

Fishery

Fishing activities are prevalent at various scales in the Sunderban catering to livelihoods amongst 15% of the population

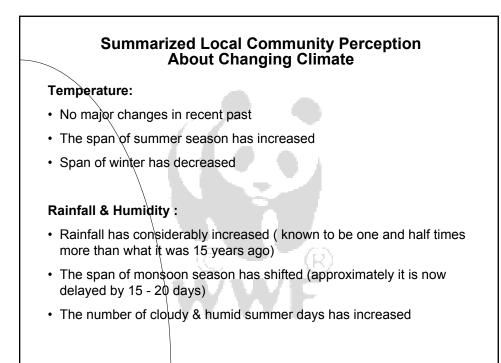
- Organized large scale fishing activity occurs in sea and deepwater
- Small scale fishing activity in the delta region (half of them are illegal)
- Micro scale fishing activity in the shallow river bed - mainly to collect the baby prawns / shrimps

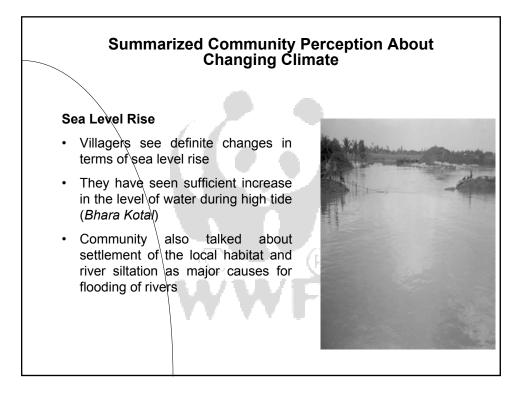
- high short term income - risk factor high in terms of biodiversity presence e.g. Crocodiles, Sharks

This also leads to rapid siltation in riverbed



Honey Collection
Approximately 3% of the total population involved in this trade
 Government has legalized and regulated the activity
 Due to low government rates compared to open market people are indulging in illegal trade of honey
 Risk factor high since honey collection is done within habitat of Tiger leading to possible man-animal conflicts
Wood Collection
 Approximately 5% of the population is involved in the trade
Most of them are illegal
 A major environmental concern due to depletion in mangrove stocks
 Economic returns good compared to other livelihood options
Risk factor high since collection is done from Tiger habitat





Adverse Effects of Climate Change as Perceived by The Community

- Intrusion of saline water into the agricultural land results in loss of yields and greater risk to the farmer
- Permanent intrusion causes loss of agricultural land and making people migrate (environmental refugees)
- Change in monsoon pattern causes severe stress on agriculture which is fully dependent on weather
- Increase in span of summer increases insect attack
 on crops
- The delayed winter hampers the cultivation of "Ravi Crop" (winter crops)
- The intrusion of saline water causes severe stress on availability of drinking water
- Increasing humidity leads to incremental phenomenon of vector borne diseases





