

# Class 8b: Desert and glacial landforms

# Desert landforms

- Tend to be stark, barren (not much soil)

# Desert landforms

- Water actually matters the most

# Desert landforms

# Alluvial fans

- "Wineglass canyons" lead to *alluvial fans*

# Desert landforms

- *Erg*: sea of sand (Arabic for sand)
- *Reg*: “desert pavement” (Arabic for stone)

# Glaciers

- A pile of snow moving like a very slow river

# Glaciers

- Formed where there's always snow

# How do glaciers move?

- Slides on water (melting and re-freezing)

# Glacial erosion and transport

# Glacial deposition

- Soil and rocks left behind when glacier retreats
- *Outwash plain:*
- *Glacial erratics:*

# Continental glaciers



# Continental glaciers

# Alpine glaciers

- Smaller scale processes