Assessing Mining Disturbance on Vegetation in Ouagadougou, Burkina Faso using Landsat Data



The combination of binary classification and the LandTrendr algorithm based on Landsat data, presents a robust framework for quarry mapping and ecological impact assessment. These findings are invaluable for informing land management decisions, policy formulation, and environmental conservation efforts. As remote sensing technology continues to evolve, future research can build upon these methodologies to advance our understanding of landscape dynamics and promote more sustainable and ecologically conscious land management practices.