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Deep-Water Contourite Systems: Modern Drifts and Ancient Series, Seismic and Sedimentary Characteristics. Geological Society, London, Memoirs, 22. AKHURST, M. C., STOW, D.

Deep-Water Contourite Systems: Modern Drifts and Ancient ...
Countourites are a widespread but poorly known group of sediments linked to the action of powerful bottom currents in deep water. Although we know they are especially common along continental margins and through oceanic gateways, they have been surrounded by contoversy since they were first recognized in the early 1960s.

Deep-Water Contourite Systems: Modern Drifts and Ancient ...
Deep-Water Contourite Systems: Modern Drifts and Ancient Series, Seismic and Sedimentary Characteristics edited by D. A. V. Stow, C. J. Pudsey, J. A. Howe, J.-C. Faugeres and A. R. Viana Contourites are a widespread but poorly known group of sediments linked to the action of powerful bottom currents in deep water.

Deep-Water Contourite Systems: Sedimentary Characteristics
Deep-Water Contourite Systems: Modern Drifts and Ancient Series, Seismic and Sedimentary Characteristics. Product Code: M0022. Series: GSL Memoirs. Author/Editor: Edited by D A V Stow, C J Pudsey, J A Howe, J-C Faugeres & A R Viana. Publication Date: 14 March 2003.

Deep-Water Contourite Systems: Modern Drifts and Ancient ...
Deep-Water Contourite Systems: Modern Drifts and Ancient Series, Seismic and Sedimentary Characteristics. Geological Society, London, Memoirs, 22. AKHURST, M. C, STOW, D. A. V. & STOKER, M. S. 2002. Late Quaternary glacigenic contourite, debris flow and turbidite process interaction in the Faroe-Shetland Channel, NW European continental margin.

Deep-Water Contourite Systems: Modern Drifts and Ancient ...
Deep-water contourite systems: modern drifts and ancient series, seismic and sedimentary characteristics

Deep-water contourite systems: modern drifts and ancient ...
Contourites, formed by oceanic currents which circulate along the continental slope, are often alterated by "turbiditic" sedimentary events. These turbiditic deposits are formed by gravitational processes at the seabed sharpest slopes, transverse to the continental slope.

Contourites - AAPG Wiki
A contourite is a sedimentary deposit commonly formed on continental rise to lower slope settings, although they may occur anywhere that is below storm wave base. Countourites are produced by thermohaline-induced deepwater bottom currents and may be influenced by wind or tidal forces. The geomorphology of contourite deposits is mainly influenced by the deepwater bottom-current velocity, sediment supply, and seafloor topography.

Contourite - Wikipedia
Deep-Water Contourite System: Modern Drifts and Ancient Series, Seismic and Sedimentary Characteristics (Geological Society Memoir): D. A. V. Stow, D. A. V. Stow, C ...

Deep-Water Contourite System: Modern Drifts and Ancient ...
Deep-water turbidite and related reservoirs will be at the forefront of oil and gas exploration and production for at least the next 25 years. The principal targets will be deep passive margin basins, but also any deep-water system with adequate source-rock recharge potential. Further work on deep-water source rocks is essential.

Deep-water sedimentary systems: New models for the 21st ...
This type of contourite deposit is related to deep channels, passageways or gateways through which the bottom circulation is constrained so that flow velocities are markedly increased (e.g., Vema Channel, Kane Gap, Samoan Passage, Almirante Passage, Faroe-Shetland Channel etc.). Gateways are very important narrow conduits that cut across the sills between ocean basins and thereby allow the exchange of deep and intermediate water masses.

Contourite - an overview | ScienceDirect Topics
Deep-water Contourite Systems: Modern Drifts and Ancient Series, Seismic and Sedimentary Characteristics. Dorrik A. V. Stow. Geological Society of London, 2002 - Science - 464 pages. 0 Reviews .

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Sediment drifts and deep-sea channel systems, Antarctic ...
Lowpermeability, fine-grained contourites have been found recently to play a critical role in slope stability by providing potential overpressured glide planes, either when their high-water-content...

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Deep-Water Contourite System: Modern Drifts and Ancient ...
Contourite drifts were first described in the North Atlantic Ocean, where they were called "outer ridges" or "sediment drifts" (e.g., McCave and Tucholke, 1986). Present at most of modern continental margins, they are as frequent as deep-sea turbidite systems, occurring anywhere from the abyssal seafloor to slope settings.

Contourite | SpringerLink
Bottom currents, contourites and deep-sea sediment drifts: current state-of-the-art Bottom currents, contourites and deep-sea sediment drifts: current state-of-the-art 1862390924

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There are no detailed local & Careful revision of existing facies models, both for oceanographic data on bottom currents along the seafloor in most of the areas studied to date, especially where ancient and modern marine deposits, including their association with other deep-water sedimentary facies, erosional contourite features are present. their occurrence and recognition in modern and ancient & Deep-water processes related to flow phenomena such depositional sequences (Fig. 10), and their ...