

# An Integrated Geospatial Approach to Mangrove Forest Mapping in Trinidad and Tobago Using High-Resolution Aerial Photography and Sentinel-2 Satellite Imagery

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Geospatial mapping plays an important role in monitoring mangroves and mitigating loss, as it can be used to provide highly accurate and time-effective assessments, which is essential given the extreme vulnerability of mangroves in the region. The use of geospatial mapping can lead to the effective implementation of conservation strategies and policy development.

CESaRE has identified critical areas for consideration stemming from the authors' work:

- Increased utilization of GIS for mangrove monitoring in Trinidad and Tobago and the Caribbean.
- Training more persons to become proficient in GIS and remote sensing.