

# Alluvial sedimentation

**Blackwell Scientific Publications - Tectonics and alluvial sedimentation of the upper Oligocene/lower Miocene Vasquez Formation, Soledad basin, southern California**



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## Termination of fluvial

Restoration of the Soledad basin to its Oligocene orientation indicates that southeast-northwest extension caused rifting and heralded Vasquez deposition in small, rapidly subsiding basins. During low flow or the waning stages of flash floods when water is confined to stream channels, braided stream deposits are laid down. During episodes of waning discharge water flows were restricted into low sinuosity channels.

## Alluvial sedimentation and tectono

This can occur when there is a large amount of rain, rapid snow or ice melt, a blast of water onto a coastline during a storm, or the failure of manmade infrastructures, such as dams or levees. Based on mammal sites Alcalá et al.

## Termination of fluvial

During the highpoint in a flood water escapes the main channel and creates a sheet flood of well-sorted sand or fine gravel with little or no silt or clay midfan sheets are typically well-sorted, well stratified, and cross-bedded. This resulted in reactivation of Alpine compressional early Cenozoic and Mesozoic extensional structures and initiation of new normal faults. Learn more about floods with these resources.

**Alluvial Sedimentation (Special Publication 17 of the IAS) (International Association Of Sedimentologists Series): Marzo, M., Puigdefabregas, C.: 9780632035458: skynet2550.us.to: Books**

Each association was defined by its lithology, bed shapes, textural features and sedimentary structures, and represents a different sedimentary subenvironment. This information should not be considered complete, up to date, and is not intended to be used in place of a visit, consultation, or advice of a legal, medical, or any other professional.

## Sedimentation Associated with Logging in Low Gradient by Andrew W. Simmons

The purpose of this paper is to establish the tectono-sedimentary Pliocene evolution of a narrow zigzag basin margin and to analyse the role of both

the inherited fracture network and a spatially and temporally heterogeneous stress field in the selective reactivation and propagation of faults and on alluvial sedimentation.

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