

















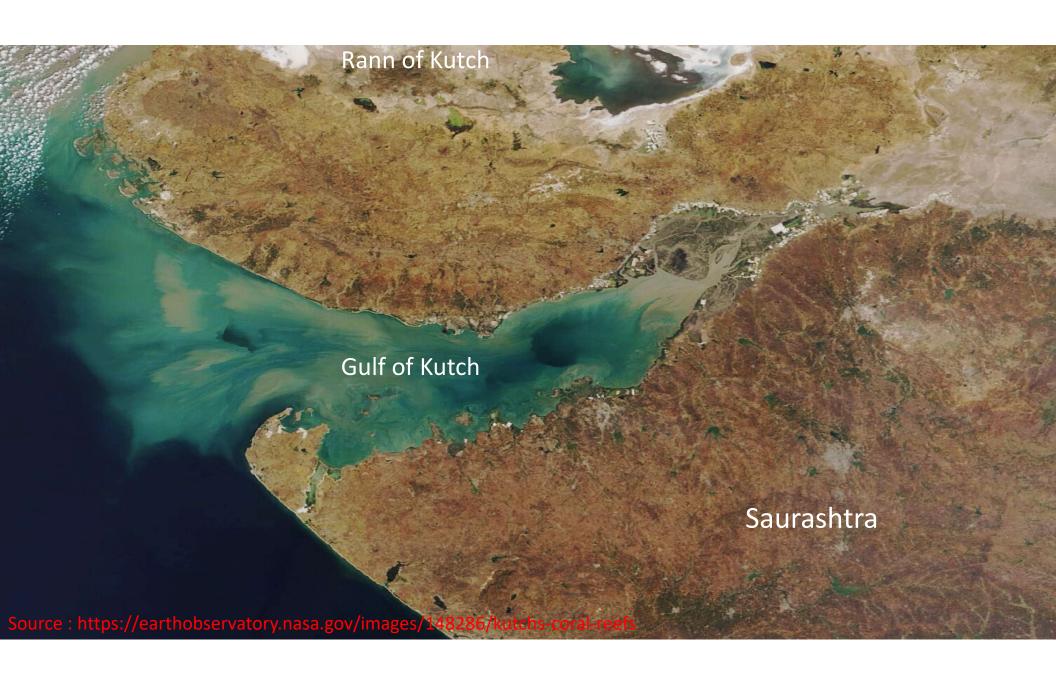




Small Fish and Small Fisheries on the Kutch Coast: Insights from a Field Study

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- Kutch in Gujarat is the largest coastal district of India with a coastline of approximately 400 km
- The Gulf of Kutch is the north-eastern arm of the Arabian Sea, located between the saline mudflats called the Rann of Kuch and the Saurashtra peninsula in west central India
- Since the early 2000s the coast is in the eye of a storm where two kinds of development imaginations are at loggerheads – one that aggressively promotes port-led industrialisation and coastal development, and the other that advocates a people-centric, ecologically sustainable development that protects traditional livelihoods and marine bio-diversity
- Fishing and fish drying by small artisanal fishermen is at the centre of this controversy



The Study

Structured survey of 33 dried fish processors in four villages (~9000 total fishing households across all) and seven traders including a producer company that is the largest trader in the market

Characteristics of Kutch Fisheries

- Kutch has extensive intertidal zone of creeks, estuaries and mudflats ideal for traditional fishing
- Shallow sea, with large marshy areas
- Bandars away from fishing villages
- Small scale fishery
 - using in-board diesel engine-fitted motorised boats
 - Pagadiya fishing
- Trawler fishing in Jakhau
- Mostly bag nets (gunjaa) are used; some also have gillnets (ras)
- Fishing is doMuslim Wagher community





- The processors in the sample collectively produced 493 ton dried fish during September 2020-June 2021 worth Rs. 16.74 million
- The catch was composed mainly (63 %) of mixed waste fish (or kuto in local language) used for manufacturing animal feed
- Golden anchovies formed 20% and Bombay Duck 6%
- The feed processors also buy golden anchovies separately to be mixed with trash fish for protein fortification
- Prawns are available seasonally, most of which are sold in boiled form in the local and nearby markets

- Every processor is tied to a trader through a loan advance.
 This is true of even the FPC
- The dried fish has to be sold to the traders every 15 days at predetermined prices plus the loan repayment instalment
 - Anchovies and trash fish goes to Andhra Pradesh, Tamil Nadu, Punjab and Haryana
 - Bombay duck to Maharashtra, Bangladesh and Sri Lanka
 - Prawns within Gujarat (to Patan, Surendranagar, Viramgam, and Ahmedabad)

- There are about 25 traders in the market
- They either approach fishers directly or through commission agents
- Price for each species is fixed by the merchants collectively for the entire year
- 25% of the value of catch is deducted against the loan amount

There is no local market for dried fish

 Women's role very critical as vendors (mainly of Pagadia catch) and in sorting and drying fish

 Quality has been a concern – unwashed drying, presence of sand and waste fish; improved somewhat over time



- Despite efforts at collective marketing started since the late 2000s, decline in the fisheries economy continues
- Catch has depleted
- Commercial fish varieties harvested very rarely
- The state is singularly focused on coastal industrialisation invisibilisation of the small fishing sector
- Sustainability of fishing as a livelihood opportunity is a big question