

# Deep-water sedimentation in the Alpine Basin of SE France - new perspectives on the Grès d'Annot and related systems

Geological Society - Onlap architecture

Description: -

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Ten commandments.

Tuscany (Italy) -- Kings and rulers -- Biography.

Holy Roman Empire -- History -- Henry IV, 1056-1106.

Italy -- History -- Germanic rule, 962-1268.

Matilde, di Canossa, contessa, 1046-1115.

Sandstone -- France -- Alpes-Maritimes (Dept.)

Facies (Geology) -- France -- Alpes-Maritimes (Dept.)

Sediments (Geology) -- France -- Alpes-Maritimes (Dept.)

Turbidites -- France -- Alpes-Maritimes (Dept.)

Geology, Stratigraphic -- Tertiary. Deep-water sedimentation in the Alpine Basin of SE France - new perspectives on the Grès d'Annot and related systems

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Tags: #Deep

## [Book] Deep

Understanding a high net-to-gross confined deep-water systems in SE France. Understanding a high net-to-gross confined deep-water systems in SE France. DISCUSSION Based on the similarity between facies transitions and associations seen in this confined basin and those in unconfined or weakly confined submarine lobes , e.

## Geochemical variability

The applicability of these facies associations to confined lobes and the complex system-scale stacking patterns that they may produce is only recently being investigated e. Author: Publisher: ISBN: Category: Petroleum Page: View: 705 High-latitude settings are sensitive to climatically driven palaeoenvironmental change and the resultant biotic response.

## Geochemical variability

Data collected in this study also support the compiled data of , with thinner-bedded turbidites having lower thinning rates than thicker-bedded turbidites and consequently draping topography , ,.

## Deep Water Sedimentation In The Alpine Basin Of Se France

Paleocurrent data are associated with one sedimentary log or series of logs from one locality. Higher resolution 1:2 scale logs were collected from some beds approaching onlap.

## Deep

The intimate relationship between geology and fluid flow is explored throughout, showing how the impact of fluid type, displacement mechanism and the subtleties of single- and multi-phase flow combine to influence reservoir model design. It is suggested that the pattern of termination trends may be used to predict the termination style expected at a given point on the onlap surface.

### **Deep Water Sedimentation In The Alpine Basin Of Se France**

Sediment-gravity-flow evolution across unconfined deep-water settings results in a fairly uniform radial spreading and deceleration of flows, and development of elongate to lobate sedimentary bodies with predictable facies transitions e. The observations of stratigraphic contacts made during this study most closely agree with those made by ; therefore their geological map was used for placement of sedimentary logs within members and for the intra-member correlation of sedimentary logs ., Deep-water Sedimentation in the Alpine Basin of SE France Philippe Joseph, Simon A.

### **Synsedimentary tectonics**

The Caban Conglomerate and Ystrad Meurig Grits Formation — nested channels and lobe switching on a mud-dominated latest Ashgill to Llandovery slope-apron, Welsh Basin, UK J. The sedimentary succession is richly fossiliferous, yielding diverse invertebrate, vertebrate and plant fossil assemblages, allowing the reconstruction of both terrestrial and marine systems.

### **Synsedimentary tectonics**

The onlap geometry 3D shape of an event bed or sequence of related event beds at pinch-out and facies internal sedimentary characteristics of an event bed at pinch-out A , herein termed onlap termination, are controlled by: 1 flow magnitude, duration, velocity, thickness, concentration, and sediment composition; 2 the gradient and incidence angle of the counter-slope; and 3 seafloor composition and induration.

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