

Erosion processes

Weathering

EROSION VS. WEATHERING



EROSION

- Erosion refers to the displacement of solids such as water, wind and ice

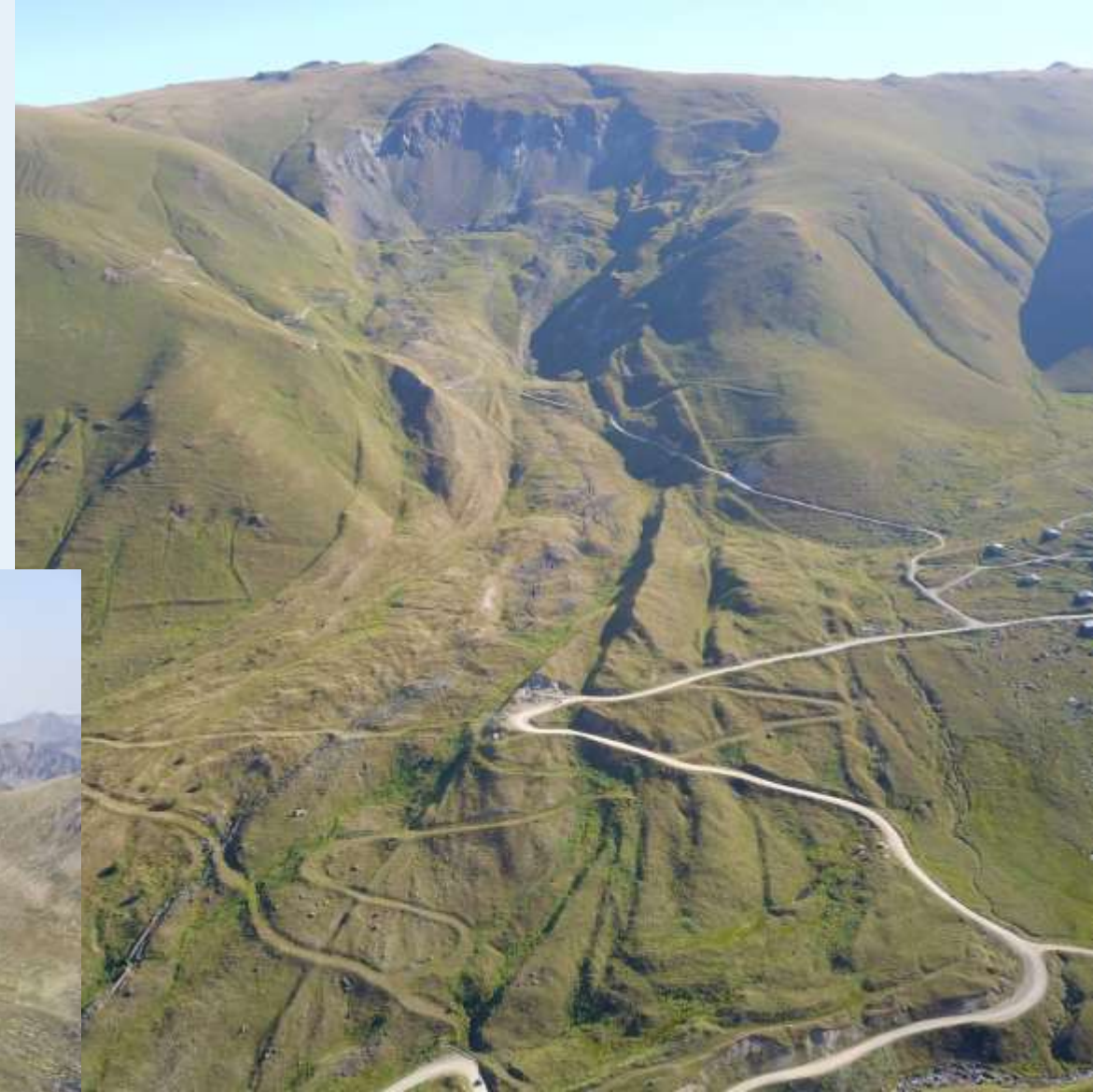
WEATHERING

- Weathering refers to the decomposition of soils and their minerals and rocks through direct contact with the earth's atmosphere

<https://byjus.com/biology/difference-between-erosion-and-weathering/>

Erosion processes

Mass Wasting



Erosion processes

Mass Wasting



Erosion processes

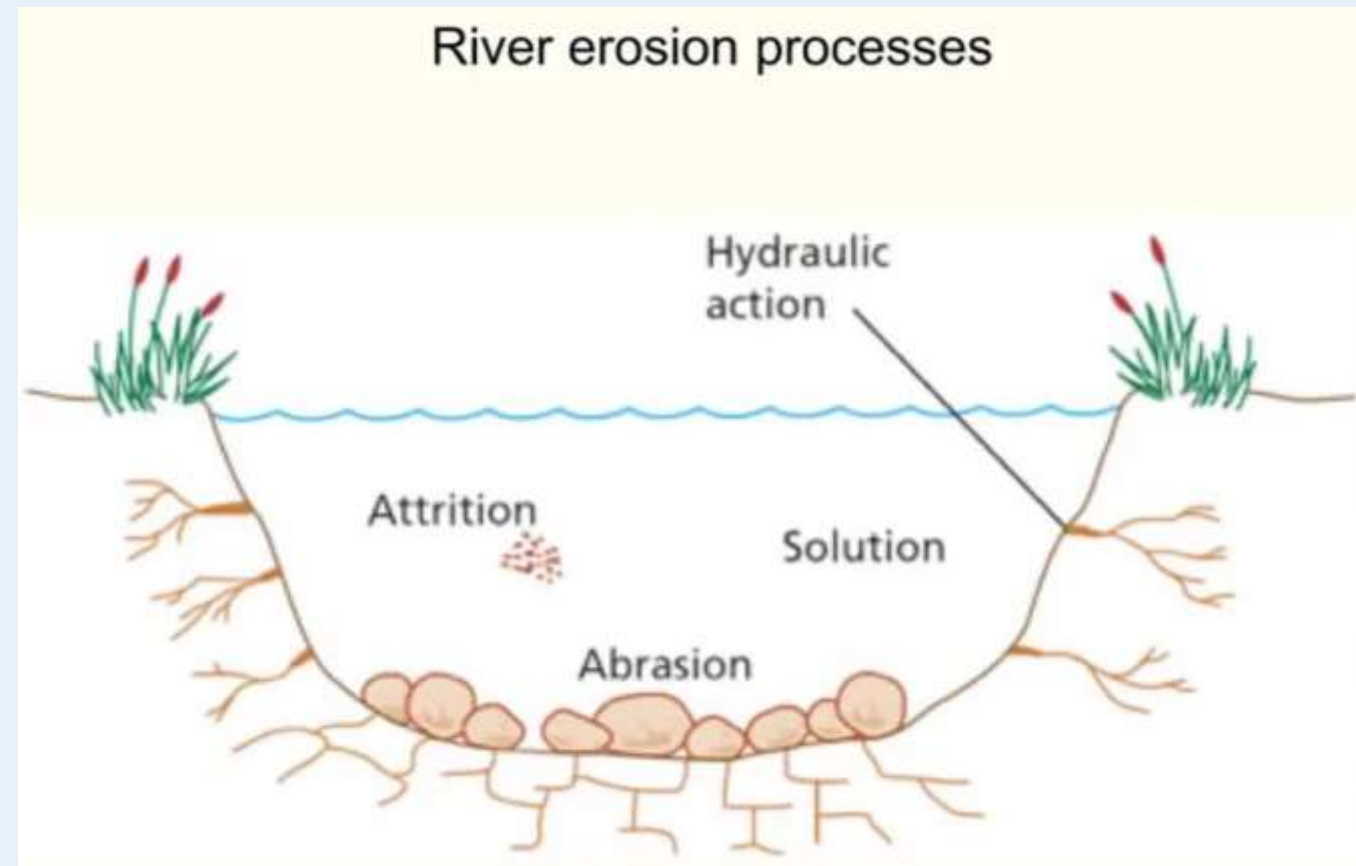
Mass Wasting



Erosion processes

Processes of River **Bed/Channel** Erosion

1. **Hydrolic action (Plucking)** : The force of the water wearing away the bed and bank of the river
2. **Abrasion/Corrasion** : Bedload in the river wears away its bed and bank
3. **Attrition** : rocks in the water become smaller and rounder by hitting each other
4. **Solution/Corrosion**: Chemical reaction between the water and the bed and bank of the river, wearing it away



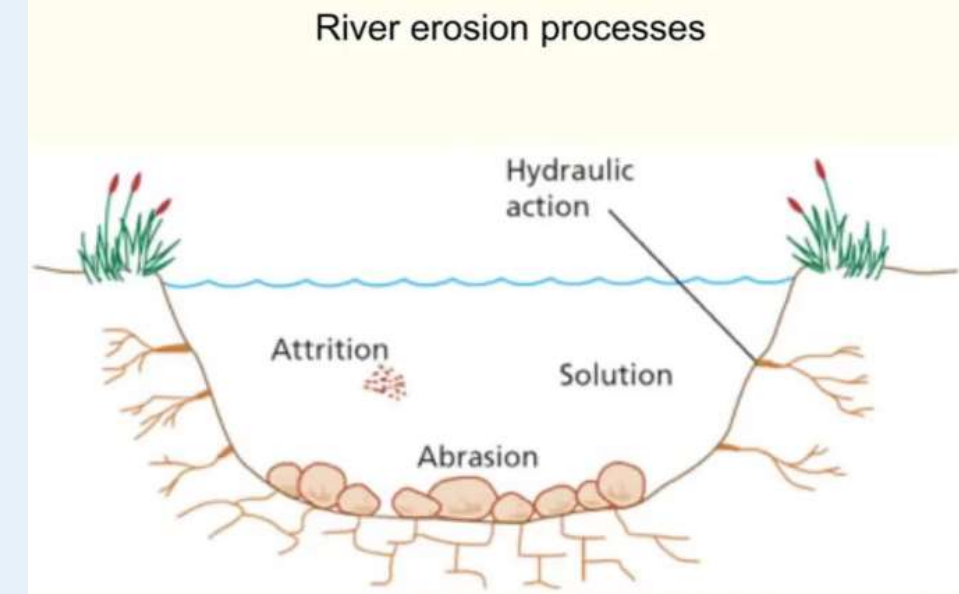
<https://www.dailymotion.com/video/x2z6mj8>

Erosion processes

Processes of River **Bed/Channel** Erosion

2. **Abrasion/Corrasion** : Bedload in the river wears away its bed and bank

The mechanical wearing down, scraping, or grinding away of a rock surface by friction, ensuing from collision between particles during their transport in wind, ice, running water, waves or gravity.



<https://www.dailymotion.com/video/x2z6mj8>



<https://www.curriculumvisions.com/search/P/pothole/pothole.html>

Erosion processes

Processes of River **Bed/Channel** Erosion

2. Abrasion/Corrasion : Bedload in the river wears away its bed and bank

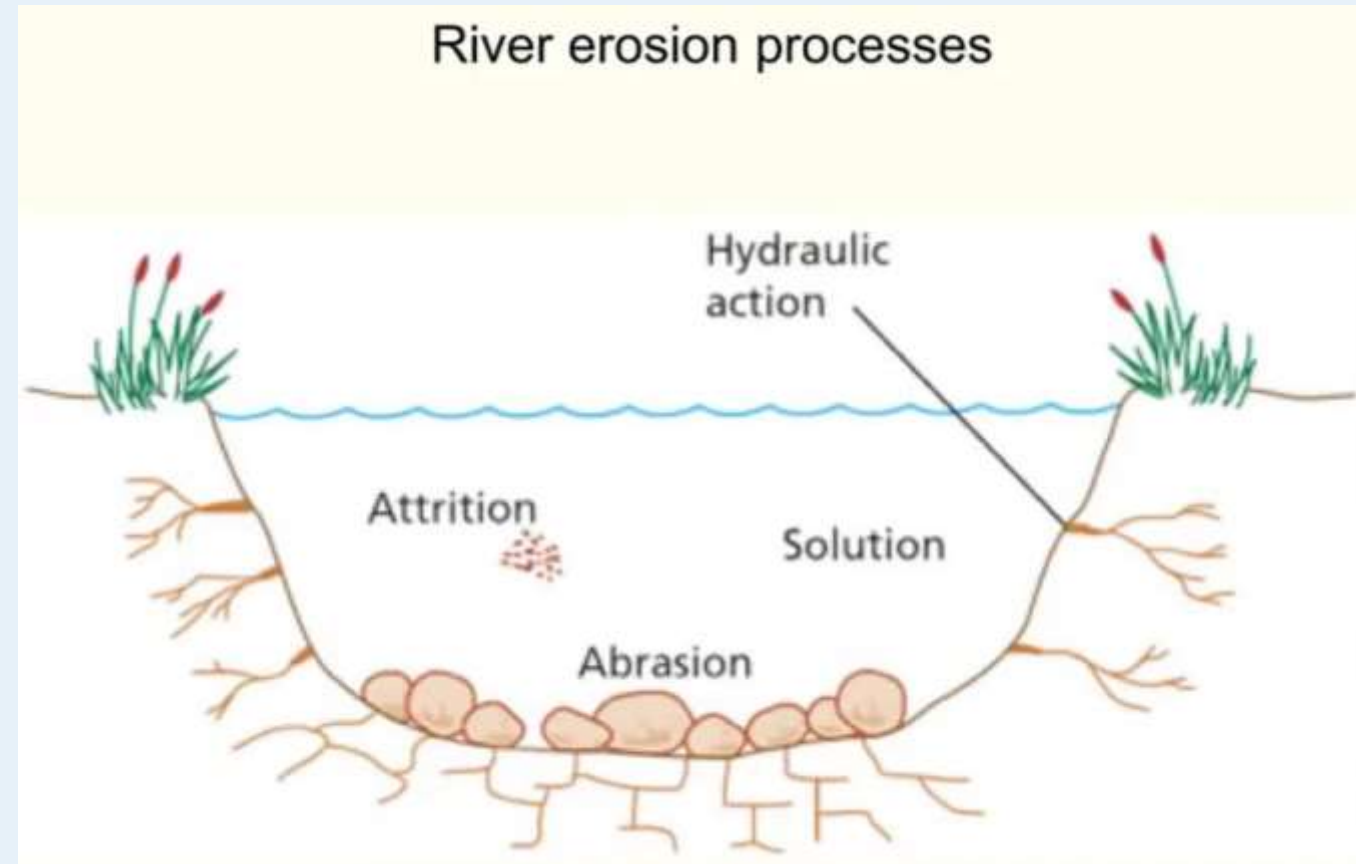
Potholes



Erosion processes

Processes of River **Bed/Channel** Erosion

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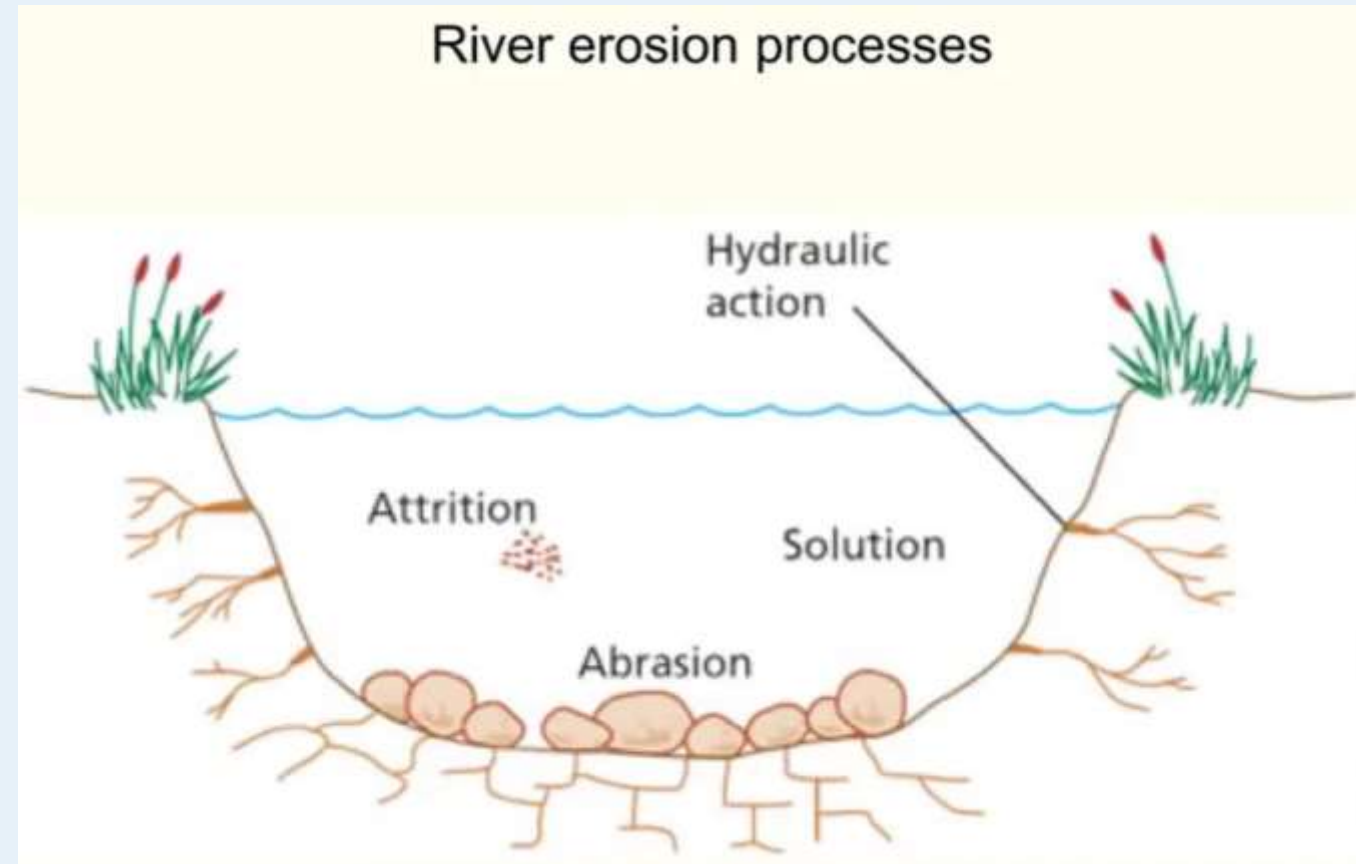


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