1. Highlight the vegetation using the NDVI.
2. Mask the NDVI image.
3. Make a mosaic image.
4. Clip any AOI from the satellite image.
5. Make a composite image.
6. Calculate the area of the clipped AOI.
7. What is remote sensing?
8. How does remote sensing technology work?
9. What are the main types of remote sensing platforms?
10. What are the key applications of remote sensing in environmental monitoring?
11. How is remote sensing used in agriculture and crop monitoring?
12. What role does remote sensing play in natural disaster management?
13. How can remote sensing be used in urban planning and development?
14. What are some examples of remote sensing data sources?
15. What is GIS (Geographic Information System)?
16. How does GIS differ from remote sensing?
17. What are the components of a GIS?
18. How can GIS be used in spatial analysis?
19. What are some common GIS data formats?
20. What are the steps involved in creating a GIS map?
21. How can GIS be utilized in transportation planning and routing?
22. What is the role of GIS in resource management and conservation?
23. How can GIS be integrated with remote sensing data?
24. What are the limitations of remote sensing and GIS technologies?
25. What are some emerging trends in remote sensing and GIS applications?
26. How can remote sensing and GIS contribute to sustainable development?