

[10.1071/MF22193](#)

Marine and Freshwater Research

Supplementary Material

Plastic waste in surface waters of an urban estuary

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Table S1. Characterization of the Capibaribe River estuary regions (upper estuary, middle estuary, and lower estuary).

| Estuary region | Characteristics | Type of occupation | Photo of the estuary region |
|----------------|---|---|--|
| Upper estuary | <p data-bbox="495 469 801 624">Presence of riparian vegetation on the banks; predominance of mangrove areas.</p> <p data-bbox="495 655 801 807">In this area of the estuary there is also the presence of industries.</p> | Atlantic Forest and Mangrove Swamp Area and Industrial Occupation |  |

Middle estuary

This area presents mangrove fragments. It suffers with the impacts of anthropic actions, there is urban sprawl with different types of occupation: residential, commercial and hospital. The silted soil presents with large percentages of fine sand and is clayey in rainy periods.

Urban Occupation



Lower estuary

The area near the mouth, where the Recife Port Basin is located, has a predominantly urbanized landscape; houses along the river banks with their domestic effluents discharged directly into the waters of the estuary.

In this region there is shrimp and mollusk cultivation

Urban occupation and polyculture

