

CHAPTER-III

SURVEY OF FISHERIES IN MALVAN
TOWN - METHODOLOGY

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CHAPTER-III

SURVEY OF FISHERIES IN MALVAN TOWN - METHODOLOGY

III.1 INTRODUCTION :

India is endowed with rich marine resources. India can become one of the major fish producing countries in the world with an estimated output of more than 4.5 million tonnes marine fish. Exploitation of deep sea regime could be a dependable base for a major industry with possibilities of multi level employment potential in the country. There are at present more than 1.9 million coastal fishermen who depend on the sea for their livelihood. In our effort to raise the production potential of marine resources the role of brackish water is significant as we have about 1.5 million hectares of such areas along the coast line where fish farming could be developed.

Sixth plan targets : Experts believe that the exports can even be raised to Rs. 1,000 Crs. a year by increasing exploitation of the sea. The fact that trawlers from other countries find it commercially viable to come long distance to proach in Indian waters should be sufficient as an eye-opener for our Government to do some serious thinking. An investment of 2½ times higher than the present level is projected for meeting the marine fish supply gap of one million tonnes envisaged by 1985.¹

Malvan town having 7 km. coastal area and important and famous for fishing activities long back in the Maharashtra coastal area, requires detail study of the impact of fishing industry on employment and socio-economic status of the people. It requires studied efforts to develop and increase the fishing activities in present days due to its peculiar trend observed in people i.e. Migration to Bombay only.

III.2 APPROACH TO THE PROBLEM :

A Study of Fishing Industry in Malvan Town :

As mentioned above, it is ^{an} important fishing place, giving lakhs of rupees to national income but can't improved the standard of fishermen as they are living poor life attract attention to study this important problem ^{with a} in view to develop ^{ing} and increase the economic-socio condition of fishermen by proper ^{ing} investigation, suggestion and implementation in future.

III.3 OBJECTIVES OF THE STUDY :

The following are the objectives of the study :

- 1) to find out the present general position of fishing industry,
- 2) to find out the economic activities and impact of fishing industry on fishermen family,

3) to find out the contribution of fishing industry to ^{the} economy of Malvan town,

4) to find out the employment position in various types of fishing and future picture of employment absorption capacity of it,

5) to find out the various types of fishing activities - traditional way of fishing -

a) Rampan Sangh

b) Pagar or Dugat and Modern way of fishing

i) Ballavi

ii) Trawler and their detailed study,

6) to find out awareness and aid of Government, Banks and other agencies and measures for removing the drawbacks of credit and supply of credit to them,

7) to find out and analyse economic disabilities flowing from occupational pattern, marketing activities, activity status, educational development, unemployment situation, ownership pattern of assets and the disabilities at work and work places of fishermen,

8) to evaluate the effectiveness of economic schemes in removing economic disabilities and enlist the views of the fishermen from various types of fishing industry.

9) and to find out the present problems at various levels of fishing and suggestions for further development

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in view to develop fishing industry and impact on Malvan town.

III.4 METHODOLOGY :

To study the impact of fishing industry of Malvan town, two methods are used. One is interview scheduled and the other visits to Assistant Director of Sindhudurg Fisheries Office, Malvan, Block Development Office, Port Office, various Banks and printed books and other materials from library.

As indicated earlier the main purpose of this study was to examine the socio-economic condition of fishing industry in Malvan town (particularly economical activities of fisheries) different types of fishing ways are selected. The study concerned is of one year 1984-85 and is based on both primary and secondary data.²

Sample of Fishing Activity :

The field survey method i.e. interview scheduled was employed for the collection of primary data from a sample of 50.00% respondents of pagar and Ballavi way of fishing and 100.00% of Rampan Sangh and Trawler randomly selected in such a way as to cover a cross section of the members belonging to Malvan town.

With simple structural^{ed} questionnaire the personal interview technique was employed for collecting data from the simple^a respondents. The secondary data pertaining to the various aspects of the fisheries was gathered from the records and reports available in offices and library. Discussions were also hold^{ed} with the official^s of the fisheries at Malvan, BDO, Bankers and VIPs in fisheries to have an overall grasp of the various aspects relating to its functioning.

There are four main types of fishing in Malvan as follow and their framing of questionnaire or interview scheduled.

TABLE No.III.1

SAMPLE OF SELECTED FISHERIES

	Total	Selected	Percentage
1) Rampan	07	07	100.00
2) Trawler	08	08	100.00
3) Pagar	30	15	50.00
4) Ballavi	56	28	50.00
Total :	101	58	57.43

57.43

1) Dugout Method : Questionnaire/Interview scheduled for Dugout Method (Traditional). Locally known as Pagar. In pagar two or three fishermen can work (catch the fish) with very small boat 'Hodak'.

2) Rampan Sangh : Questionnaire/Interview scheduled. It ^{is} also known as Rampan. It ^{is} traditional collective type of fishing on shore. As 35 to 65 men from different families are working, known as Rampan Sangh. This fishing is being done by large net and just at ^{the} coastal line only.

3) Gillnet Fishing and Ballavi : Questionnaire/Interview Scheduled. ^{Here} four to five persons are on the Boat, they follow two types of fishing i.e. Nhay and Budi.

4) Trawler : Questionnaire/Interview scheduled (Modern Technique of fishing). Generally six fishermen are fishing ^{with a} boat. The boat having machine based on modern technique, it catches more fish than traditional way of fishing.

Through interviews of various fishing activities and the concerned officials and other VIPs in fishing industry ^{adequate} maximum information collected and ^{the actual conditions with} observed during survey.

The fact was brought to their notice, that it was a personal study for their well being ^{and that there was} no connection towards Government officials and Bankers. ^{As a result of it, we would be able to} get maximum facts ^{accurate}

data
~~and~~ figures from fishermen. The town Malvan is divided into eight parts (as per fishing activities) (1) Dhuriwada, (2) Rajkot, (3) Medha, (4) Makrebag, (5) Dandi, (6) Bharad, (7) Revtala and (8) Wari, where fishermen ^{have} settled there. The whole interview scheduled was ~~carried out~~ ^{conducted} personally.

ii) Tool of data collection :

First, we ~~have~~ ^{the} visited Assistant Director of Fisheries, Sindhudurg and ~~referred and~~ ^{referred} discussed with ^{the} officials, which ~~also~~ gave ~~me~~ ^{me} the above ^{locations} sections of the town and the list of various activities and fishermen ~~from~~ ^{from} town particularly from ^{the} the licencing officer of Fisheries Department, Malvan.

The households (fishermen) ^{were} serially arranged as per ^{the} the above ^{locations} sections and then ^{included} ~~for~~ ^{to} Rampan ^{and} Trawlers ^{all} ~~and~~ ^{and} all ^{of} ~~all~~ (100.00%) fishermen were selected. For Gillnet and Bellavi and Pagar 50.00% fishermen ^{were} ~~chosen~~ ^{chosen} by taking into consideration of ^{the} eight sectionwise ^{fishermen} fishermen. ^{So that proper data is} ~~So that proper data is~~ available, which represents the whole picture of towns ^{methods of} fishing activity ^{followed in Malvan town.}

Presentation and Analysis of the Data :

The interview and survey data have been analysed in various chapters namely, Rampan Sangh and their economic information, Pagar or Dugout and their economic information,

Gillnet and Ballavi and economic information and Trawlers and their economic activities.

These four chapters consists of general and ^{particular} (peculiar) information regarding capital structure - fixed and working capital; Income ^A Gross and Net Income; consumption pattern and indebtedness; and organizational structure - traditional or modern way of fishing.

The last part of the thesis (study) relates to summing-up and conclusions emerging from ~~survey and~~ ^{the} study analysis and also to suggestions for policy improvements.

iii) Limitations :

A) The statistical data collected from Rampan Sanghs, Trawlers, Pagars and Ballavi/Gillnet household are based on oral information given by the respondents. As no formal record is kept by the households, the data collected ~~can be said to be fairly reliable.~~ ^{suffers from overall bias.}

B) Only the fishermen and fishing activities within the ~~area of~~ ^{ves} Malvan Municipal Town area are covered as per the object of the research.

C) The suggestions are made on the basis of the findings revealed by ^{the} present empirical study, ^{limited in its} ~~scope and coverage.~~

D) Only ^{the} major four categories of fishing activities are covered under the study pertaining to the year 1984-85 ^{and} the four categories ^{however,} are quite representative of fishing ^{the} industry in Malvan town.³

III.5 SCHEME OF STUDY :

The dissertation is divided into ^{ten} nine (10) chapters as follows :

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|-------------|---|---|
| Chapter-I | : | A Study of Fishing Industry in Maharashtra with Special reference to Ratnagiri and Sindhudurg Districts. |
| Chapter-II | : | Brief ^{Description} Study of Malvan Town and Coastal Area - Its General Information. |
| Chapter-III | : | Deals ^{with} Survey of Fisheries in Malvan Town - Methodology and Scheme of Study. |
| Chapter-IV | : | A Study ^{of} First Fishing Activity Known as 'Rapan or Rompan' - Its details of Capital, Investment, Income and Expenditure. |

- Chapter-V : A Study ^{of} Modern Fishing Activity called ^{as} Trawler - Trawling and Capital Investment, income and expenditure.
- Chapter-VI : A Study of Traditional Fishing known as Dugout/Pagar Fishing - Its all information - Economic-Social.
- Chapter-VII : A Study of Ballavi/Gillnet fishing activity, covering all factors - capital, investment expenditure and others.
- Chapter-VIII : It gives general features of market particularly, Malvan Municipal Market.
- Chapter-IX : ^{presents} It ~~accounts~~ a review of Government Policies for ^{the} Development ~~for~~ of the fishing industry.
- Chapter-X : ^{with} Deals Summary and Conclusion, of all ^{the} nine chapters ^{and contains} given findings and suggestions ^{based on the field} ~~out of field work and~~ study of fishing industry in Malvan town.

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