



# Mangrove Ecosystem

**Puducherry Environment And  
Mangrove Forest Development  
Protection Society...**

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# PUDUCHERRY MANGROVE SITE

Thengaithittu  
Murungapakkam  
Ariyankuppam  
Veerampattinam  
Chinnaveerampattinam  
pooranankuppam (Nallavadu)  
Moorthikuppam  
Karaikal  
Yanam



# PUDUCHERRY MANGROVE MAP





# Places sewage mixes directly into Mangrove forest

- 1. Two large Waste water drains near the Thengaithittu Government Fish Farm.**
- 2. Sewage is mixed directly into the swamp forest at five places within the village of Thengaithittu.**
- 3. Nainar Mandapam Large sewerage canal within Mookambika Nagar area mixes directly with the Mangrove Forest.**
- 4. The large Uppanaru canal into the Thengaithittu lagoon in the North east.**
- 5. Mudaliarpet Udayar garden area sewage is drained in these areas.**
- 6. Ariyankuppam, Murungappakkam Kombakkam, Kakkayan Thoppu Veerampattinam village waste water is drained in the Mangrove forest of Thengaithittu .**



## Major Causes of Mangrove Deforestation in Pondicherry

- Mangrove Forests are affected by direct mixing of sewage in the lagoon water.
- Pollution - Polythene Debris chocks the roots of Mangroves.
- Dumping of Rubbish and Building Waste in the Mangrove Forest Area.
- Shrimp Farms operating near the Mangrove forests
- Illegal cutting of mangrove trees occurs on daily basis for making fish traps in the sea to increase fish catch.
- Illegal cutting of mangroves for other public use.
- Illegal collection of Polychaete worms threatens the Mangrove ecosystem.
- Encroachments into mangrove forests and buffer zones.









பாலிகீட்ஸ் புழு  
கடத்துவன்  
பின்னணி  
என்ன?

Polychaete worms, is an important link in the food chain of Mangrove Lagoon.  
It is illegally caught and sold to hatcheries through brokers which turns into a threat for the existence of several species of top carnivores like fish and birds in the lagoon.



polychaete







**Destruction of Mangroves By Occupation  
OF Prawn Farms**



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OF Prawn Farms**













## **Solutions for the protection of Mangrove Forest**

- **Filter Barrier should be set up in Mangrove forest areas where sewage is mixed. Waste water should be filtered and plastic debris should be removed immediately .**
- **Sewage Treatment plant should be set up and the wastewater should be treated before discharging into the Mangrove forest .**
- **Drastic Action should be taken against the gang that catches Polychaetes worms**
- **Awareness Boards About Mangrove forests should be Placed in Mangrove Forest Areas**





## Solutions for the protection of Mangrove Forest

- **Mangroves Awareness should be created among the public and schools children.**
- **Mangrove forest areas should be identified properly and all Encroachments should be removed.**
- **Action should be taken to remove shrimp farms near Mangrove forests**
- **New construction should not be permitted near the Mangrove Forest Area**
- **Illegal cutting down of mangrove trees for fishing traps and other public uses should be curtailed.**
- **Mangrove rejuvenation programs should be carried out.**
- **The Forest Department should monitor the Mangrove forest area in Pondicherry on a daily basis.**



*Thank you ....*

