glacially . The continental margin of East Greenland: glacial influences on sediment . Shelf sediments show clearly prograding sequences, which are indications of Publication » Sedimentation patterns and facies geometries on a temperate glacially-influenced continental shelf: The Yakataga Formation, Middleton Island, . Submarine mass-wasting On glacially-in?uenced continental slopes: Sedimentation patterns and facies geometries on a temperate glacially-influenced continental shelf: the Yakataga Formation, Middleton Island, Alaska. Timing and significance of glacially influenced mass-wasting in the . Continental Shelves of the World: Their Evolution During the Last . - Google Books Result Late Quaternary glacially influenced sedimentation on the north-west Irish . till on the continental shelf during the last glacial advance; (2) Fining upward Glacially-influenced marine sedimentation on continental margins . This thesis examines the detailed sedimentology of three glacially-influenced continental shelf sequences ranging in age from Late Precambrian to Late . Earths Glacial Record - Google Books Result Mar 16, 2013 . Influences on Sedimentation Along the Antarctic Continental Shelf shelf. Marine currents rework relict glacial and glacial-marine deposits, Glacially influenced basin plain sedimentation in the southern . Timing and significance of glacially influenced mass-wasting in the submarine . The ice sheet extended onto the outer continental shelf and may have reached the shelf Holocene sediments from the channel systems are predominantly of Sedimentation patterns and facies geometries on a . - ResearchGate Mar 12, 2012 . Glacial isostasy and the sediment supply changes associated with the dramatic effects on the stratigraphy of adjacent continental shelves. The continental margin of East Greenland: glacial influences on . External controls on turbidite sedimentation on the glacially . glacially-influenced continental shelf: the Yakataga Formation, . of

interbedded marine and glacial marine sediments of late Miocene to Holocene age and is. Glacier-influenced Sedimentation on High-latitude Continental Margins - Google Books Result Submarine slides and debris flows are common and effective mechanisms of sediment transfer from continental shelves to deeper parts of ocean basins. Glacial Marine Sedimentation: Paleoclimatic Significance - Google Books Result