







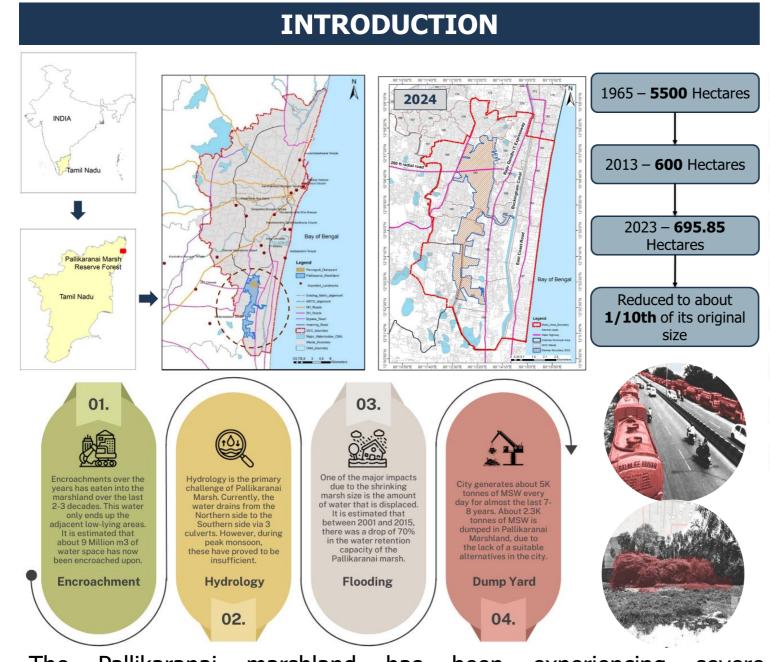


Student Thesis Competition (STC) Season 5 on "Re-imagining Urban Rivers"

Restoration And Capture Of Ecological Values Of An Urban Marshland - The Case Of Pallikaranai Marshland, Chennai

Student Name: Ragapriya K Course Discipline: M Plan

(Environmental Planning and Management)



Pallikaranai has marshland experiencing been degradation over the past few decades due to various anthropogenic activities.

ANALYSIS 2001 - 2015 There is a significant decrease in the depth of the marshland because of the sedimentation that has been happening

Area Change Matrix 2008 2024 Change in Area 2008 % 2024 % Class name (Sq.km) (Sq.km) area (Sq.km) change % **Water Body** 15.16 6.45 -8.71 18.209 7.743 -10.466 Vegetation 15.282 29.59 12.73 35.543 -20.260 -16.87 46.211 38.48 Builtup 25.68 12.79 30.845 15.365 12.82 25.61 15.401 15.360

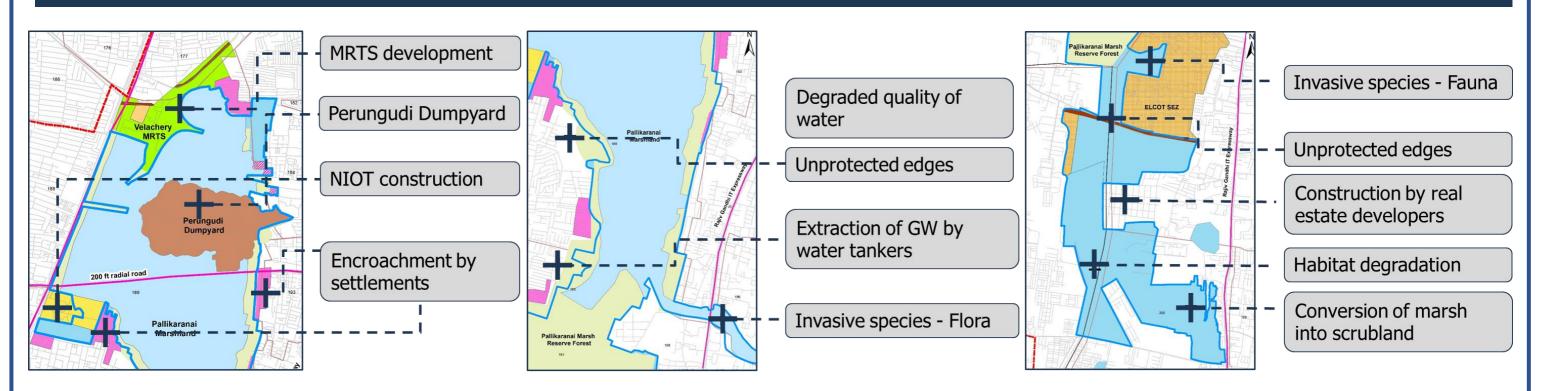
12.79

over the years due to several factors.

30.762

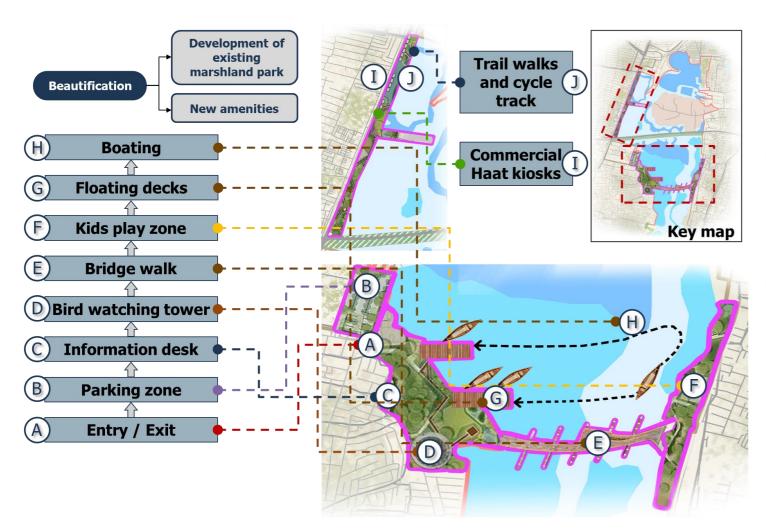
SUMMARY OF KEY ISSUES

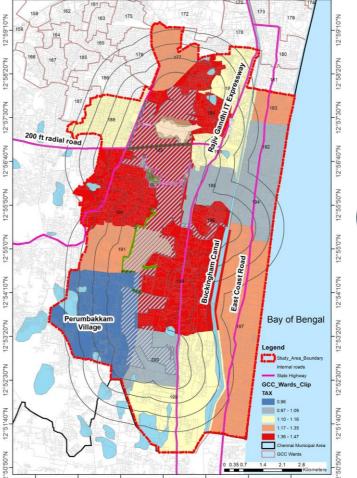
Barren land

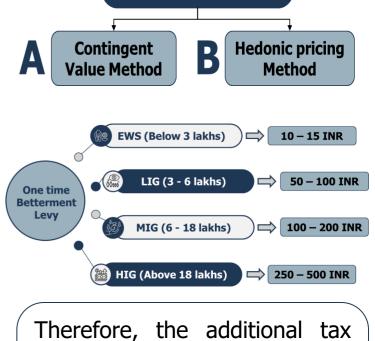


PROPOSAL

WAY FORWARD







Strategies used

values collected as a part of mechanism capture value be utilized for the would conservation of the marshland.