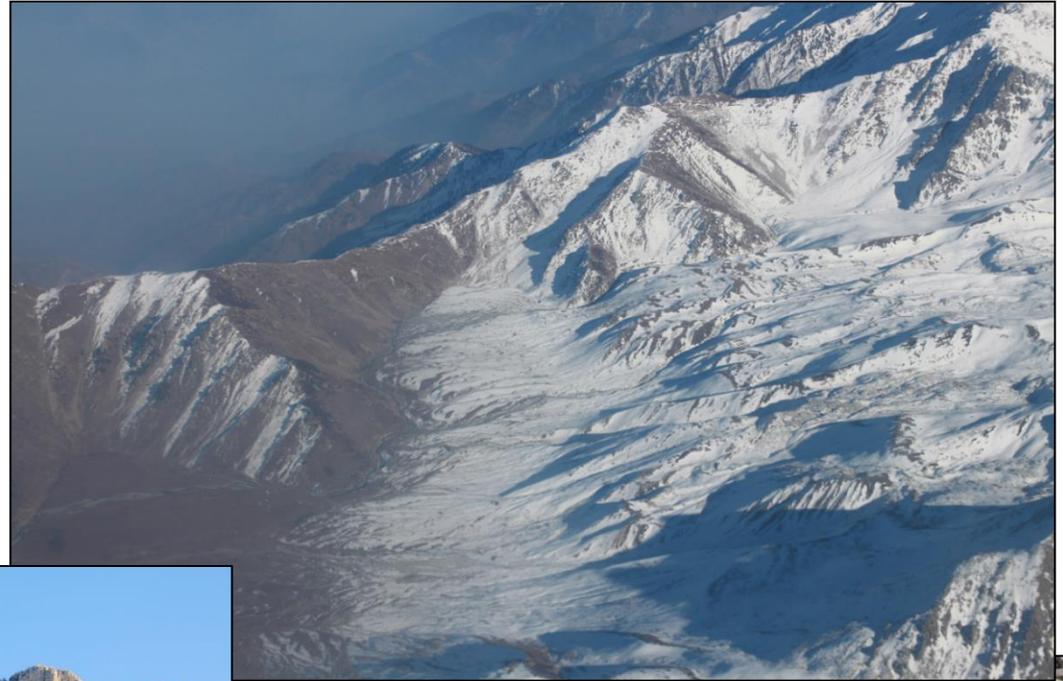
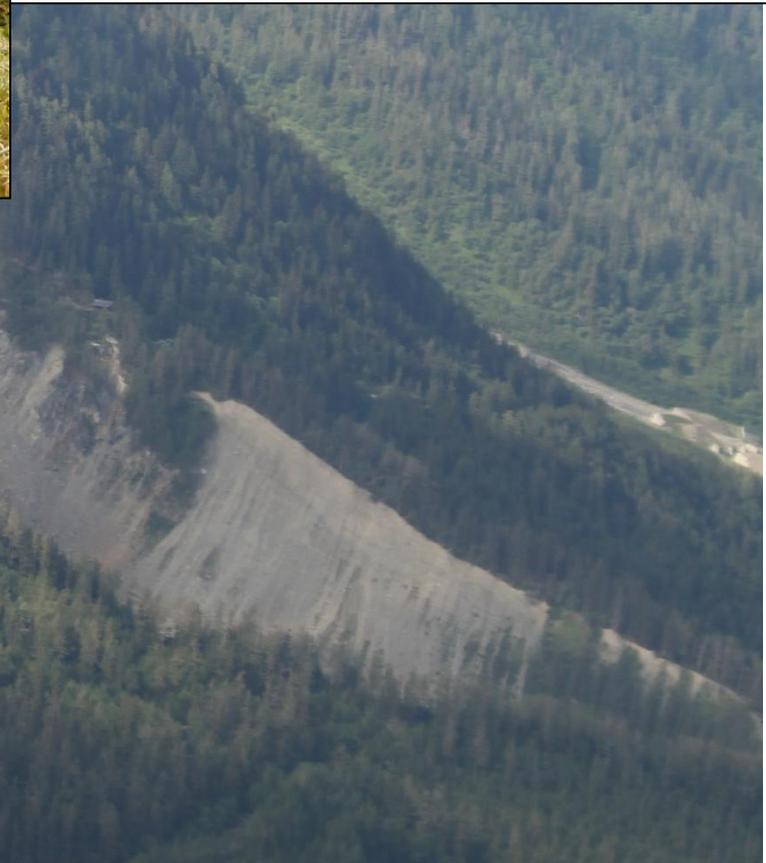


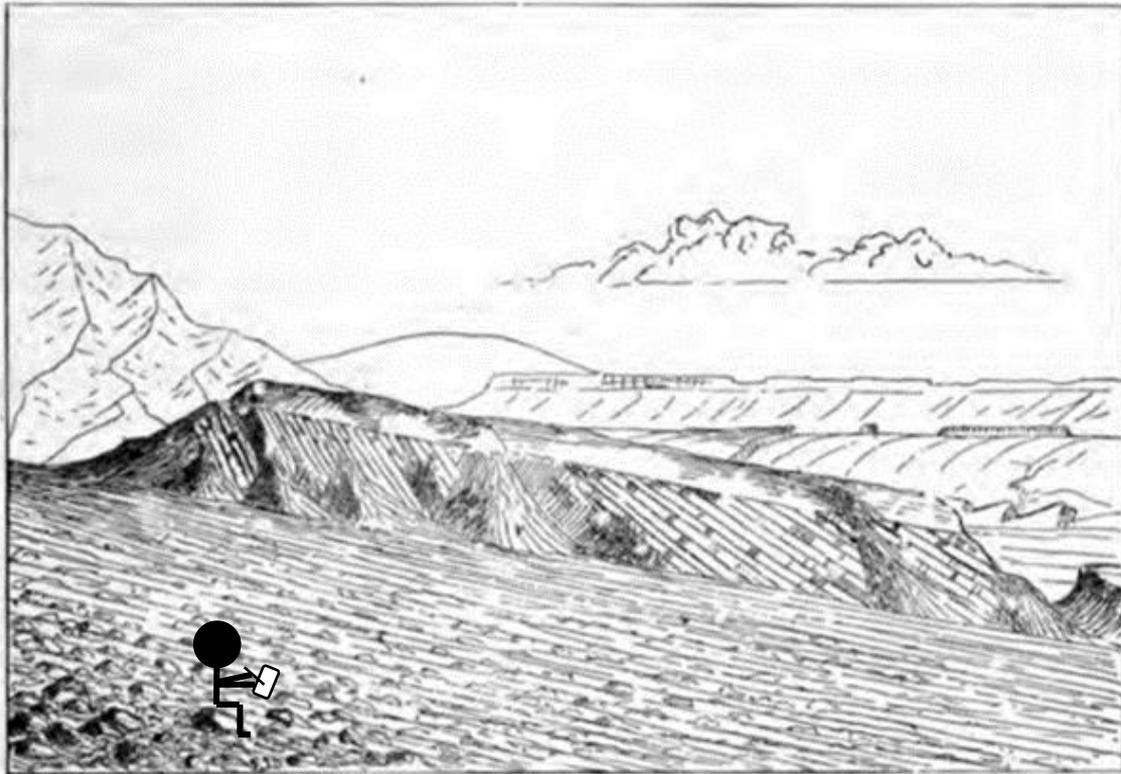
# Géomorphologie et Géologie du Quaternaire

Cours par R. Vassallo  
L2-L3 STE 2015-2016

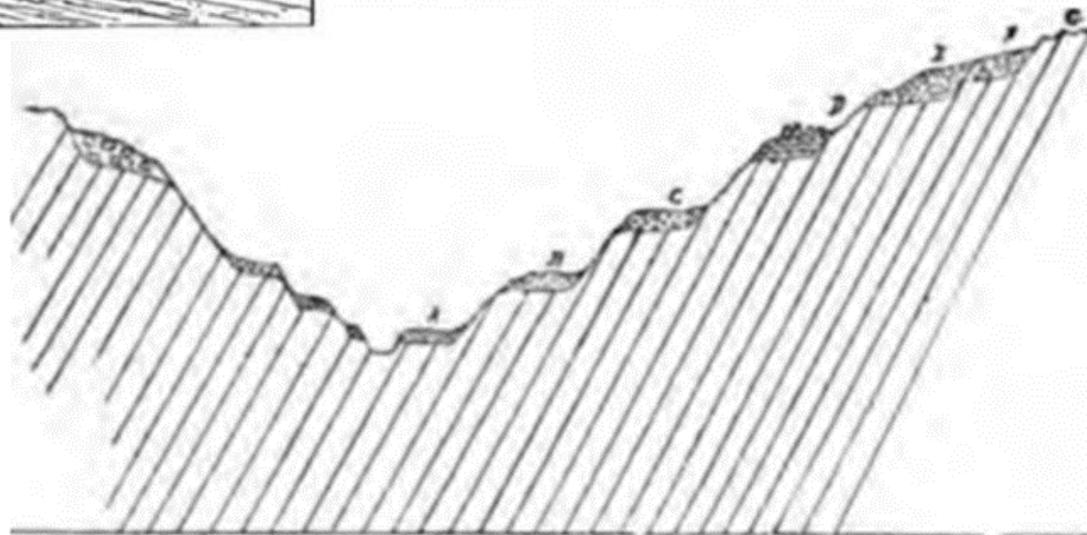








Premières représentations de formations superficielles dans des études géomorphologiques (Gilbert (1877))



# Dépôts alluviaux





Randonature SARL



D. Chabaud



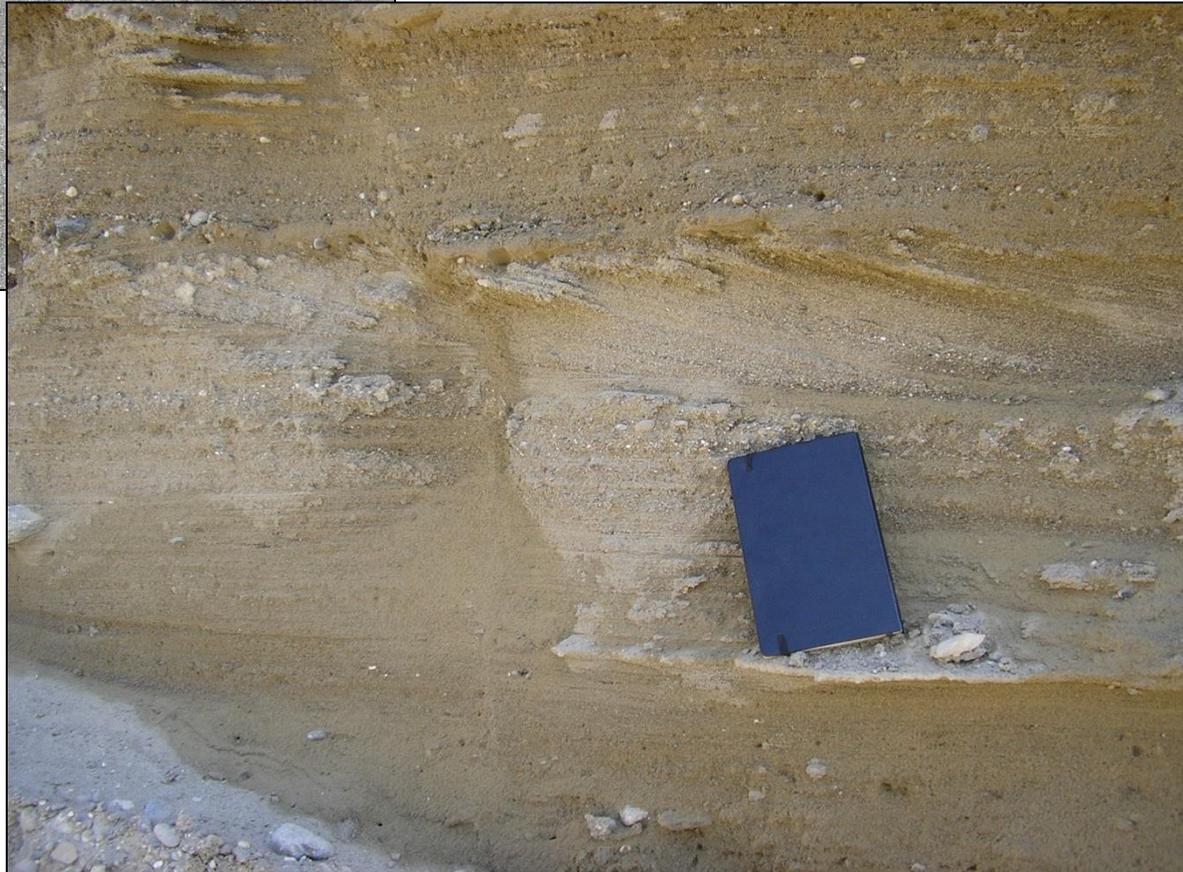
C. Chablais

















# Terrasses alluviales

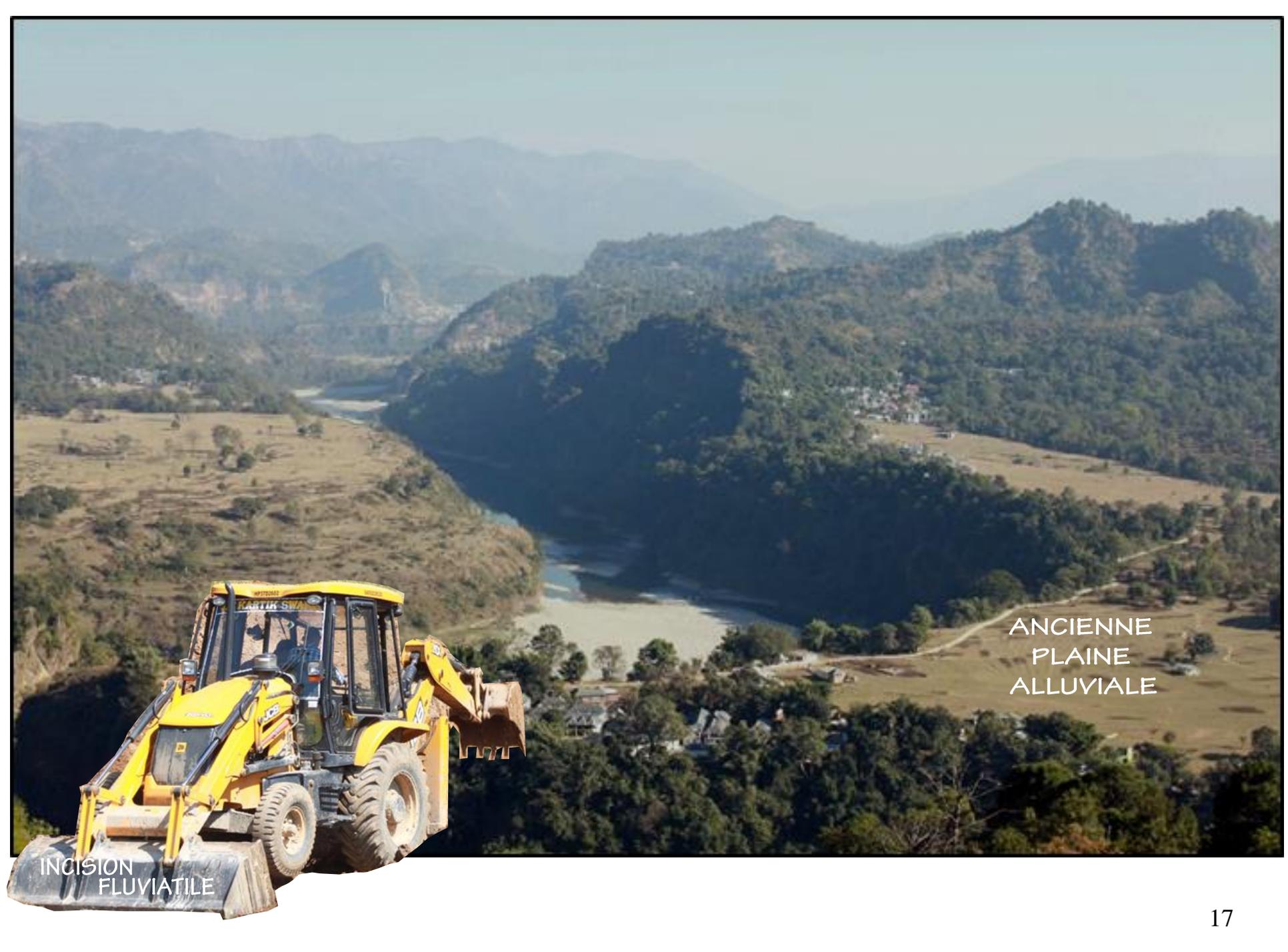




Hancock et al., 1999



- Caractérisation des terrasses alluviales :
- Géométrie
  - Stratigraphie
  - Nature, forme et granulométrie des clastes



INCISION  
FLUVIATILE

ANCIENNE  
PLAINE  
ALLUVIALE



Rive droite



Rive gauche



# Discontinuités longitudinales abruptes ou progressives

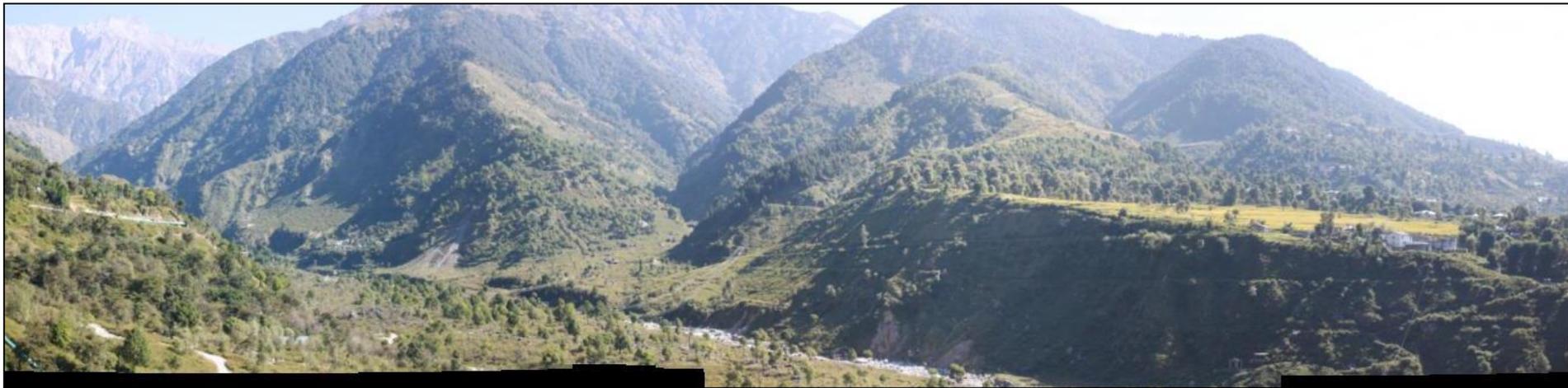
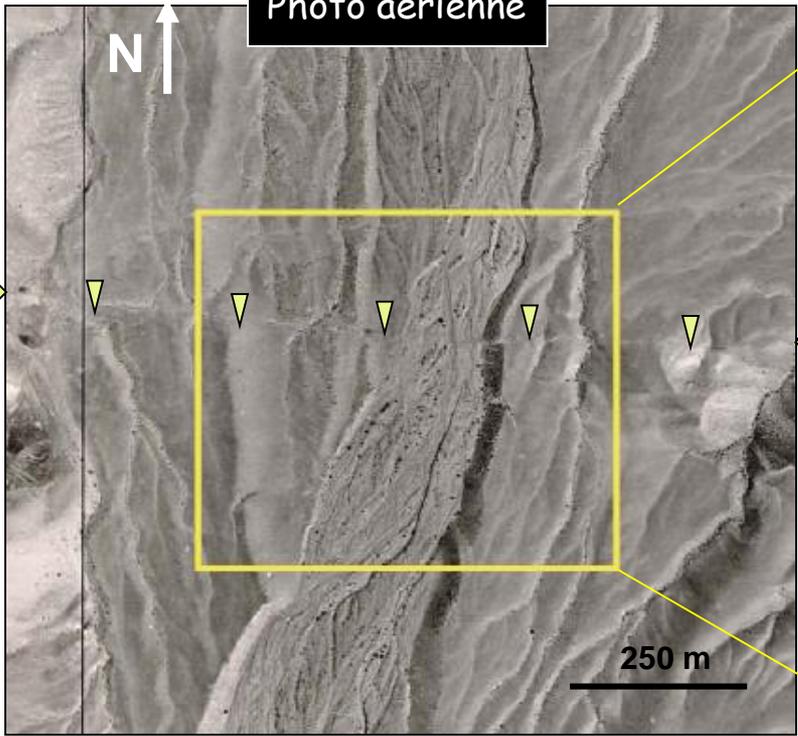


Photo aérienne



Modèle Numérique de Terrain

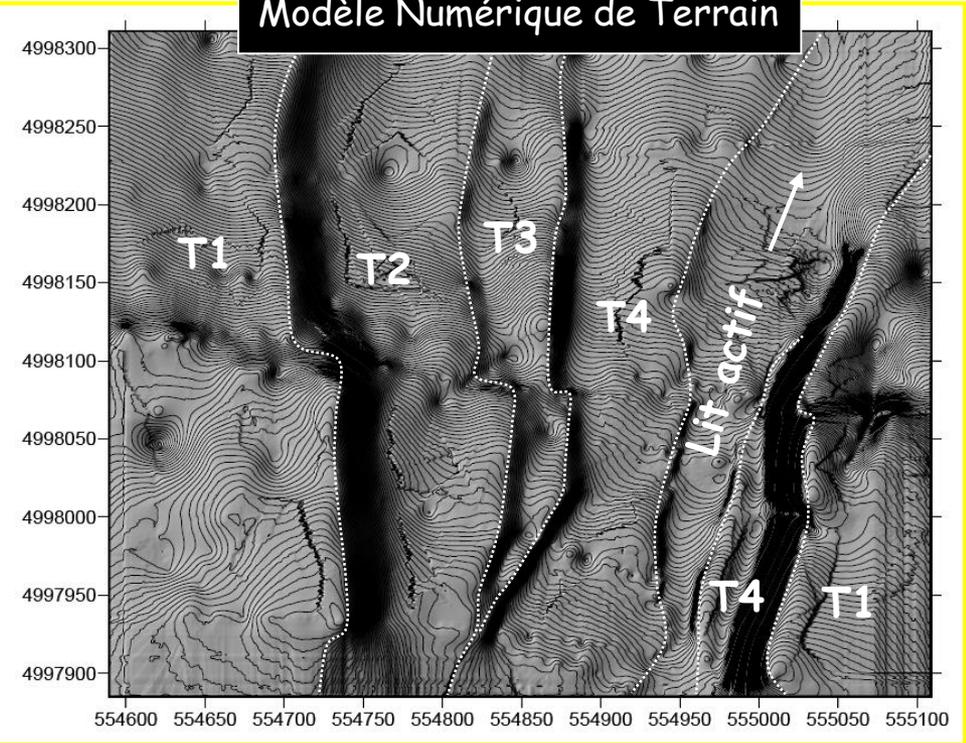
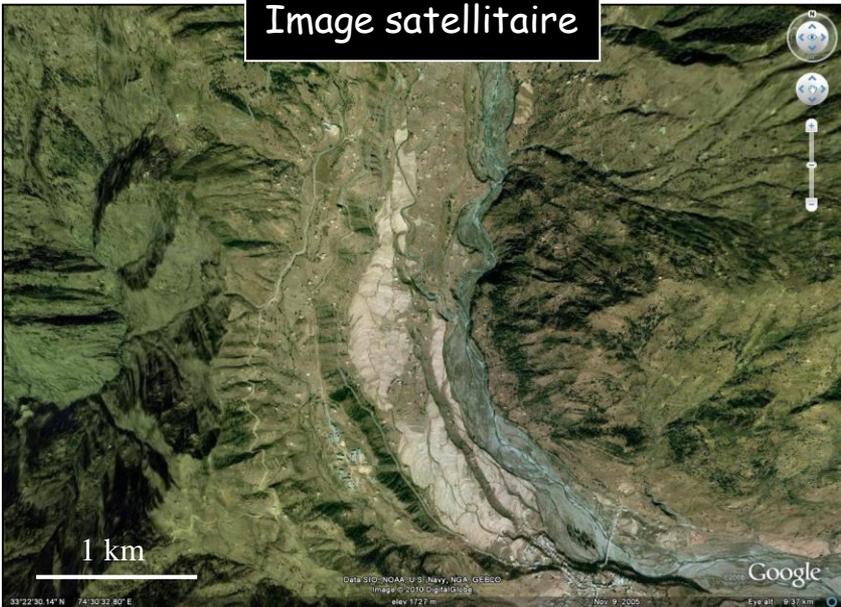


Image satellitaire





Imagery Date: 2006 2005

Image © 2012 IGN France  
46°14'43.90" N 5°29'41.58" E elev. 402 m

Google earth  
Eye alt: 2.70 km

# Rhone

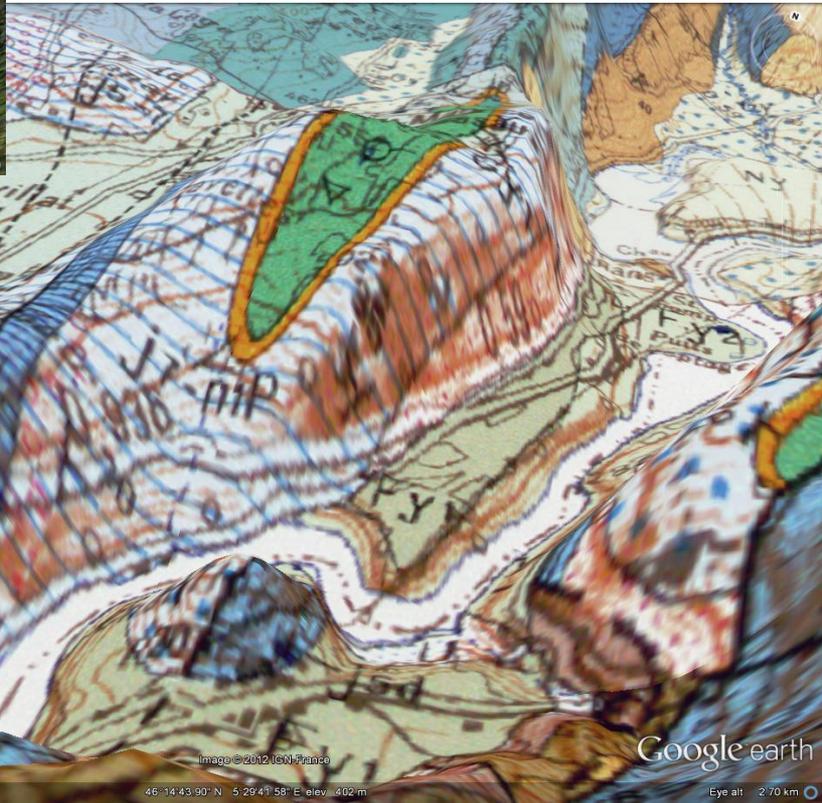


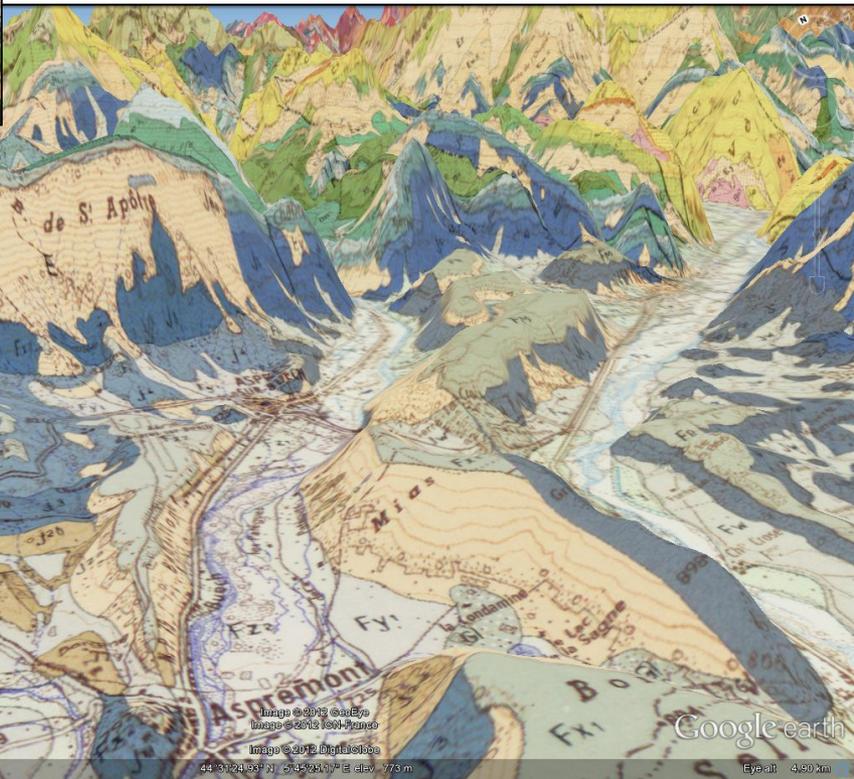
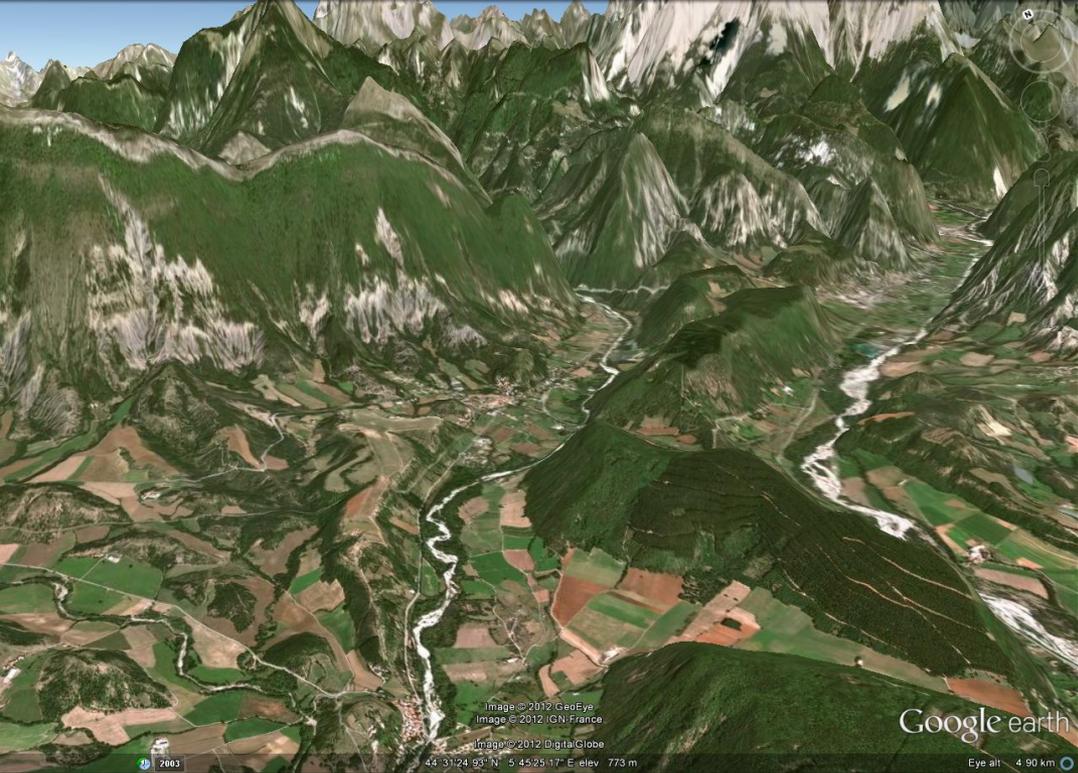
Image © 2012 IGN France

2005

46°14'43.90" N 5°29'41.58" E elev. 402 m

Google earth

Eye alt: 2.70 km



Buech

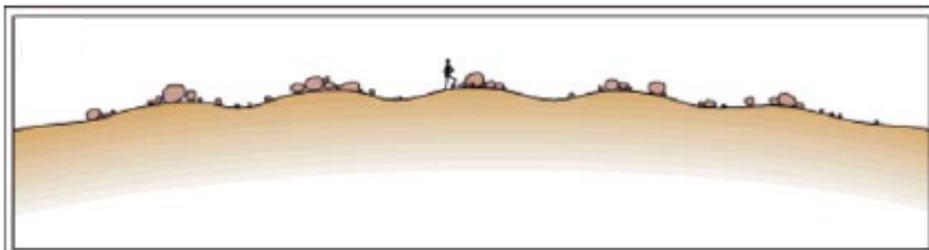
# Morphologie en barres et creux (bars and swales)



Lit actif



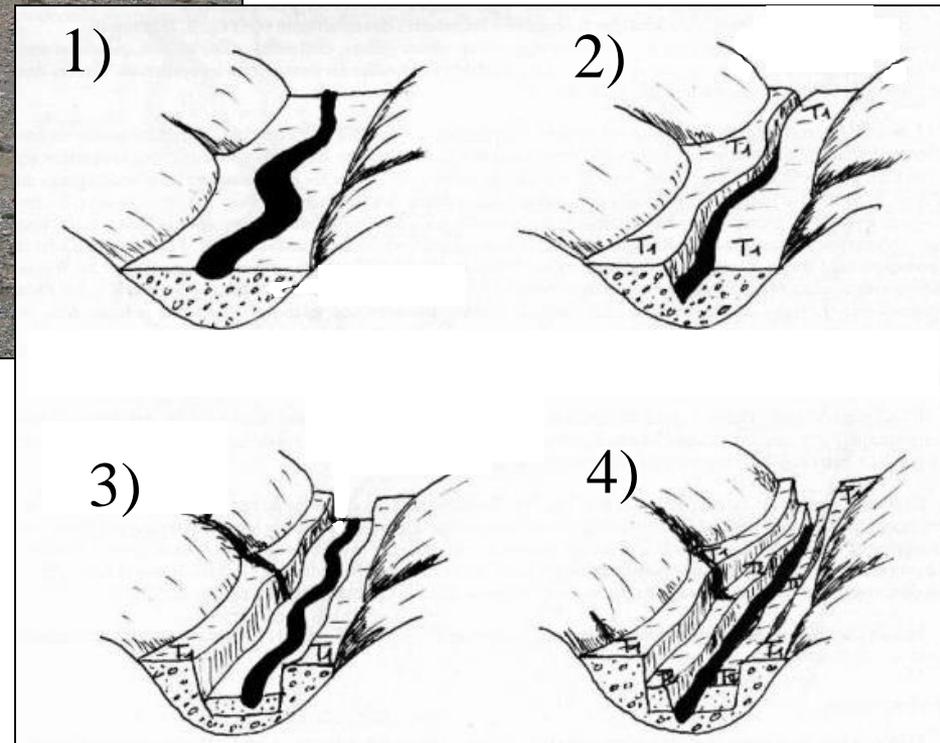
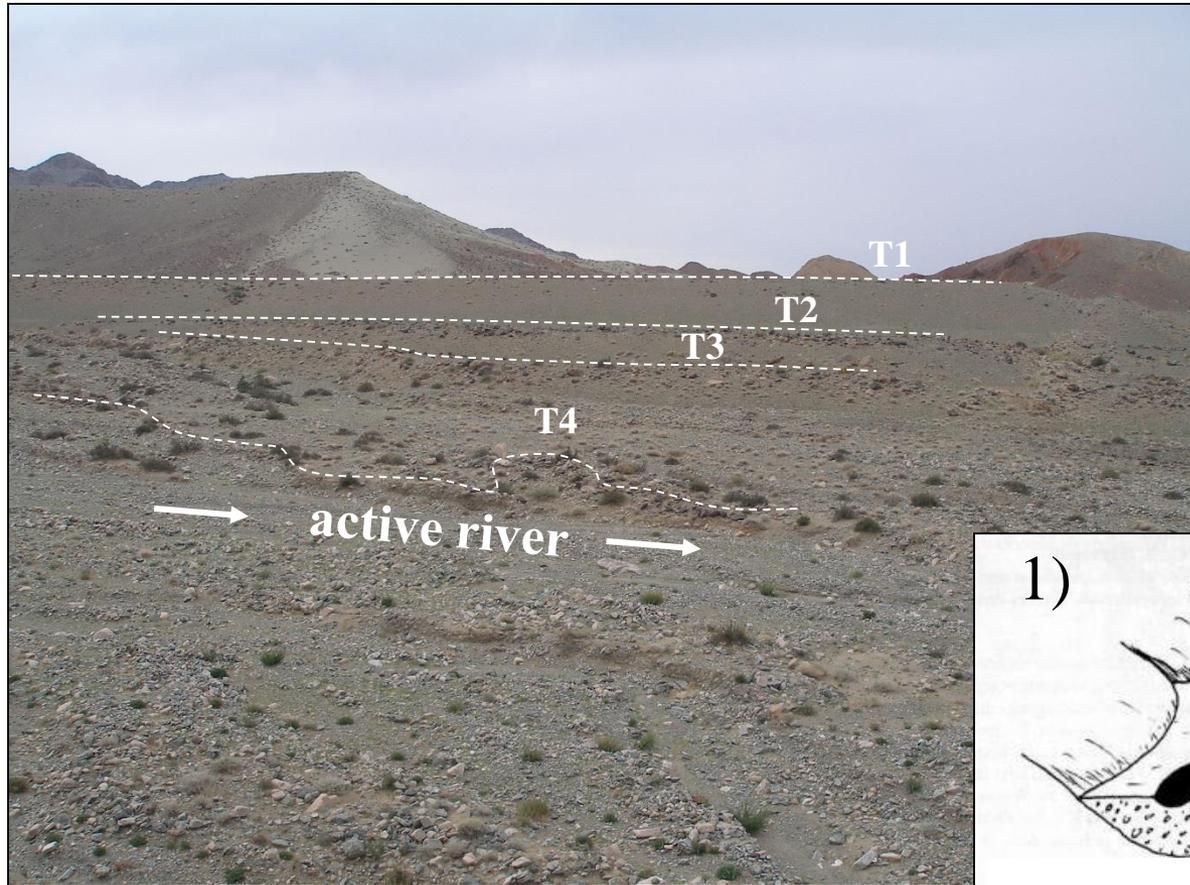
Terrasse abandonnée



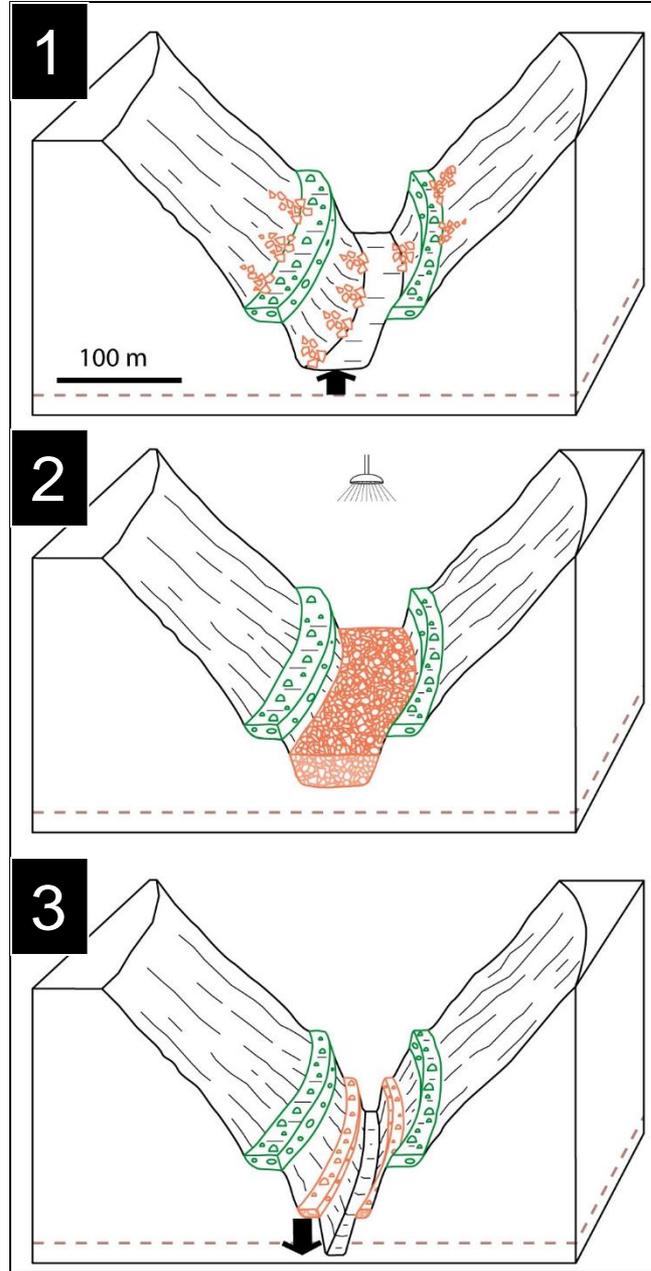
# Terrasses emboîtées et d'abrasion



# Formation des terrasses alluviales emboîtées (fill terraces)



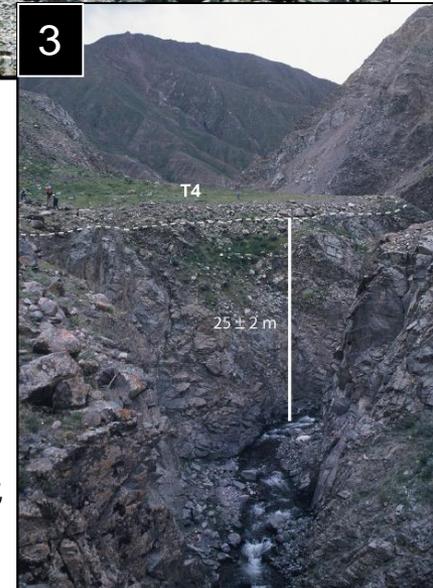
# Formation des terrasses alluviales d'abrasion (strath terraces)



Production de sédiments dans un bassin versant

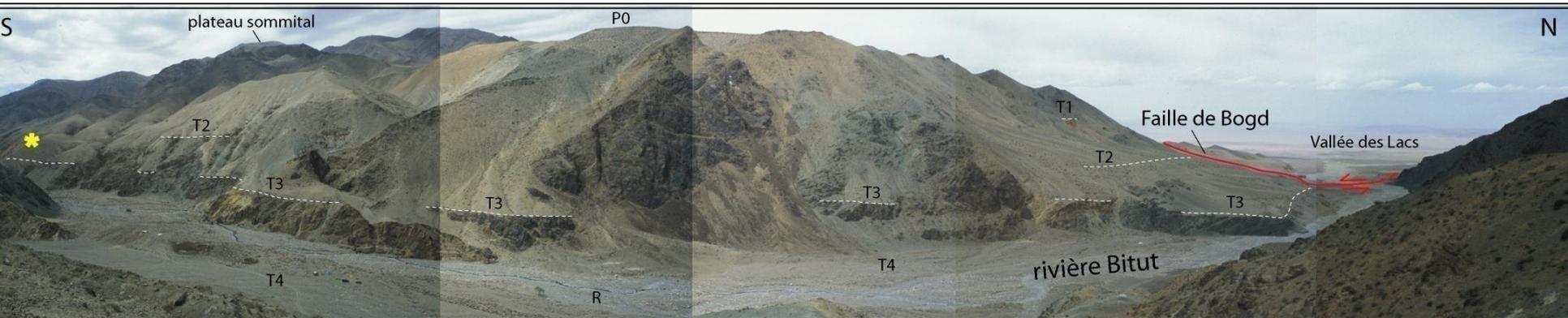


Abrasion latérale des fonds de vallée et remplissage



Incision du substratum et abandon des terrasses

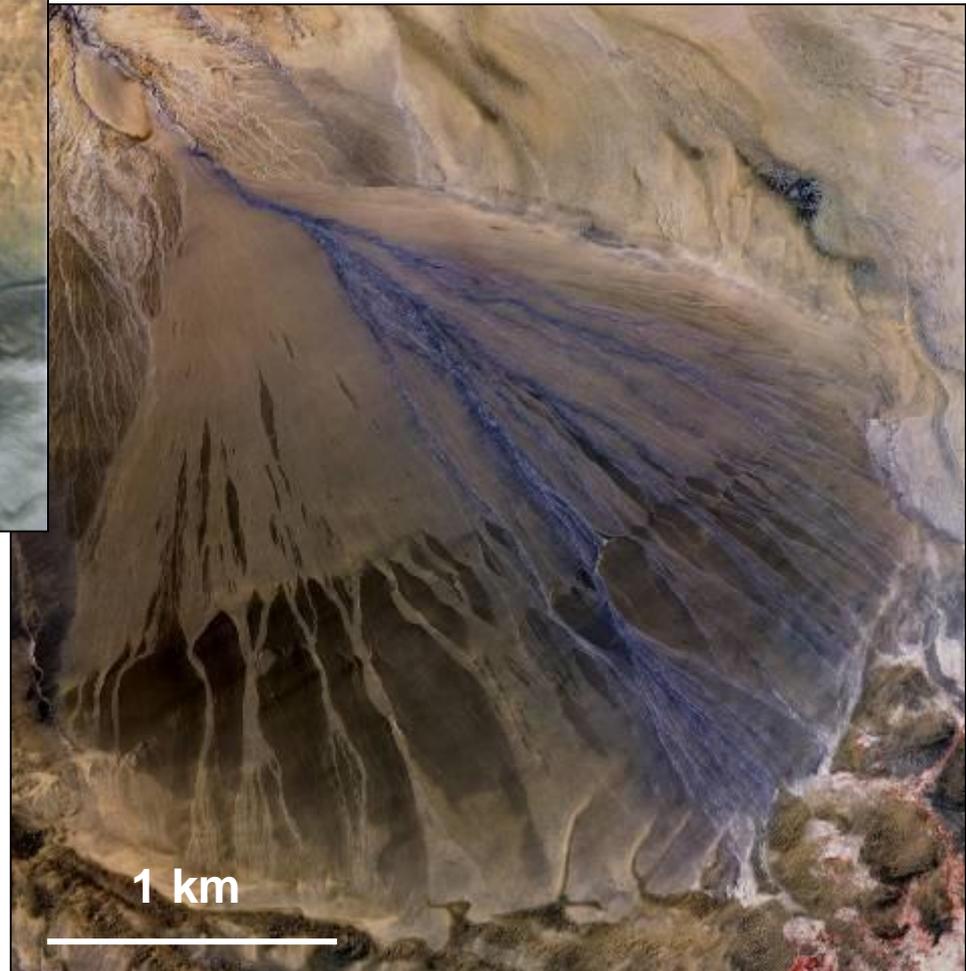
# Terrasses d'abrasion : surface d'abrasion à la base







# Cônes alluviaux





J.P. Peulvast



Photos: L. Audin

- Forme en éventail
- Surface convexe
- Stratification inclinée vers le piémont ou l'axe de la vallée principale
- Emboîtements successifs vers l'aval

N



S



W



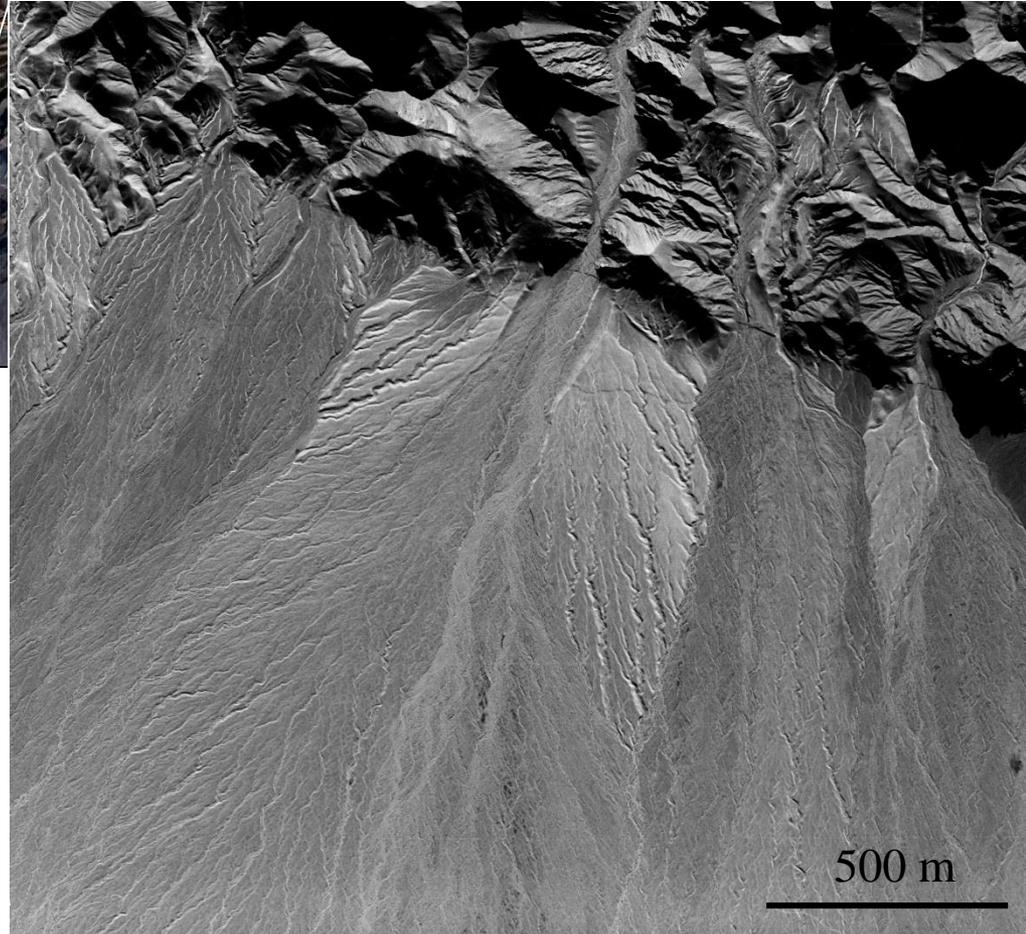
E



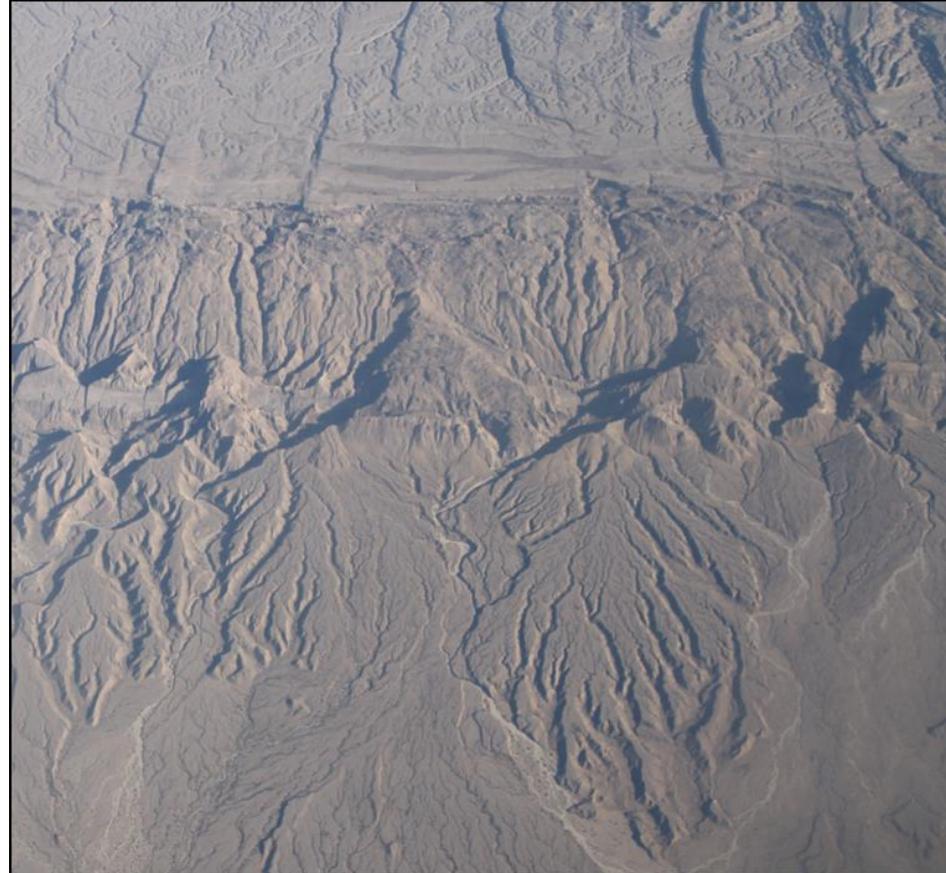
Cliché Corona



Landsat sur topo 3D



500 m



# Deltas



















