



Dynamics of Women's Self Help Groups in Malabar Fisheries Sector : A Case Study

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Objectives

- Assessing the Group Dynamics of the SHGs' of women fisherfolk and identifying the important dimensions contributing to their effectiveness.
- Assisting in economic empowerment of women's SHGs' through training and adopting economically viable income generating micro enterprises in fisheries & diversified sectors and elucidating success cases of SHGs'.
- Identifying the socioeconomic and technical constraints faced by the women fisherfolk and thereby assisting in developing a strategy for mobilizing and strengthening an effective SHG.



 **GROUP**

 **GROUP DYNAMICS**

 **SELF HELP GROUP**

 **SELF HELP GROUP DYNAMICS**

EFFECTIVENESS INDEX (GDEI)





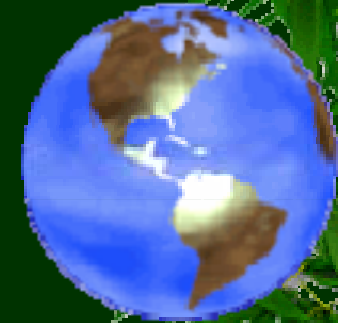
Malabar Fisheries Sector : Comparison of Quality parameters



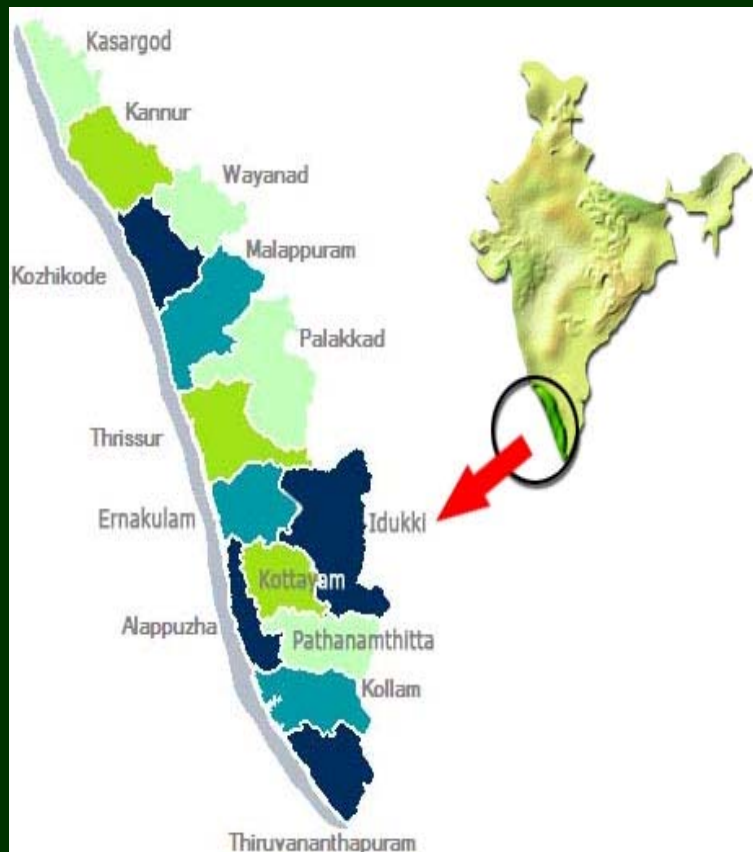
Parameter	Kerala	Malabar Fishing Villages
Infant mortality	13 / 1000	85 / 1000
Household (thatched)	20 %	10 %
Pucca Houses	72 %	10 %
Homestead Plots	2-10 Cents	16 % (No Homestead)
Land below 5 cents	9 %	32 %
Land (1- 5 acres)	15 %	1 %
Sex ratio	1040:1000	972:1000

Methodology

- 4 districts in Malabar of Kerala state : Kasargod, Kannur, Kozhikkode & Malappuram.
- From each of the district, 3 SHGs' of women fisherfolk at random were selected, comprising a total of 12 SHGs'.
- From each SHG, 15 women were personally interviewed by a pre tested interview schedule.
- The Group Dynamics of each SHG was quantified by developing an index called Group Dynamics Effectiveness Index (GDEI), consisting of 12 dimensions



Locale of the study : Malabar Coastal Districts



Dimensions of Group Dynamics Effectiveness Index

1. Participation
2. Influence & styles of influence
3. Decision making procedures
4. Task functions
5. Maintenance Functions
6. Group Atmosphere
7. Membership
8. Feelings
9. Norms
10. Empathy
11. Interpersonal Trust
12. Achievements of SHG



Personal & Socio psychological characteristics

- Age, Education, Annual income, Occupation

- Socio-economic status

- Extension orientation,

- Scientific orientation

- Mass media participation

- Social participation

- Cosmo politeness

- Knowledge

- Attitude towards SHG

- Attitude towards Intervening agency

- Attitude towards other fishermen

- Information source use pattern



Selected SHGs', location, micro enterprise and Group Dynamics Effectiveness Score



District	Name of SHG	Location	Micro enterprise	GDEI Score
Kasargod	Kavunchira Kairali	Cheruvathur	Bivalve farming	61.7
	Ori unit	Padanna	Bivalve farming	79.1
	Vedavyasa	Kottikkulam	Fish drying & value addition	57.2
Kannur	Seafood unit	Thayyil	Fish drying & value addition	68.8
	Krishnamadham	Mattul	Fish drying & value addition	59.6
	Chaithanya	Aykkara	Fish Processing & value addition	52.8
Kozhikkode	Kasthurba	Chombala	Fish processing & value addition	67.1
	Samudra	Virunnukandy	Fish processing & value addition	47.2
	Snehatheeram	Beypore	Fish drying & Value addition	57.4
Malappuram	Yuvasakthi	Puthuponnani	Bivalve farming	67.0
	Arafa	Ponnani	Fish drying & value addition	65.8
	Soorya	Marakkadavu	Fish Processing & Value addition	56.8

Analysis of variance in Group Dynamics Effectiveness of SHG's

Source of Variation	Degrees of freedom	Sum of squares	Mean sum of squares	"F" Variance ratio
Between groups	11	14368.06	1306.19	18.19**
Error	$\frac{168}{179}$	12064.26	71.81	

** Significant at 1% level of significance.

Simple Correlation analysis of sub-dimensions of Group Dynamics Effectiveness with GDEI (n=180)

Number	Variable Characteristic	Correlation coefficient (r)
1.	Participation	0.947**
2.	Influence and Styles of influence	0.938**
3.	Decision making procedures	0.919**
4.	Task functions	0.907**
5.	Maintenance functions	0.913**
6.	Group atmosphere	0.945**
7.	Membership	0.874**
8.	Feelings	0.879**
9.	Norms	0.884**
10.	Empathy	0.869**
11.	Interpersonal trust	0.918**
12.	Achievements of SHG	0.949**

** Significant at 1% level of significance



Relationship of personal and socio-psychological characteristics with GDEI (n=180)

Variable	Characteristic	Correlation Coefficient
1	Age	0.087
2	Education	0.310**
3	Occupation	0.058
4	Annual income	0.503**
5	Farm household size	0.508**
6	Fishing experience	0.147
7	Socio-economic status	0.871**
8	Extension orientation	0.840**
9	Scientific orientation	0.813**
10	Mass media participation	0.479**
11	Social participation	0.687**
12	Cosmopolitanness	0.678**
13	Knowledge	0.767**
14	Attitude towards SHG	0.820**
15	Attitude towards intervening agency	0.791**
16	Attitude towards other members	0.782**
17	Information source use pattern	0.847**



Ranking for priorities of women SHGs' for Fishery based micro enterprises in Malabar

No	Micro enterprise	Preference Rank of respondents			
		Kasargod	Kannur	Kozhikkod	Malappuram
1.	Preparation of Value Added products	3	5	1	1
2.	Preparation of Dry Fish products	4	1	3	5
3.	Fish Processing Unit	5	2	2	4
4.	Ready to eat fish products	6	6	5	6
5.	Ready to cook fish products	7	7	6	7
6.	Ornamental Fish culture enterprise	8	9	7	8
7.	Mussel culture	1	3	4	2
8.	Clam collection	11	4	9	9
9.	Edible oyster culture	2	8	8	3
10.	Pearl culture	10	11	12	10
11.	Mud Crab culture	9	10	11	11

Ranking of Diversified micro enterprises : Agricultural sector

No	Micro enterprise	Preference Rank of respondents			
		Kasargod	Kannur	Kozhikkod	Malappuram
1.	Vegetable farming	1	2	1	1
2.	Ornamental Gardening enterprise	3	1	3	3
3.	Floriculture	4	5	2	4
4.	Kitchen garden	6	6	5	6
5.	Orchards	7	7	6	7
6.	Fruit products	8	9	7	8
7.	Fruit Processing	5	3	4	2
8.	Snacks bar	11	4	9	9
9.	Catering Unit	2	8	8	5
10.	Bakery Unit	10	11	10	10
11.	Cereal Pulverizing Unit	9	10	11	11
12.	Sericulture Unit	13	13	12	13
13.	Planting mangroves & acacia trees	12	12	13	12

Ranking of Diversified micro enterprises : Allied sector

No	Micro enterprise	Preference Rank of respondents			
		Kasargod	Kannur	Kozhikkod	Malappuram
14.	Glossary repacking	2	1	1	1
15.	Garment unit	1	2	2	2
16.	Soap unit	7	4	3	4
17.	Wood – Stone carpentry	8	9	10	12
18.	Computer centre	9	10	4	8
19.	Cattle unit	13	12	13	9
20.	Poultry unit	12	11	11	10
21.	Hand weaving	5	3	12	11
22.	Candle unit	3	7	5	7
23.	Chalk Unit	4	6	7	6
24.	Umbrella Unit	6	5	6	5
25.	Foam Bed Unit	10	8	8	3
26.	Bamboo based handicrafts	14	14	9	14
27.	Firewood	11	13	14	13

No	General Constraints	Rank assigned by respondents (n=180)			
		Kasargod	Kannur	Kozhikkod	Malappuram
1.	Poor living conditions & livelihood security	1	1	1	1
2.	Educational Illiteracy	2	2	2	2
3.	Lack of proper employment	4	3	3	4
4.	Socially unorganized set up	3	4	5	3
5.	Gender inequality	6	6	4	5
6.	Alcoholism of men fisherfolk & exploitation	5	5	6	6
7.	Health problems	8	7	7	7
8.	Scientifically less advanced	7	8	8	9
9.	Cultural bonding, customs, traditions, conservatism	9	9	9	8
	Constraints of SHG	Rank assigned by respondents(n=180)			
10.	Marketing is a tough task	1	1	1	1
11.	Choosing Diversification	3	4	3	2
12.	Sustenance difficult	4	2	2	3
13.	Hectic procedures in preparing minutes, reports, meetings, banking etc.	2	3	4	4
14.	SHG became an additional burden	5	5	5	5

Cost estimates of the SHG's in bivalve farming (Rs)



Component	SHG 1	SHG 2	SHG 3	SHG 4	SHG 5	SHG 6
Total Cost	32,354	50,415	37,950	45,550	55,587	43,095
Returns	40,000	64,000	48,000	60,000	72,000	58,000
Net Operating Profit	7,646	13,585	10,050	14,450	16,413	14,905
B : C Ratio	1.236	1.269	1.265	1.317	1.295	1.346
GDE Index	52.78	54.33	53.91	57.32	61.70	79.10



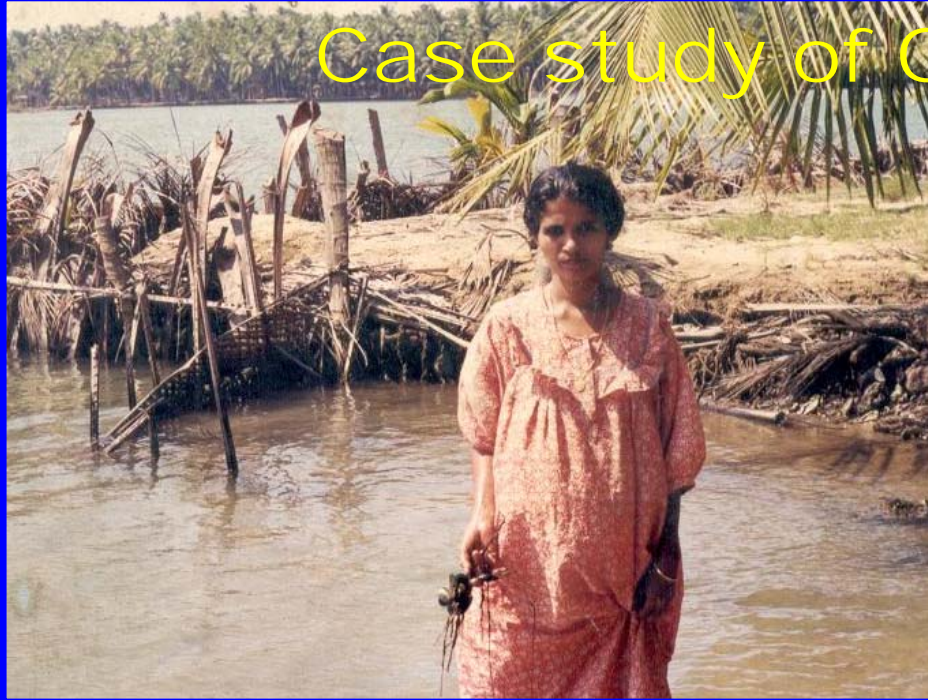
B C Ratio & GD Index : Proportional relationship



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B : C Ratio	1.236	1.269	1.265	1.317	1.295	1.346
GDE Index	52.78	54.33	53.91	61.70	55.68	79.10

Success Case study of 'Ori'
Mussel Group

Case study of Ori mussel Group



3 phases of SHG : 36 months
Formation, Stabilisation &
Self Helping Phases
Participative culture

Documents and records :

Perfect maintenance in SHG

All Dimensions of Group

Dynamics :

Tracing marketing channels :

Each member gets Rs 10,000 /-



Economic Empowerment
of SHG

Other Parameters

Structure, Meetings, Attendance, Savings, Credit, Interest, Repayment, Bylaw rules,

Action, Administration, & Registers

- Membership Register
- Minutes Book
- Weekly Activity Register
- Savings Register
- Consolidating Register
- Credit Register
- Credit Receipt Book
- Pass Book





Success Cases of Women SHGs' on Value addition, Drying, Processing & Bivalve farming





സമുദ്ര ഗ്രൂപ്പ്
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Samudra SHG : Fish Processing & Cereal Pulvarising



Empowerment Programmes for Women SHGs'



Strategy for mobilisation of an effective SHG

For Women Fisherfolk

40 Steps

3 Phases of a Group



Formation Phase (0 to 4 Months)



Stabilisation Phase (4 to 15 months)



Self Helping Phase (15 to 36 months)



Conclusion & Practical Utility

👉 The scale of GDEI and its identified dimensions can be used in similar future research in allied sectors.



👉 Lacunae give feedback for the possible improvement

👉 The identified interrelationships between the variables can act as catalytic points promoting group empowerment

Practical Utility

(Contd..)

👉 The success case studies may be adopted as a case model for SHGs' in other key areas



👉 The strategy for mobilisation of SHG is a Practical Manual for organising Self Help Groups

👉 Identified constraints of SHGs' & the preference ranking of micro enterprises give an idea on the appropriateness of the location specific venture in fisheries and diversified sectors for economic empowerment of women SHGs'.

ഭൂവിതരണപരിഷ്കരണ
പി.കെ.എസ്.കോളേജ്
പ്രവർത്തനങ്ങൾ
തിരുവനന്തപുരം ജില്ലാ പരിഷ്കരണ
സെക്ഷൻ പരിഷ്കരണ
സംയമനം

THANK YOU

