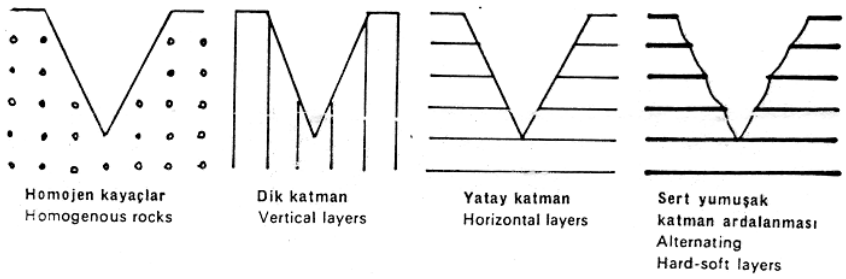
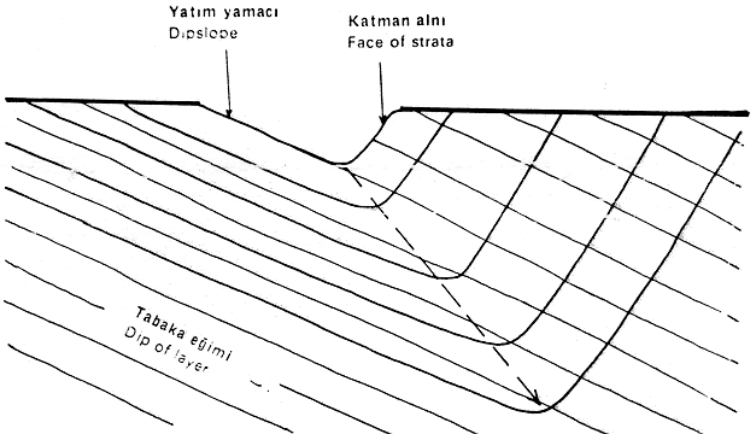
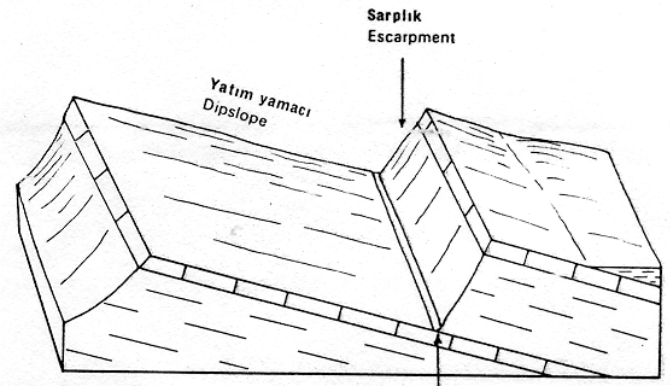
Simetrik vadiler



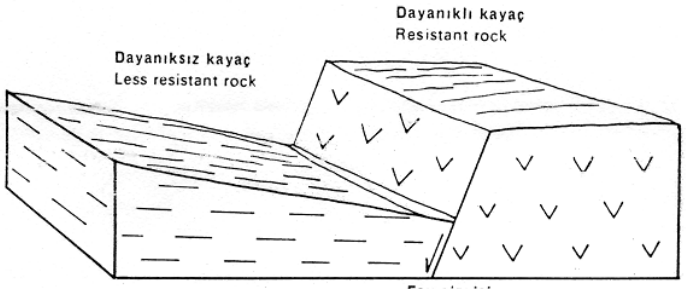
Asimetrik vadilerin oluşumu



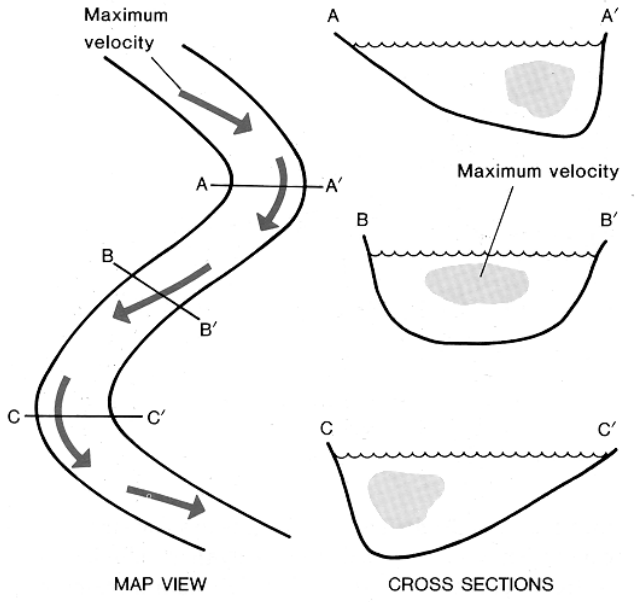
Bir akarsu yatağının tek yönlü kayması (uniclinal shifting)

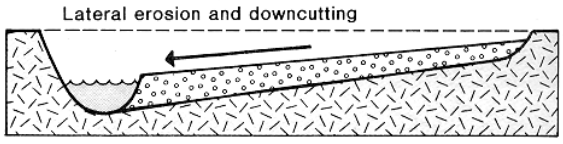


Kuesta yörelerinde asimetrik vadi oluşumu

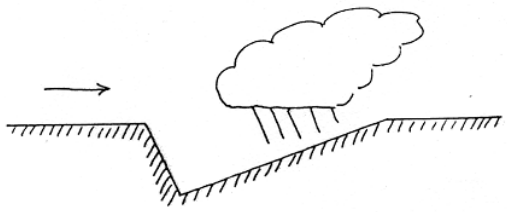


Kayaç sertliğine bağlı asimetrik vadi oluşumu



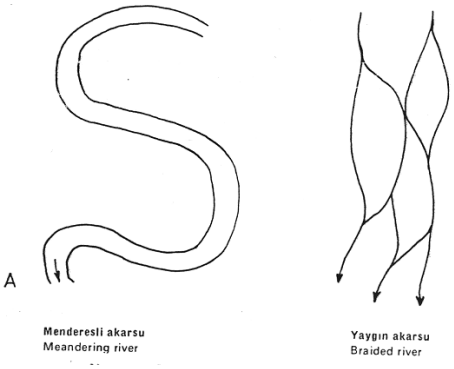


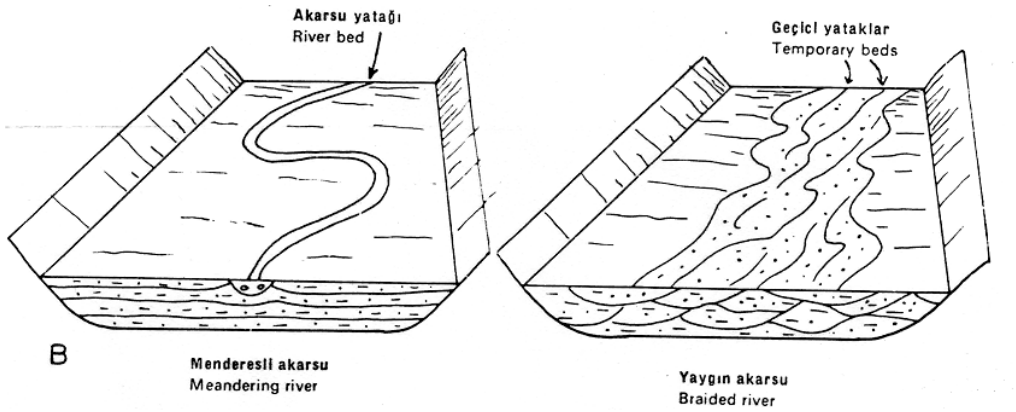
Mendereslerin oluşturduğu asimetrik vadi

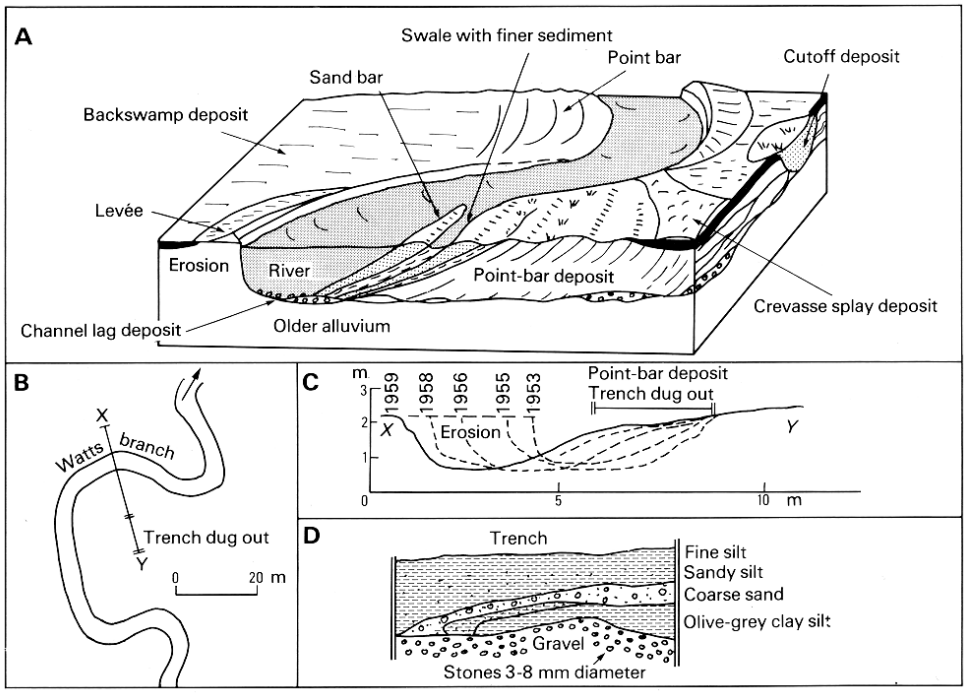


Bir yamacın aşırı yağış alması nedeniyle oluşan vadi asimetrisi

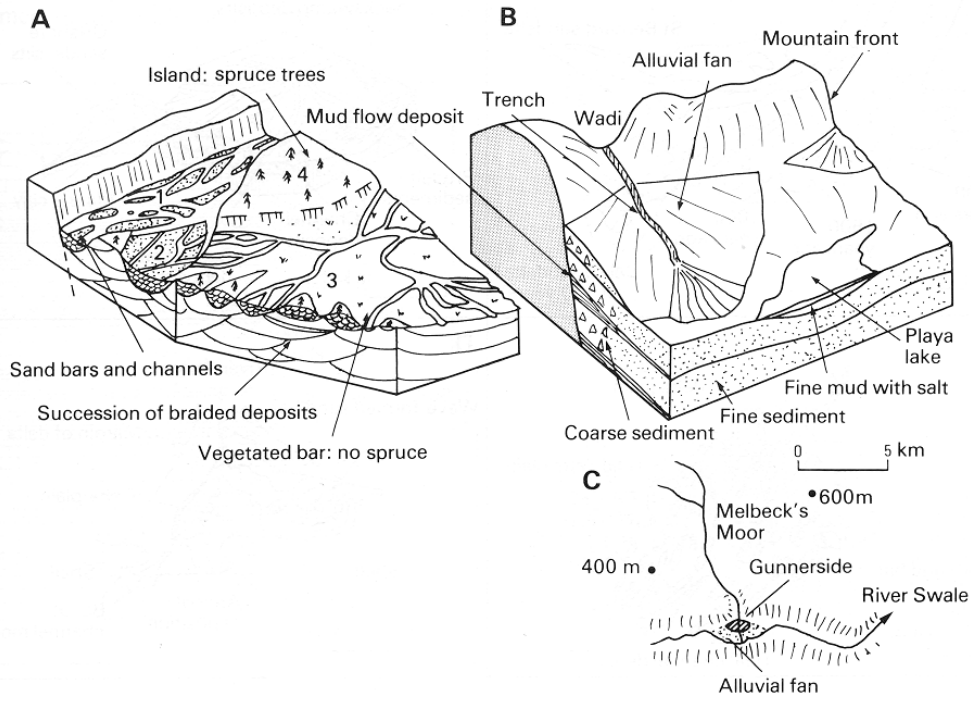
Akarsu yatağı tipleri



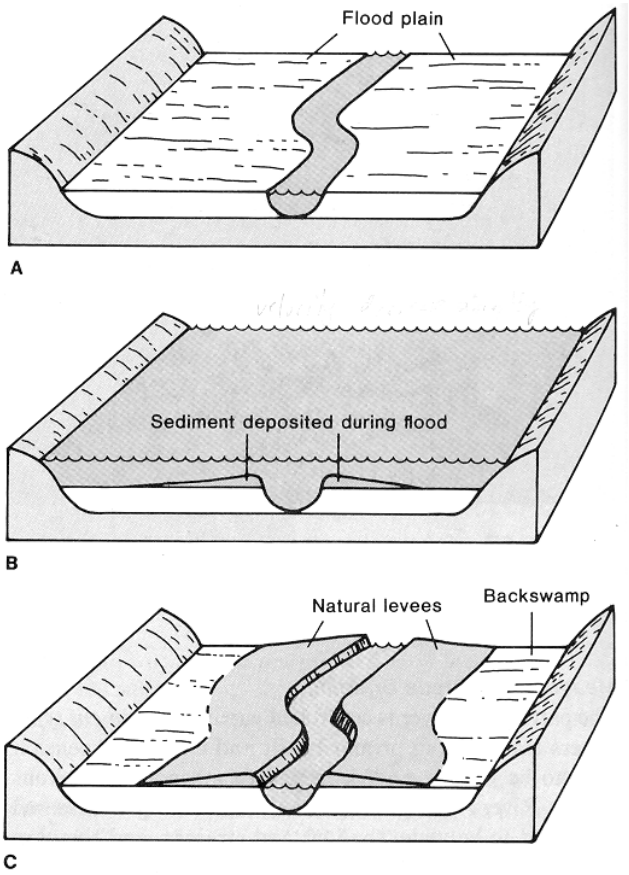




Menderesli akarsu vadi tabanında oluşan yapılar ve çökeller

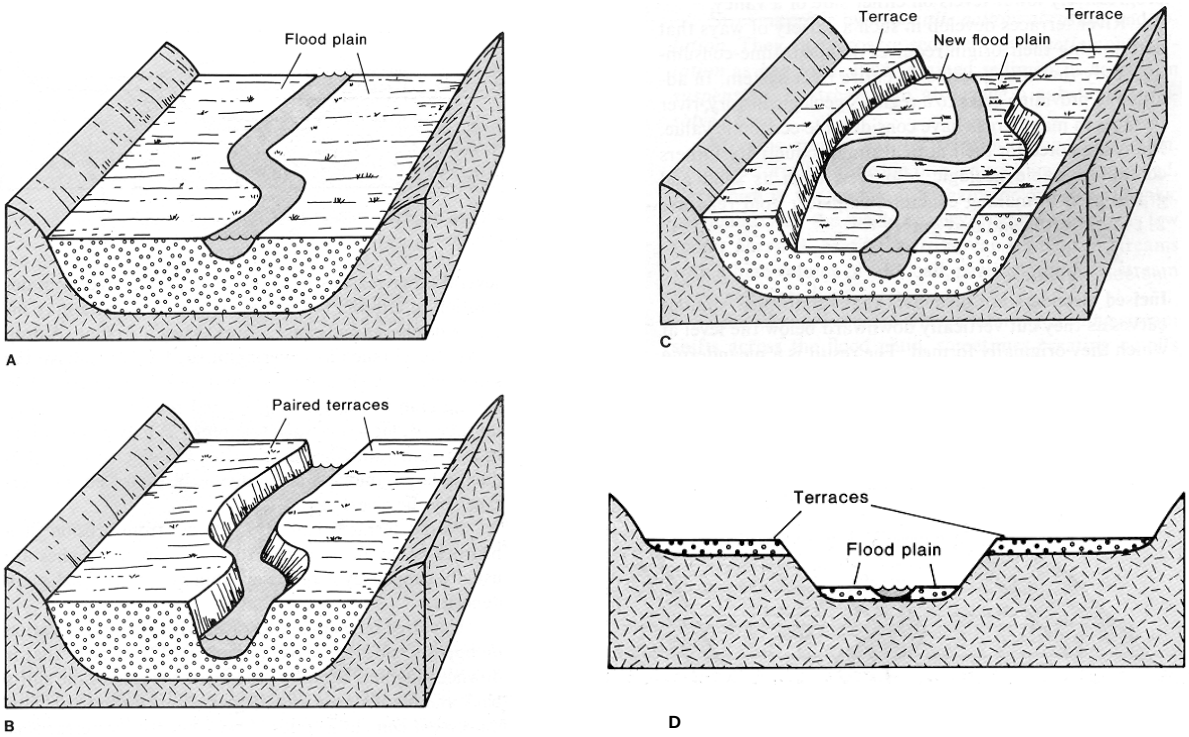


Yaygın/örgülü akarsu vadi tabanında oluşan yapılar ve çökeller

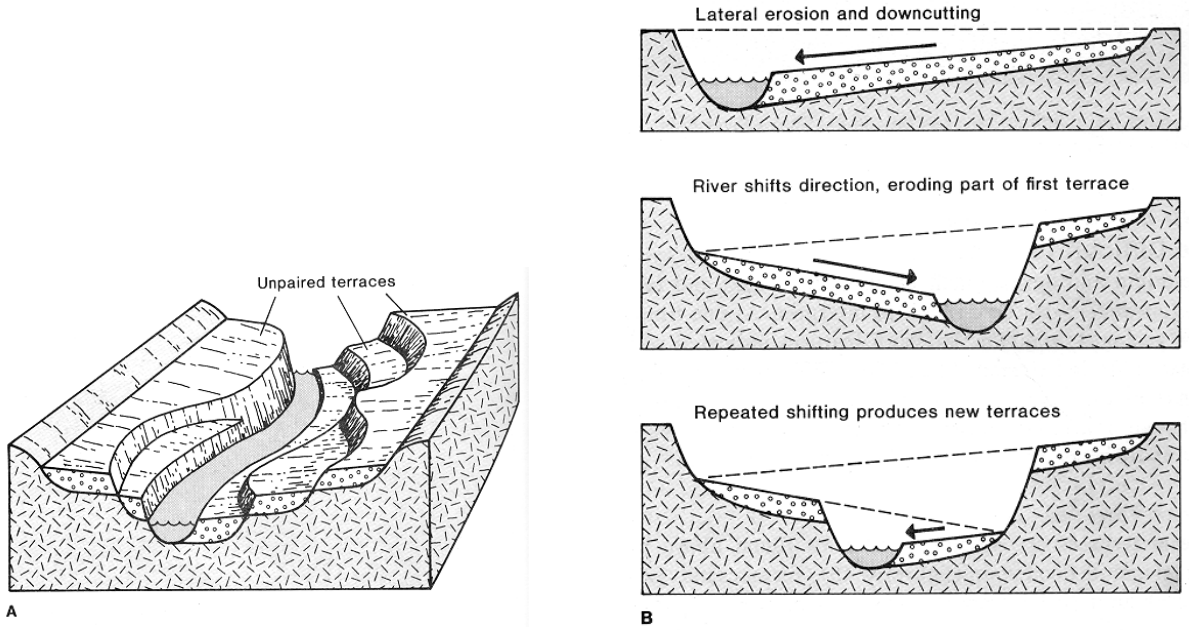


Natural Levee oluşumu

Teras ve teras oluşumu

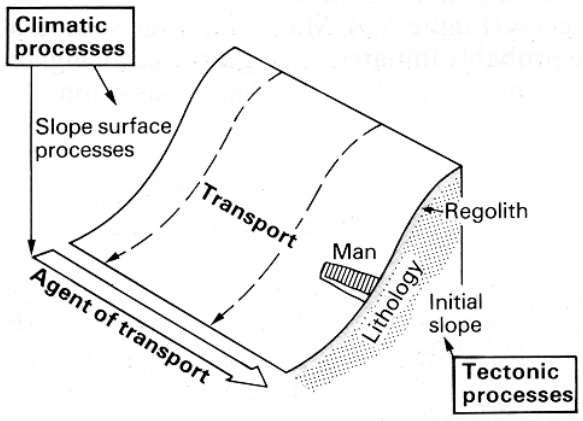


A,B,C dolgu üzerinde gelişmiş dönemli (paired) terasların oluşumu. D, ana kaya üzerinde oluşmuş dönemli teras.

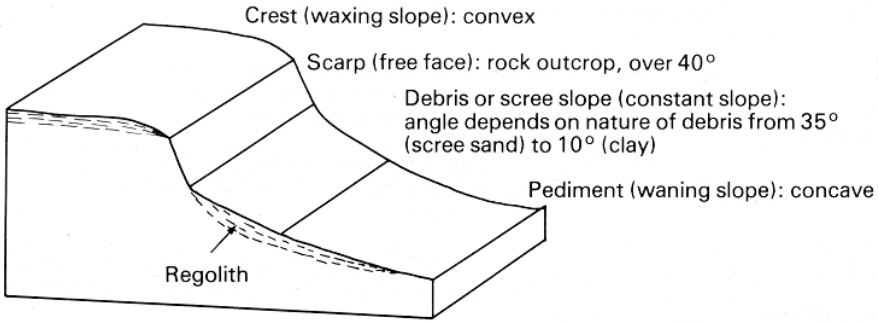


A. Dönemsiz (unpaired) teras, B. Dönemsiz teras oluşumu.

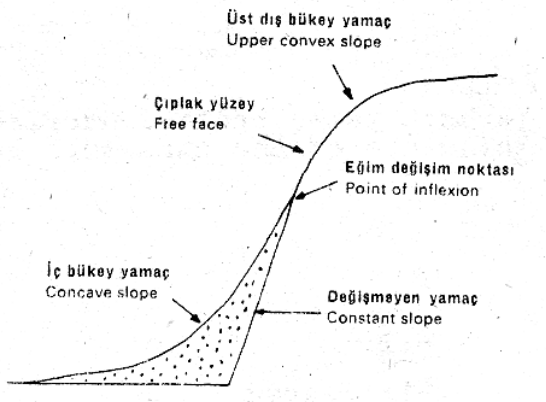
V. YAMAÇ VE YAMAÇ EVRİMİ (Slope and Slope evolution)



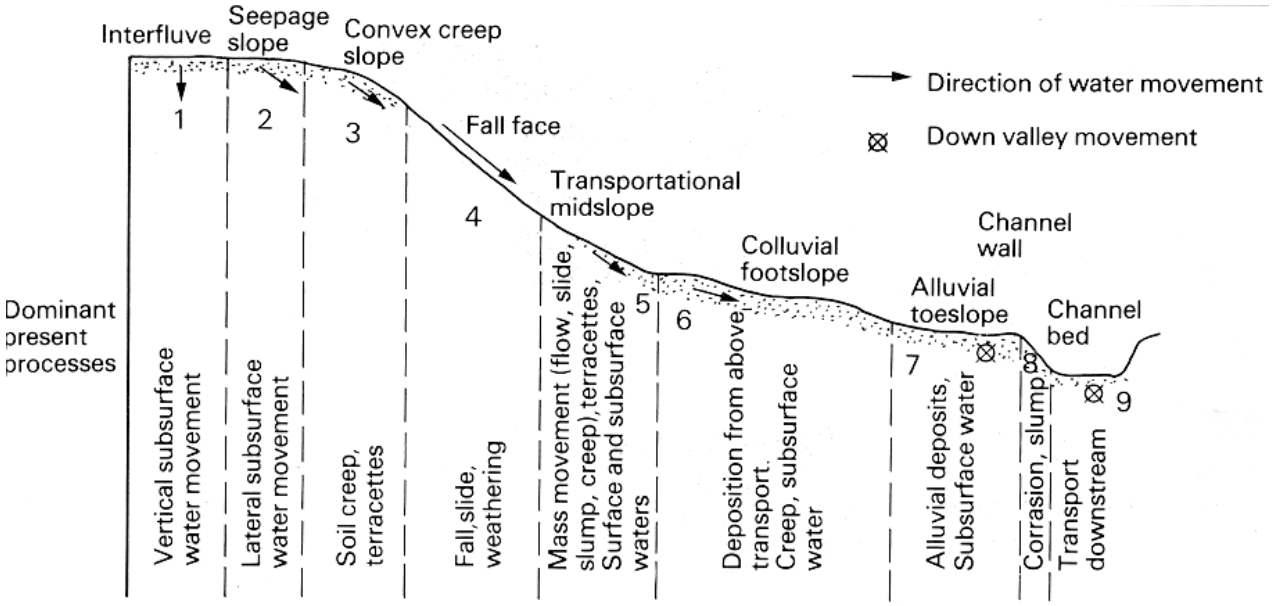
Bir yamacı etkileyen süreçler (process)



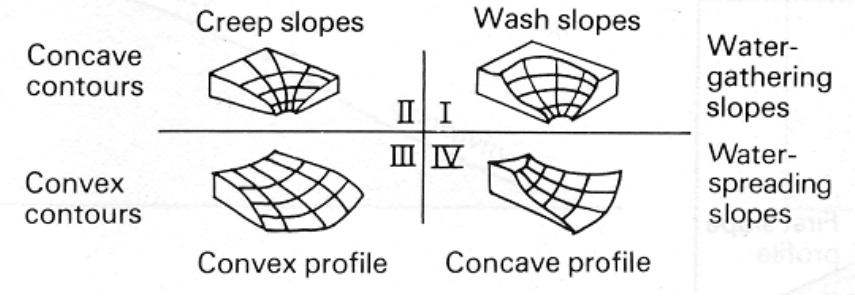
Tipik bir yamaçta oluşan bölümler



Bir yamacın tipik profili

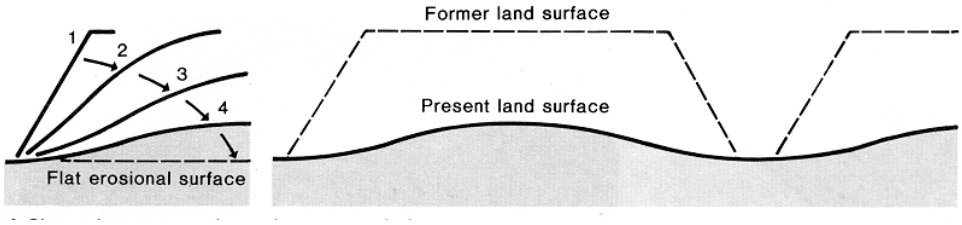


Yamaç sınıflamasında 9 birim modeli (9 unit classification)

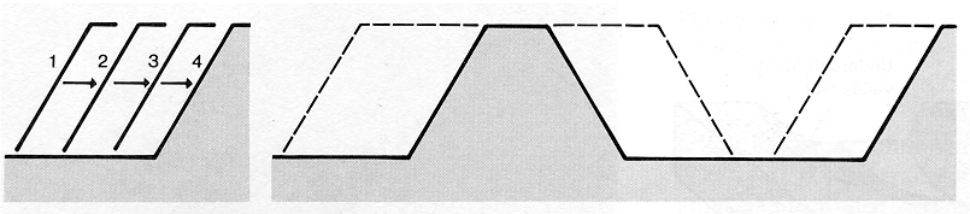


Yamaçların eş yükseklik eğrilerinin tipine göre sınıflaması

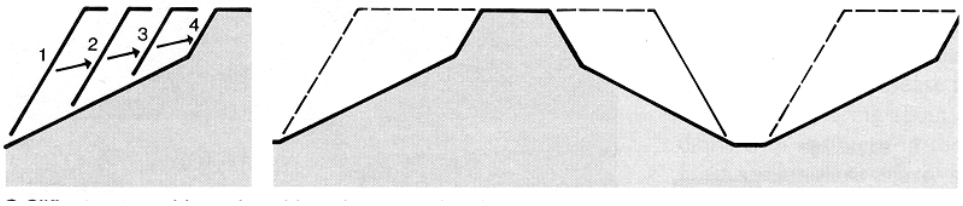
Yamacın oluşumu hakkındaki değişik hipotezler



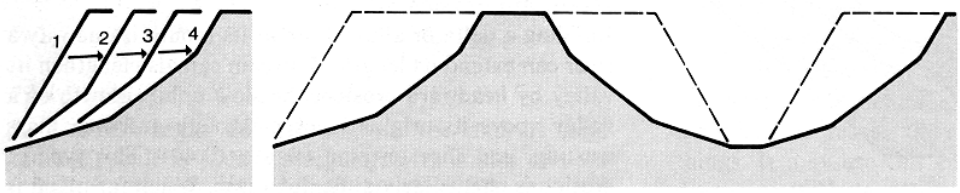
Slope decline



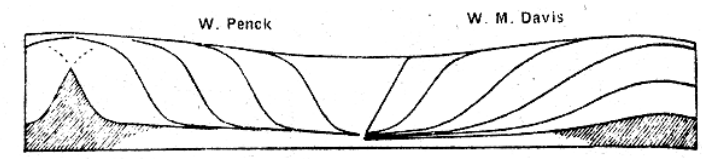
Paralel retreat



Slope replacemet

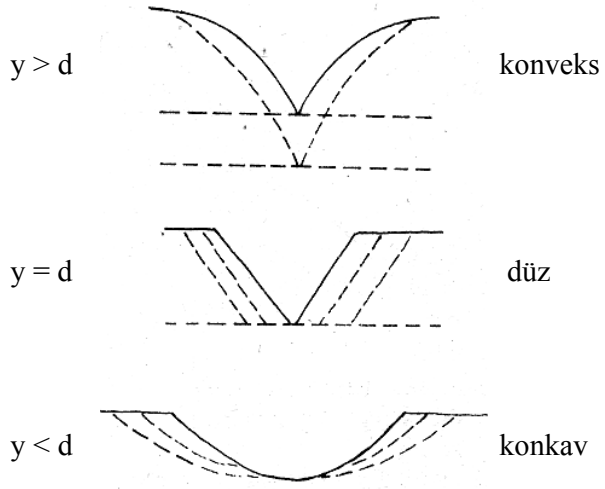


Kompleks

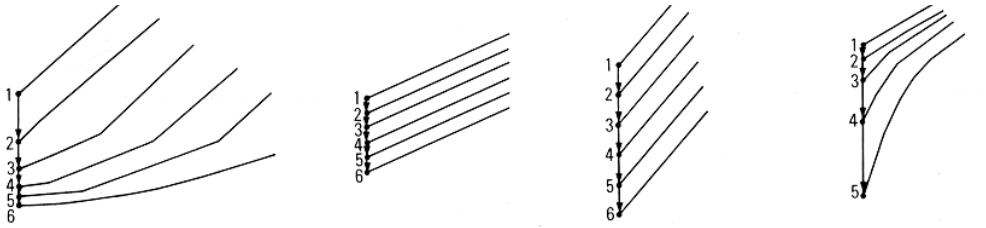


A B

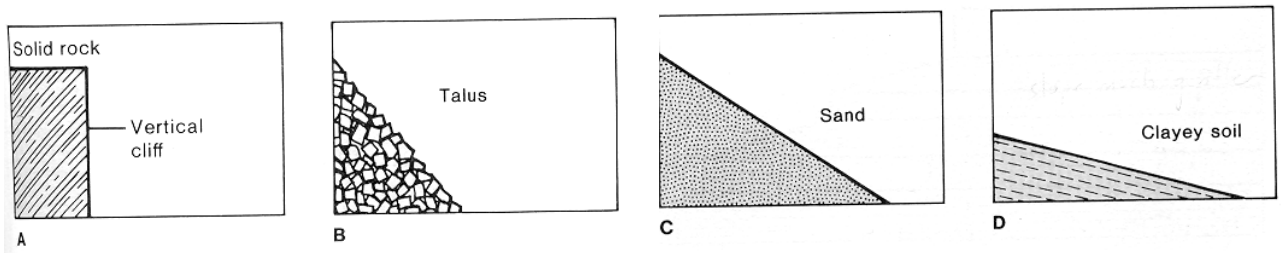
İki değişik yamaç oluşumu hipotezinin karşılaştırılması A. Paralel retreat, B. Slope decline



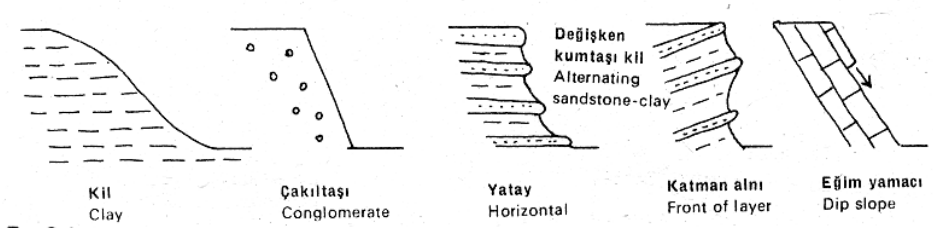
Yükselme hızı (y) ve yarılma hızı (d) ye bağlı olarak gelişen yamaç tipleri



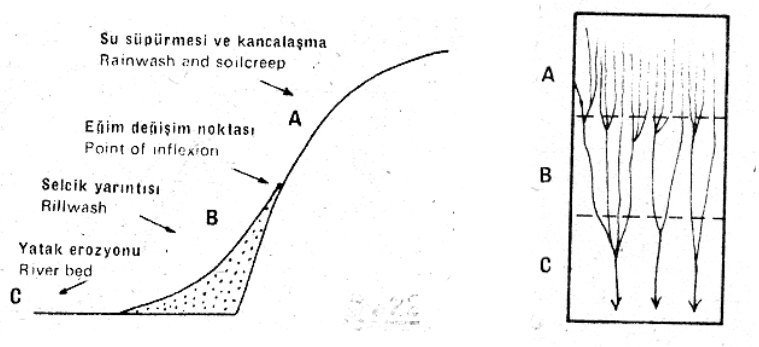
Yamaçlardaki aşınma ve nehir yatağındaki düşey aşınma (yarılma) oranına bağlı olarak gelişen yamaçlar. A. Yavaşlayan yarılma; B,C. Sabit aşınma; D. Hızlanan yarılma.



Litolojinin yamaca etkisi



Yapının yamaca etkisi



Yamaç üzerinde gelişen drenajın özellikleri