

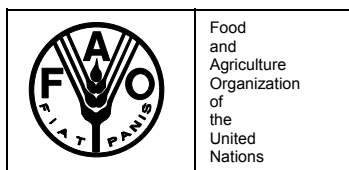
WESTERN CENTRAL ATLANTIC FISHERY COMMISSION

**REPORT OF THE THIRD WORKSHOP ON THE ASSESSMENT OF
SHRIMP and GROUND FISH FISHERIES ON THE BRAZIL-GUIANAS
SHELF**

Belém, Brazil, 24 May - 10 June 1999



CARICOM Fisheries Resources
Assessment Program (CFRAMP)



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PREPARATION OF THIS DOCUMENT

This document was prepared by the Food and Agriculture Organization of the United Nations (FAO), which organized the third Stock Assessment Workshop on the Shrimp and Groundfish Fisheries on the Brazil-Guiana Shelf in Brazil from 24 May to 10 June 1999. The Workshop was organized and funded through the FISHCODE Project in collaboration with the CARICOM Fisheries Resource Assessment and Management Program (CFRAMP), funded by the Canadian International Development Agency (CIDA). The work was accomplished under the guidance and with support of FAO/Western Central Atlantic Fishery Commission.

The FISHCODE Project (GCP/INT/648/NOR), that is funded by Norway, aims at improving the quality of scientific advice for fisheries management and a major involvement of all stakeholders. This Workshop was a follow-up to two similar workshops jointly organized and funded by CFRAMP and the FAO/DANIDA Project GCP/INT/575/DEN "Training in fish stock assessment and fishery research planning".

This document is a follow-up to FAO Fisheries Report 600, which contains the documents prepared at the second workshop held in Port-of-Spain, Trinidad and Tobago from 7 to 18 April 1997. It assembles the reports prepared before and during the third Workshop held in Belém on the marine shrimp and groundfish fisheries and their management of northern Brazil, French Guiana, Guyana, Suriname, Trinidad and Tobago and eastern Venezuela.

It includes national reports and papers on methodology presented at the Workshop and stock assessment papers on shrimp and groundfish resources and their management prepared during the Workshop. Sections 18 and 19 deal with the bio-economics of shrimp fisheries of the Brazil-Guiana shelf and in particular with seasonality, risk and uncertainty.

Section 20 contains a report on a meeting where the results of assessments were presented to the fisheries managers and recommendations were drafted for follow-up activities, including national workshops to discuss the results of the assessments made in Belém with all stakeholders in each country. Such follow-up meetings already did take place in 2000 and reports were issued as Field Reports of the FISHCODE Project in the languages used at those meetings (Dutch, English, French, Portuguese and Spanish).

This document, a contribution of the FISHCODE Project, has been edited by Paul Medley, in close cooperation with the various authors, as well as Kevern Cochrane and Siebren Venema.

A report of the fourth regional Workshop in this series, was in October 2000 in Cumaná, Venezuela, will be issued soon by the FISHCODE Project, also as a FAO Fisheries Report.

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FAO/Western Central Atlantic Fishery Commission.

Report of the third Workshop on the Assessment of Shrimp and Groundfish Fisheries on the Brazil-Guianas Shelf. Belém, Brazil, 24 May - 10 June 1999.

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ABSTRACT

This document assembles the reports on the marine shrimp and groundfish fisheries of northern Brazil, French Guiana, Guyana, Suriname, Trinidad and Tobago and eastern Venezuela prepared for and during the third Workshop on the Assessment of Shrimp and Groundfish Fisheries on the Brazil-Guianas Shelf, held in Belém, Brazil, from 24 May to 10 June 1999.

Section 2 includes papers dealing with overviews of important shrimp and groundfish resources and their fisheries. Section 3 deals with fisheries management practices in the area in the context of the Code of Conduct for Responsible Fisheries. Sections 4 and 5 contain papers on stock assessment methodology applicable in the region.

Sections 6 to 18 deal with national or sub-regional assessments of selected shrimp and groundfish fisheries. Section 17 also deals with the bio-economics of shrimp fisheries in general and in particular with seasonality, risk and uncertainty.

Section 19 is a report of a task group on snapper fisheries of the Brazil-Guianas Shelf, it includes a discussion on future management measures.

Section 20 contains a report on a meeting where the results of assessments were presented to the fisheries managers and recommendations were drafted for follow-up activities.

The names and addresses of the various authors can be obtained from the section headings and the list of participants in Section 22.

There is an extensive list of references in Section 21.

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TABLE OF CONTENTS

1	INTRODUCTION.....	1
2	BACKGROUND TO THE SHRIMP AND GROUND FISH FISHERIES OF THE REGION.....	4
2.1	Brazil.....	4
2.2	French Guiana.....	5
2.3	Suriname.....	5
2.4	Guyana.....	7
2.5	Venezuela.....	8
2.6	Trinidad and Tobago.....	9
2.7	Jamaica.....	9
3	EXISTING APPROACHES TO FISHERIES MANAGEMENT IN THE BRAZIL-GUIANAS SHELF.....	11
3.1	Legal framework.....	11
3.2	Regional Cooperation.....	13
3.3	Precautionary approach to fisheries.....	13
3.4	National fisheries legislation.....	14
3.5	Institutional structure.....	16
3.6	Current management goals.....	21
3.7	Fishery management issues.....	21
3.8	Current management regulations.....	22
3.9	Regional approach to management.....	30
4	BIOMASS DYNAMIC MODELS.....	32
5	DEVELOPMENT OF A MULTISPECIES-MULTIGEAR PER - RECRUIT MODEL THAT INCORPORATES PARAMETER VARIABILITY.....	33
5.1	Introduction.....	33
5.2	The development of a multispecies-multifishery per-recruit model.....	33
5.3	Calculation of biological reference points.....	36
5.4	Incorporating variability into the assessment framework.....	36
6	NORTHERN BRAZIL SHRIMP FISHERIES.....	37
6.1	Description of the fisheries.....	37
6.2	Trends in catch and effort.....	39
6.3	Population dynamics and stock assessment.....	40
6.4	Stock assessments.....	42
6.5	Management.....	43
6.6	Research programme.....	43
7	ASPECTS OF FISHING FOR SNAPPER (<i>Lutjanus purpureus</i>) ON THE NORTH COAST OF BRAZIL.....	45
7.1	Background.....	45

8	THE FISHERY FOR BROWN SHRIMP (<i>Penaeus subtilis</i>) IN FRENCH GUIANA.....	54
8.1	The fishery	54
8.2	Data and biological inputs.....	56
8.3	Assessments.....	60
8.4	General comments on quality of assessment.....	68
8.5	Management considerations.....	70
8.6	Conclusions	71
9	RED SNAPPER (<i>Lutjanus purpureus</i>) FISHERY IN FRENCH GUIANA	72
9.1	Introduction	72
9.2	Data and biological inputs.....	75
9.3	Assessments.....	77
9.4	Stock - recruitment and yield per recruit	84
9.5	Discussion and management considerations	86
10	SHRIMP AND FINFISH FISHERIES IN SURINAME.....	87
10.1	General background	87
10.2	Collection of data for stock assessment	87
10.3	Shrimp fishery.....	88
10.4	Seabob Fishery.....	94
10.5	Finfish fisheries	94
11	ASSESSMENTS OF SHRIMP FISHERIES OF GUYANA	105
11.1	Background.....	105
11.2	Distribution of the species.....	106
11.3	Biological data.....	106
11.4	Catch and effort data	107
11.5	Stock assessment methods.....	107
11.6	Results and discussion	107
11.7	Conclusions	109
11.8	Recommendations.....	109
12	ASSESSMENTS OF FISHERIES IN GUYANA FOR BANGAMARY (<i>Macrodon ancylodon</i>) AND BUTTERFISH (<i>Nebris microps</i>)	110
12.1	Introduction	110
12.2	Biology	111
12.3	Data used for the assessment	112
12.4	Estimation of L_{∞} and K parameters	113
12.5	Gear selectivity	114
12.6	Catch Curve Analysis (Ehrhardt and Legault 1996).....	116
12.7	Catch per unit of effort (CPUE) trends.....	119
12.8	Multifishery-multispecies per-recruit modelling (Booth 1999)	120
12.9	Discussion.....	122

12.10	Conclusion.....	123
13	STOCK ASSESSMENT OF TWO SCIAENID FISHERIES IN THE WEST COAST OF TRINIDAD AND TOBAGO	124
13.1	Introduction	124
13.2	Data	125
13.3	Stock assessment methods.....	125
13.4	Results and discussion	126
13.5	Conclusion	137
14	ANALYSIS OF INDUSTRIAL TRAWL AND ARTISANAL FISHERIES OF WHITEMOUTH CROAKER (<i>Micropogonias furnieri</i>) OF VENEZUELA AND TRINIDAD AND TOBAGO IN THE GULF OF PARIA AND ORINOCO RIVER DELTA	138
14.1	Background.....	138
14.2	Data sets.....	140
14.3	Biomass dynamics stock assessment	141
14.4	Yield per recruit stock assessment	144
14.5	Discussion.....	147
15	PRELIMINARY ASSESSMENT OF THE JAMAICAN PENAEID SHRIMP FISHERIES OF KINGSTON HARBOUR.....	149
15.1	Introduction	149
15.2	Data	149
15.3	Methods	150
15.4	Results	150
15.5	Discussion.....	152
15.6	Conclusions and recommendations.....	153
16	APPLICATION OF A MULTISPECIES-MULTIGEAR PER-RECRUIT MODEL THAT INCORPORATES PARAMETER VARIABILITY TO THE SHRIMP AND GROUND FISH FISHERIES OF GUYANA.....	154
16.1	Summary.....	154
16.2	Introduction	154
16.3	Methods	155
16.4	Results	158
16.5	Discussion.....	170
17	BIO-ECONOMICS OF SHRIMP FISHERIES OF THE BRAZIL–GUYANA SHELF: DEALING WITH SEASONALITY, RISK AND UNCERTAINTY	173
17.1	Introduction	173
17.2	The precautionary approach to shrimp fisheries management: dealing with risk and uncertainty	174
17.3	Decision tables with and without mathematical probabilities	174
17.4	Bayesian criterion	174
17.5	Decision criteria without mathematical probabilities	175
17.6	Bio-economic model for a multi-species multi-fleet shrimp fishery	175

18	CASE STUDY FOR A MULTI-SPECIES MULTI-FLEET SHARED STOCK FISHERY: PRELIMINARY BIO-ECONOMIC ANALYSIS OF THE TRINIDAD AND TOBAGO / VENEZUELA TRAWL FISHERY	179
18.1	Description of the Trinidad and Tobago fishery	179
18.2	Description of the Venezuela fishery	179
18.3	Methods	179
18.4	Results	183
18.5	Conclusions	185
18.6	Recommendations for future research.....	185
19	REPORT ON MEETING OF THE TASK GROUP ON SNAPPER FISHERIES OF THE BRAZIL-GUIANAS SHELF	186
20	REPORT ON THE MEETING OF FISHERIES DIRECTORS	189
21	REFERENCES.....	194
22	LIST OF PARTICIPANTS.....	203