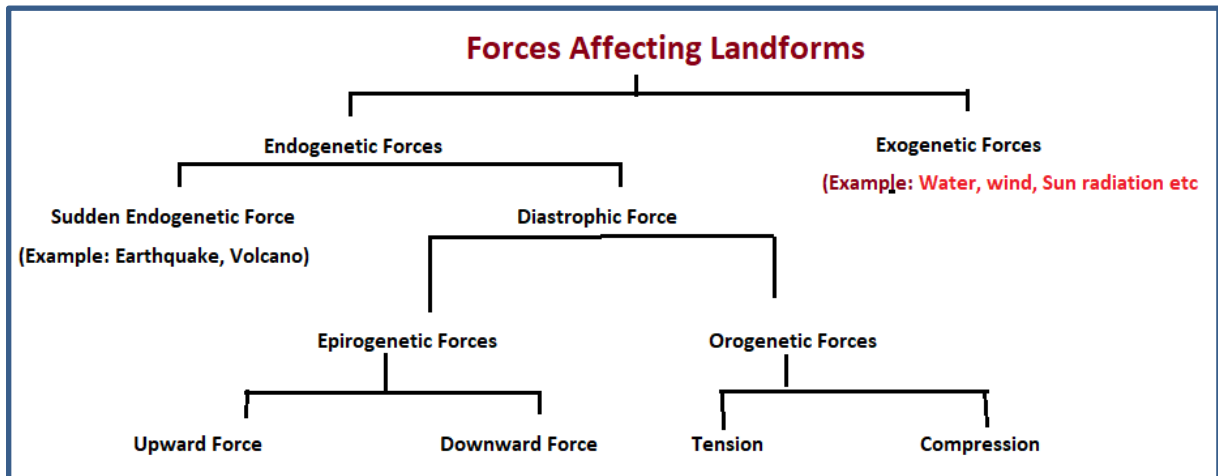


## Forces affecting Landforms (or) Forces changing Landforms

Landforms are ever changing. It is not static. The forces that change the landforms can be divided into two types:

1. Exogenetic Forces &
2. Endogenetic Forces



### Exogenetic Forces:

- These forces are generated on the surface of the earth.
- It is external. It is also known as External Forces
- Wind, water, snow, sun ray are such forces

### Endogenetic Forces:

This force is originated in the interior of the earth. It can be divided into two groups:

- A) Sudden Endogenetic Forces
- B) Diastrophic forces

### **Sudden Endogenetic forces:**

- It can change the landform within a short time.
- Earthquake, volcano are such forces

### **Diastrophic forces:**

- These forces are very slow.
- It takes thousands of years for remarkable changing
- It can be divided into two groups:
  - i) Epirogenetic Forces
  - ii) Orogenetic Forces

**i) Epirogenetic Forces:**

- It acts along the radius of the earth
- So it is also known as Radial Force
- **Continents may rise or sink due to this force**
- It can also be divided into two groups: **a) Upward Force & b) Downward Force**

**Upward Force:**

- Landforms have been formed due to upward force.
- Some area may slowly rise upward.

**Downward Force**

- Land area may sink slowly.
- Many coastal areas have been sinking

**ii) Orogenetic Forces:**

- These forces acts the surface horizontally
- It is also called **Tangential Force**
- It produces **Tension** and **Compression**

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