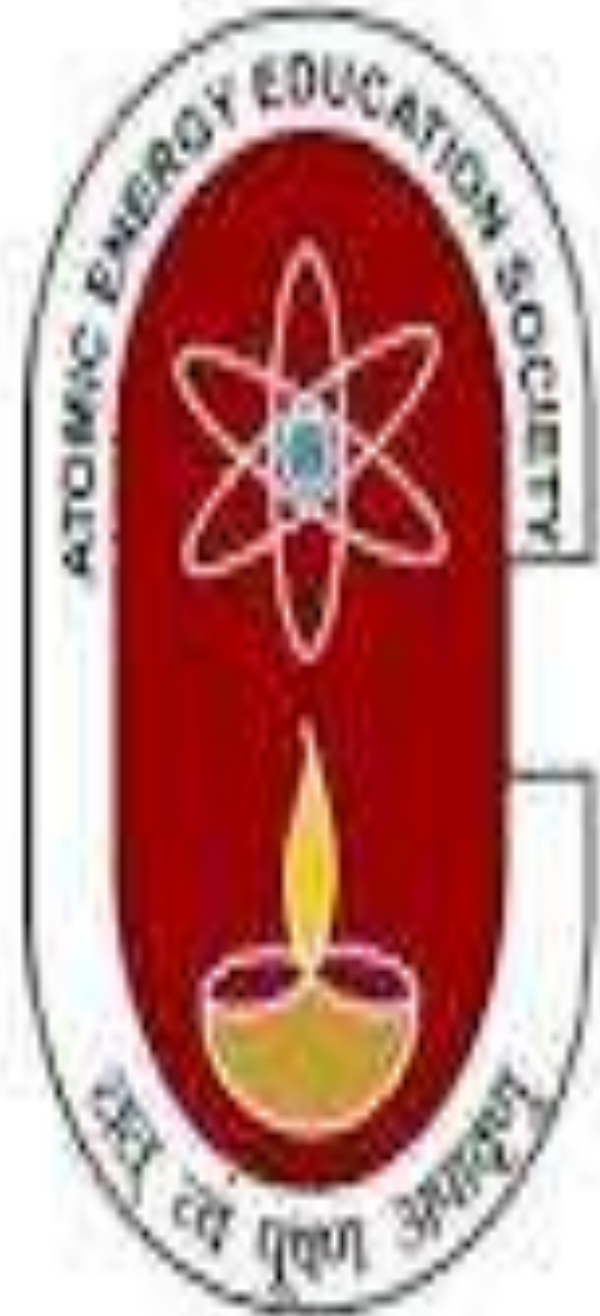


By RajKumar Bhattacharjee
TGT(SS)
AECS NARWAPAHAR



CHAPTER-3 (GEOGRAPHY) CLASS- VII (Module 2/3)



A scenic view of a valley with green hills and a river. The hills are covered in lush green grass, and a river flows through the center of the valley. The sky is blue with some light clouds. The overall scene is peaceful and natural.

LAND FORMS

WEATHERING AND EROSION

- The Landscape is being continuously worn by two processes :-----
- Weathering
- Erosion

WEATHERING

Weathering is the breaking up of the rocks on the earth's surface.



EROSION

Erosion is the wearing away of the landscape by different agents like water, wind etc. The eroded material is carried away or transported by water, wind etc.



WORK OF A RIVER



FEATURES OF RIVER

- The following features are made by the rivers:-
- Waterfall
- Meanders
- Ox-bow lake
- Floodplain
- Levees
- Delta

WATERFALL

The running water in the river erodes landscape. When the river tumbles at steep angle over very hard rocks or down a steep valley side it forms a waterfall.



MEANDERS

As the river enters the plain it twists and turns forming large bends known as meanders.



OX-BOW LAKE

Due to continuous erosion and deposition along the sides of the meander, the ends of the meander loop come closer and closer. In due course of time the meander loop cuts off from the river and forms a cut-off lake, also called an ox-bow lake.

OX-bow lake



FLOODPLAIN

- ❖ When river overflows its banks, it leads to the flooding of the neighbouring areas.
- ❖ As it floods , it deposits layers of fine soil and other material called sediments along its banks. This lead to the formation of floodplain.



Levees

The raised banks of the rivers are called levees.



DELTA

As the river approaches the sea, the speed of the flowing water decreases and the river begins to break up into a number of streams called distributaries. The river becomes so slow that it begins to deposit its load. Each distributary forms its own mouth. The collection of sediments from all the mouths forms a delta.

PHOTO OF RIVER DELTA



HOME ASSIGNMENT

- What is Meander?
- What is Ox-bow Lake?
- What is Delta?
- What do you mean by Floodplains?
- What is Weathering and Erosion?

Thank You.