STUDY AREA
Tsunami Affected Villages in Nagapattinam Coast

Fig - 2.1
Fig - 3.3
Tsunami: Disaster Assessment using IRS P6 Data along the Nagapattinam Coast

Before Tsunami (18-12-2004)

After Tsunami (06-01-2005)

Settlements
Diff. -11045 m

Vegetation cover
Diff. -18593 m

Water Bodies
Diff. -16690 m

Shrimp Farm
Diff. -13561 m

Sand
Diff. -58907 m

Unclassified

Scale
0 500 Metres

Fig. 3.2
Pre and Post Tsunami impacts along Nagapattinam Coast

Fig : 3.1
Fishing Hamlets
Akkaraipettai and Keechankuppam

Legend
- Road
- Street
- Settlements
- Play ground
- Temple
- School
- Dryfish Processing
- River
- Harbour
- Acacia

Scale
0 200 m

Fig - 2.2
Pappakoil Village

Shrimp culture: Sources of Water Inlets and Outlets

Legend
- Inlet Shuttres
- Outlet Shuttres
- Streams
- Tank
- Pond in practice
- River
- Ponds ready for culture
- Abandoned pond
- Water Inlet
- Water Outlet

Fig - 4.8
Akkaraipettai and Keechankuppam Relief Distribution for Domestic Animals with GPS and GIS Database

Fig - 4.4
Akkaraipettai and Keechankuppam
Tsunami Impact: GPS and GIS Data Base

Legend
- Red: Settlements
- Street
- Green: Dryfish Processing Centre
- Road
- Grey: Harbour
- Acacia

Scale
0  200 m

Fig - 4.3
Akkaraipettai and Keechankuppam
Pre and Post Tsunami Conditions of Physical and Cultural Features

Legend
- Red: Settlements
- Light Brown: Playground
- Pink: Temple
- Blue: School
- Light Green: Dry Fish Processing Centre
- Light Blue: River
- Purple: Harbour
- Green: Acacia tree

Pre Tsunami Condition

Sea Water Intrusion Level

Scale
0  200 m

Fig - 4.2
Akkaraipettai and Keechankuppam
Tsunami Impact on Coastal Hamlets

Legend
- Very High
- High
- Medium
- Low
- No Damage

Scale
0  200 m

Fig - 4.1
Akkaraipettagai and Keechankuppam
Arrangement of Coastal Settlements
(Distance from the Coastal Line)

Legend

- 100 m
- 200 m
- 300 m
- 400 m
- 500 m
- Above 500 m

Fig - 5.12
Nagapattinam Coast

Distance of the Permanent Shelters from the Seashore

<table>
<thead>
<tr>
<th>Study Area</th>
<th>Sirkali To Tarangambadi Taluk</th>
<th>Nagai To Vedaranyam Taluk</th>
</tr>
</thead>
</table>

Legend
- 200 m
- 500 m
- 750 m
- 1000 m
- 2000 m
- 3000 m
- Permanent shelter

Scale
- 0 - 3 km

Fig - 5.11
Nagapattinam Coast
*Tsunami Impact: Loss of Population*

<table>
<thead>
<tr>
<th>Study Area</th>
<th>Sirkali to Tarangambadi Taluk Nagai to Vedaranyam Taluk</th>
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Legend
- Adult male
- Adult female
- Male child
- Female child
- Orphans
- Orphaned Male
- Orphaned Female

Scale
- 0 3 Km

Fig - 5.5
Nagapattinam Coast
Tsunami Impact: Relief Distribution to Fishermen

Study Area
Sirkali to Tarangambadi Taluk
Nagai to Vedaranyam Taluk

Legend
- Catamaran
- Catamaran with net
- Catamaran net only
- Completely destroyed engine boat
- Vallam Net
- Partially destroyed engine boat
- Vallam with net completely destroyed
- Vallam without net completely destroyed
- Partially destroyed vallam
- Partially destroyed CBM engine boat

Scale
0 1 2 3 km

Fig - 5.4