EWCE 464

Assignment on

Morphological Change of a River

Submission Deadline: 09.09.26

Data

1. Download Landsat image of your assigned river from USGS EE.

2. Water majors: 10 years interval image
Environment majors: 5 years interval image

Task

1. Find the erosion and accretion in the respective time intervals and compare the changes.

2. Determine area of any five bars within the river for each year and compare the changes.

3. Analyze and comment on the morphological change.

Report

1. Brief Introduction
2. Methodology:
    - Show the Screenshot of the selected portion of the map in USGS for which you are downloading the image
    - Write down the steps briefly (Not more than one or two lines for each step).
3. Result Analysis: Show the determined areas and comment on your results.
4. Conclusion.

[Do not try to copy each other. Presentation of the results and the result analysis in more innovative way would carry greater marks]