

NATURAL RESOURCES SYSTEMS PROGRAMME
PROJECT REPORT¹

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R7797

Report Title

Opportunities and constraints for coastal livelihoods in the Caribbean. Scientific report.
Part 2 - Appendices.
Annex A of the Final Technical Report of project R7797.

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Organisation

Natural Resources Institute

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NRSP Production System

Land Water Interface

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SCIENTIFIC ANNEX A
OPPORTUNITIES AND CONSTRAINTS FOR COASTAL
LIVELIHOODS IN THE CARIBBEAN
(R7797)

TECHNICAL REPORT OF
TEAM ACTIVITIES AND FINDINGS

PART II - APPENDICES

by

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Appendix 1:

LIST OF ACRONYMS

BMP	Bonaire Marine Park
BVI	British Virgin Islands
CANARI	Caribbean Natural Resources Institute
CARICAD	Caribbean Centre for Development Administration
CARICOM	Caribbean Community
CARICOMP	Caribbean Coastal Marine Productivity Programme
CATHALAC	Water Centre for the Humid Tropics in Latin America & the Caribbean (Spanish acronym) Centro del Agua del Trópico Húmedo para América Latina y el Caribe
CBA	Community based association
CCA	Caribbean Conservation Association
CCAM	Caribbean Coastal Area Management Foundation (Jamaica)
CDB	Caribbean Development Bank
CDERA	Caribbean Disaster Emergency Response Agency
CEHI	Caribbean Environmental Health Institute
CERMES	Centre for Resources Management and Environmental Studies
CFRAMP	CARICOM Fisheries Resources Assessment and Management Program
Comm Sec	Commonwealth Secretariat
CPACC	Caribbean Planning for Adaptation to Global Climate Change Project
CLI	Caribbean Law Institute Centre
CTO	Caribbean Tourism Organisation
CWP	OECS Coastal Watch Programme
DFID	Department for International Development, UK
ECLAC	Economic Commission for the Caribbean and Latin America
EEZ	Exclusive Economic Zone
ET	Environment Tobago
EU	European Union
FAO	Food and Agriculture Organisation of the United Nations
GIS	geographic information systems
GOJ	Government of Jamaica
GPS	Global positioning system
ICAM	Integrated Coastal Area Management
ICLARM	International Centre for Living Aquatic Resources Management, BVI
IDB	Inter-American Development Bank
IMA	Institute of Marine Affairs, Trinidad and Tobago
IRF	Island Resources Foundation
IUCN	The World Conservation Union
LWI	Land Water Interface
MPA	Marine Protected Area
NGOs	non-governmental organisations
NRCA	Natural Resources Conservation Authority (Jamaica)
NR	natural resources
NRI	Natural Resources Institute (UK)
NRM	natural resources management
NRMU	Natural Resources Management Unit (of OECS), St Lucia
NRSP	Natural Resources Systems Programme
OECS	Organisation of Eastern Caribbean States
SCALES	Barbados-based consultancy company
SEDU	Social and Economic Development Unit, University of the West Indies, Trinidad
SIDS	Small Island Developing States
THA	Tobago House of Assembly
UK	United Kingdom
VSG	Virtual Steering Group

UEA	University of East Anglia UK
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific and Cultural Organisation
USA	United States of America
USAID	United States Agency for International Development
USVI	United States Virgin Islands
UWI	University of the West Indies
VHF	very high frequency (radio)
WB	World Bank
WCMC	World Conservation Monitoring Centre, UK
WRI	World Resources Institute

Appendix 2a:

**SAMPLE QUESTIONNAIRE
FOR FIELD WORK**

Environment TOBAGO

DFID-FUNDED LWI PROJECT WITH NRI, GREENWICH, UK

*OPPORTUNITIES AND CONSTRAINTS IN COASTAL
LIVELIHOODS IN THE CARIBBEAN*

Occupational Group: Beach Restaurant Owner _____

Community, location: Speyside _____

Identification Number: _____

Interviewer: _____ Kathy Young

Date: _ March 13th, 2001

OPPORTUNITIES AND CONSTRAINTS IN COASTAL LIVELIHOODS IN THE CARIBBEAN

!!!!TRANSCRIPT OF RESPONSE OF INTERVIEWEE IN ITALICS!!!!

DEMOGRAPHIC

1. Number in household [] [7]
2. How long have you lived in this community? *All my life*.....
3. If you have lived in this community for less than five years, in which parish/community did you live before?
Community: _____

ECONOMIC DATA

4. List all your sources of income. Include support from relatives locally and abroad.

Number	Income Source	Number	Income Source	Number	Income Source
1	<i>Dive Shop</i>	5		9	
2	<i>Beach Restaurant</i>	6		10	
3		7		11	
4		8		12	

5. Now, rank your sources of income in order of importance. First, say which brings in the most money over the year. Then say which takes up the most of your time. Next, say which one gains you the most respect in the community. Finally, say which ones give you the greatest satisfaction.

	Money	Time	Respect	Satisfaction
Most	<i>Beach Restaurant</i>	<i>Dive Shop</i>	<i>Both</i>	<i>Beach Restaurant</i>
Second	<i>Dive Shop</i>	<i>Beach Restaurant</i>		
Third				
Fourth				

6. An important aspect of any business is the availability of credit. Are you able to get enough credit to finance your income-generating activities?

Yes, I have got enough []
 I have received some credit, but not enough []
 No, I have not been able to get credit []

If no, why do you think you have been unable to get enough credit?

7. Have you received any credit/loan to finance your income-generating activities in the last ten years? Include loans from family and friends or any source.

Yes [] No []

	Source of Credit	Purpose of Credit	Amount of Credit	Year Obtained	Interest Rate	Time to pay	Collateral	Present Status
1	Commercial Bank	buy two new boat engines and fix the compressor	\$80,000.	1995	\$2,000. per month	can't remember	Jeep insurance policy	still going
2								
3								
4								

ASSETS

8. Do you save with any of the following institutions:

Commercial bank [] Credit union [] Building society []

Partner ('susu')[] Unit Trust []

Other (specify): No.....

9. Have you invested your money in any of the following:

Stock market [] Bonds and Treasury Bill []

Unit Trust []

other (specify): No.

10. Do you own land? Yes [] No []

If no, do you: Lease [] Rent [] Squat [] Stay on family land []

Other:

If yes, more than one acre? Yes [] No []

If yes, how is the land used? Crops [] Pasture [] Animal Pens []

(Choose all that apply) Idle [] Fallow [] Forest []

Wetland [] Dwelling []

Small business [] Specify:

11. Do you own/lease/rent the house in which you live?

Own [] Lease [] Rent [] Rent-Free []

Other.....

12. Please indicate which of the following you own:

[] motor car [] motor truck [] motor bike [] bicycle

[] 1-2 cows [] more than 2 cows [] pigs [] goats/sheep

chickens ducks/other birds boat, if yes use of boat...diving and fishing.....
 colour TV VCR CD player
 computer refrigerator telephone cell phone
 direct TV

13. Do you have access to the following:
 Piped water Electricity Telephone
 Cook with: wood charcoal kerosene gas electricity
 Toilet facilities: yes no ; pit flush other ; private shared

HOUSEHOLD WELL-BEING

14. What are your major concerns in life?
 Major: My kids having an education, that is number one.

How does this affect you directly? *Well not too bad now. Because, the important thing is that you can give them what they want, the books, the transport to go to school.*

In what way could it be better? *By earning more money, so you can send them somewhere where they could further their studies.*

Second: *the easing up of the foreign dive shops, so that we can have a better life.*

How does this affect you directly? *Since foreigners come and open dive shops we facing a problem cause for instance if we take a loan from the bank and it have lots of foreign dive shops opening here right now, and you know the Germans come to the Germans, the Denmarks come to who have here and eventually we don't have any business at all. And the problem with that when we don't have any business is that we have to pay the bank every month if we can't pay the bank then next thing the bank walk in and cease everything and we have nothing.*

In what way could it be better? *I think the government should really do something concerning this. Cause we are the locals here and we are not getting anything here. It is just a couple of divers that you get to pick up around, too much foreign dive shops on the island too many, already actually they take over. And that is a problem that we are facing here cause all the dive shops are crying out right now, it is a big problem, so I hope they could do something about that.*

Third: *The only other thing I can say is that there are tourists coming on the island and they are being molested on the street and thing and it is something I would like them to get serious about, the harassment of tourists on the island.*

How does this affect you directly? *that can affect a lot on the island also, so I would like them to do something about that.*

In what way could it be better?

Do you have any other major concerns? Name Them: _____

TRENDS and PLANS for INCOME IMPROVEMENT

15. Would you say that now you are better or worse off economically than you were in 1995?

better off worse of about the same

Why?... *Well everything cut down, the kind of people we used to have, and the kind of diving we used to do we not getting it now.*

16. Is there some plan you are working on for a new source of income, or for improving your current income? Yes No

If yes, please explain: .. *My plans really were having a bigger boat two new engines on it and having what you call Robinson Crusoe Day, that I would do that every Wednesday and Friday, taking people around the island like to Pirates Bay, Englishman's Bay and I would have the food and everything and the people have a nice time and just charge a price..*

What is preventing you from implementing this plan now? *I don't want to take the chance with that not with how things are going, not right now.*

RELATIONSHIP TO THE ENVIRONMENT

17. List the natural resources (land, water and sea) you depend on for your livelihoods and well-being? Describe the ways in which you are dependent (and whether subsistence or commercial based):

Natural Resource	How are you dependent on this resource? Subsistence or Commercial
<i>Sea</i>	<i>For diving and for fish for the restaurant, commercial.</i>
<i>Land</i>	<i>For the restaurant, because they do not own it, commercial</i>

18. Has there been any change in the natural environment in the last 5 years? **(explain natural environment)**

Really I have not seen any changes you know.

19. How have you been affected by any natural environmental changes?

Well not really.

20. How do you think you affect the natural environment?

What should I say? Well I don't think so.

21. Who or what do you think is influencing the changes in the environment?

22. To what extent are you affected by storms, hurricanes, flooding?

Well minor things, no real problem.

Social Relations

23. What part do you play in the livelihood of your family/household? What part do other family members play?

I am the daddy, I get the needs, I have to get all the needs. The girls sometimes when they come from school they may have it a little busy over there they help their mother, they have no time really because they go to school in Scarborough so when they come home it is already night. It is only on Saturdays they try to help with anything but other than that my wife have all the hard work.

24. What are the most important beneficial interactions with other livelihood groups? (**explain beneficial interactions with examples if necessary**)

I usually get people coming straight to me. I don't really have anybody who... If they have divers on the other side and they talk about going to Speyside for diving there are people who know me and they recommend me 'you should go to Red Man cause he is pretty safe he born and grow there and he knows the way around' other than that I have my divers coming down from Germany whatever.

Restaurant:

Well really there is a van that comes all the way from Scarborough every Friday, so that is where she buys her stuff from. She has a couple of people on the other side who know her and like hotels and guest houses from the other side they might come to Speyside travel, eat in the restaurant and they probably go back and talk about the food and once they talk about the food guests would come to the restaurant.

25. What is the most negative relationship (such as conflict) that you have with other livelihood groups?

No.

26. Are you part of any group in the community which seeks to improve your livelihood?

No.

INSTITUTIONAL SUPPORT

27. What are key laws/regulations relating to your livelihood and how are they implemented/enforced (by who and what). List:

LAWS/REGULATIONS	IMPLEMENTED	ENFORCED	HOW EFFECTIVE
<i>The toilets they don't want any outlets like any over flow which is going into the sea.</i>	<i>Health Department</i>	<i>No.</i>	<i>Not very, 'it is happening around you see over flows here going into the sea.'</i>
<i>Other minor things that you must have, like you supposed to keep the place clean.</i>	<i>Health Inspectors</i>	<i>Yes.</i>	<i>Yes cause if they come and see something not being done properly they direct you to do it. If there is something there that not supposed to be there you have to remove it. Which is nice.</i>

28. Have you been involved in any kind of government decision-making regarding your livelihood?

No.

29. How do you feel you have an opportunity in making a change?

Well I don't know, what sort of regulations and what they have to do this year and that sort of thing so I can't say anything.

30. What training or services is available to you now, if you wanted it, to assist with your current livelihood?

Restaurant:

Well no one don't really come around but I think they have places, they have certain times when they have meetings and so on where they invite you if you want to learn this or want to learn that, some of we take part some of we don't.

Dive Shop:

Well with the diving any training and stuff like that we really do it on our own. You don't have your license here you have your training here but you have an organisation called PADI that is where you get your license.

31. What organizations or groups have you been working with recently to improve your livelihood and/or well being?

associations [], co-operatives [], church groups [], NGOs [], community support systems [], other [], please

name.....

None.

32. Rate these groups in terms of how useful they have been to you in getting improvement to your livelihood or well-being? How where they useful?

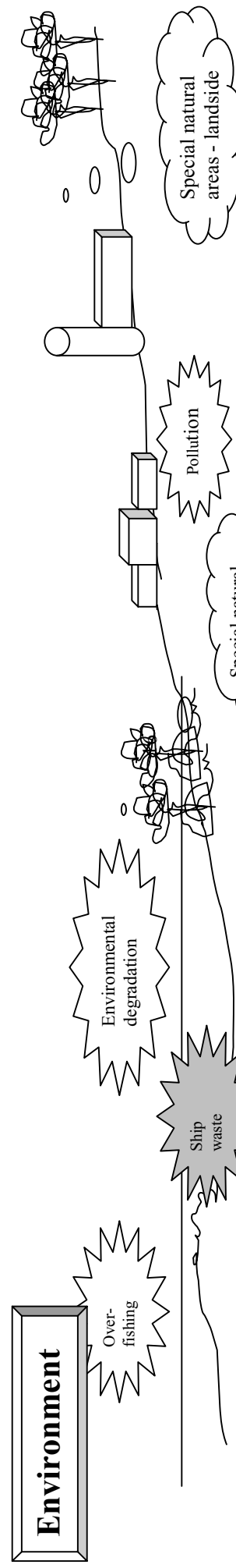
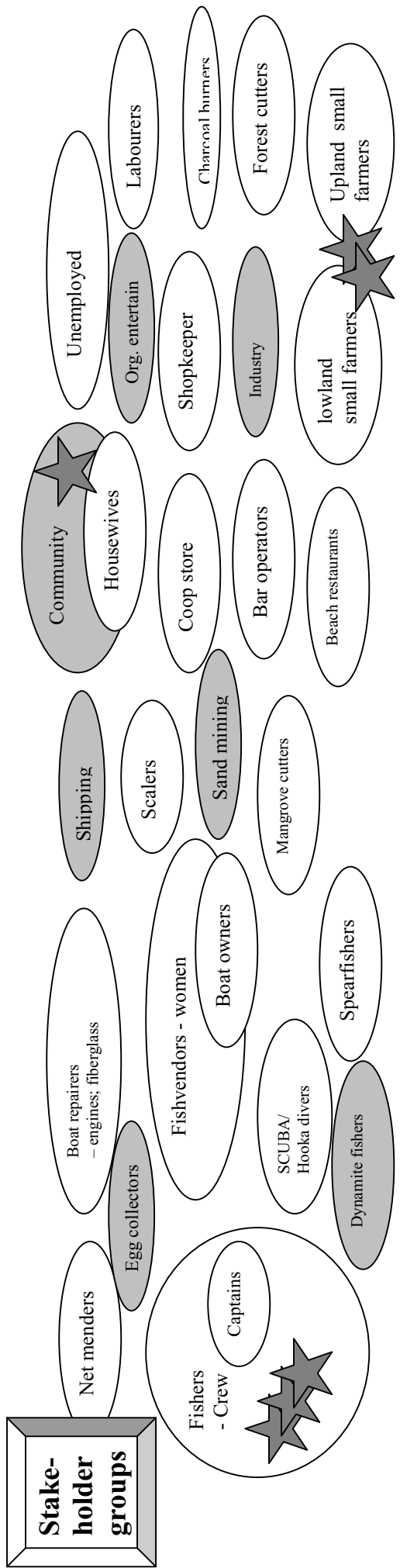
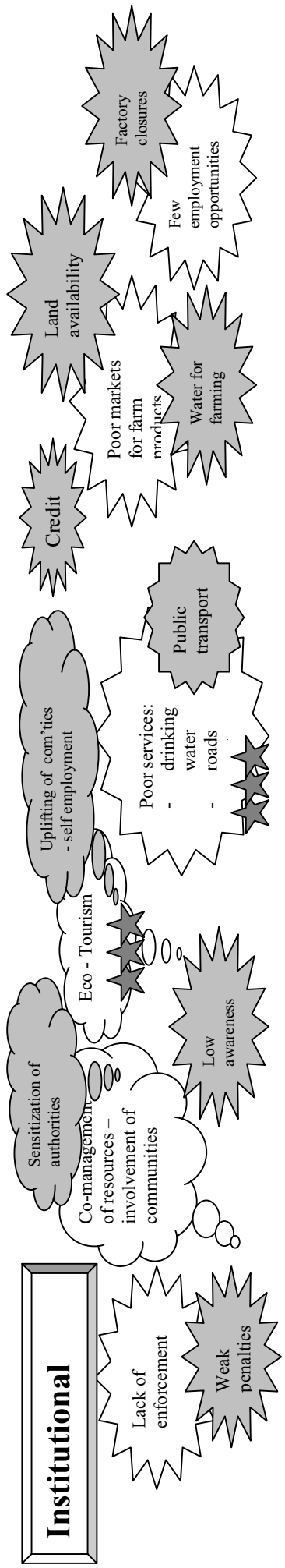
Group	Very Useful	Moderately Useful	Not Very Useful	Unhelpful	Explain How

End of survey and thank you very much for your time.

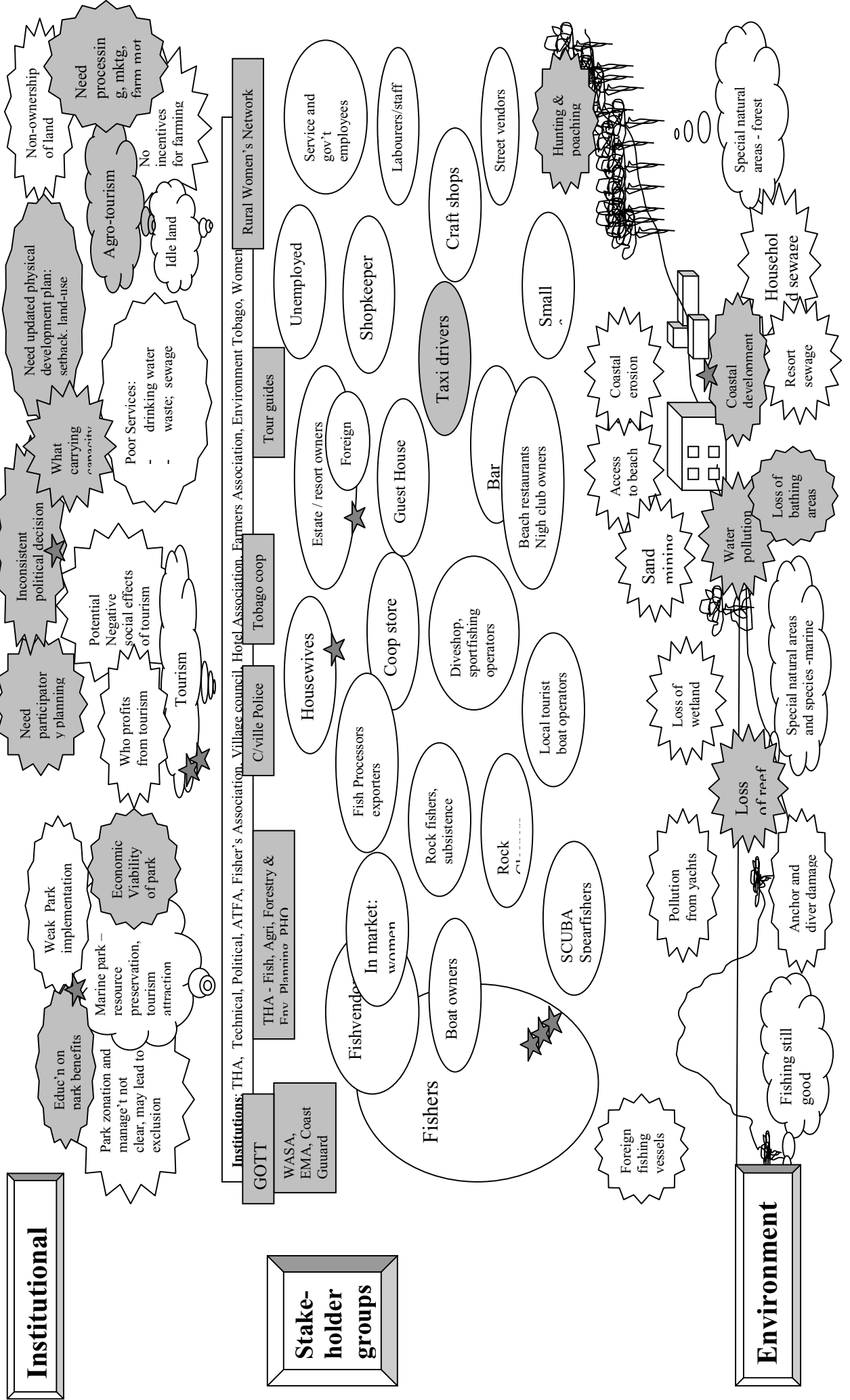
Appendix 2b: POSTERS TO FOR INITIAL COMMUNITY MEETINGS TO IDENTIFY STAKEHOLDERS AND ISSUES

Appendix 2b.1 Jamaica Stakeholders and issues (clouds = opportunities, big stars = constraints, bubbles/boxes = stakeholders, small dark stars = priorities)

bubbles/boxes = stakeholders, small dark stars = priorities



Appendix 2b.1 Tobago Stakeholders and issues (clouds = opportunities, big stars = constraints, bubbles/boxes = stakeholders, small dark stars = priorities)



Appendix 3.1 OCCUPATIONAL GROUPS

Occupational group - generic	Jamaica							Tobago						Grand Total
	Bushy Park	Cockpit	Hellshire	Old Harbour Bay	Portland Cottage	Jamaica Total	Bon Accord	Bon Accord - Canaan	Buccoo	Charlotte ville	Speyside	Tobago Total		
Fisher/Processor							1					1	1	
Fisher/Processor/Buyer									1			1	1	
fish processor Total						1	1	1	1			2	3	
Boat captain				1		1							1	
Boat captain/fisher													1	
Boat owner				1		1							1	
Boat owner/fisher				1		1							2	
crew - line fisher				1		1							1	
crew - net fisher				1		1							2	
crew - trap fisher				1		1							1	
Fisher							1					2	12	
fishing - boat owner							1						1	
Free Lung Diver				1		1							2	
Hooka Diver							1						1	
net fisher							1						1	
scuba diver				1		1							1	
trap fishing							1						1	
Fisher Total			7		2	17	2	2	3	4		11	28	
Boat Repairer						1							1	
Fish Pot Maker						1							1	

	Jamaica						Jamaica Total	Tobago					Tobago Total	Grand Total
	Bushy Park	Cockpit	Hellshire	Old Harbour Bay	Portland Cottage			Bon Accord	Bon Accord - Canaan	Buccoo	Charlotte ville	Speyside		
Occupational group														
- generic														
housewife		1					1							1
Housewife		1					1							1
Housewife Total														
Craft Shop owner											1			1
Shopkeeper														
Shopkeeper Total		1	1	1	2	1	6					2		8
fish vendor					1		1							1
Food Vendor					1		1							1
Street vendor											1			1
Textile vendor					1		1							1
vendor Total					3		3				1			4
transport taxi operator	1					1	2							2
Taxi operator (driver, not operator)					1		1							1
transport Total	1				1	1	3							3
Unemployed	1	1					2					1		3
Unemployed												1		1
unemployed Total	1	1					2				1		2	4
Teacher	1				1		2							2
Teacher Total	1				1		2							2

	Jamaica					Jamaica Total	Tobago				Tobago Total	Grand Total	
	Bushy Park	Cockpit	Hellshire	Old Harbour Bay	Portland Cottage		Bon Accord	Bon Accord - Canaan	Buccoo	Charlotte ville			Speyside
Occupational group													
- generic													
farmer	1					1							1
Farmer									1	1			4
small farmer	1					1							1
Coal burner		1				1							
farmer													
Total	2					2			1	1	1	1	6

	Jamaica					Jamaica Total	Tobago				Tobago Total	Grand Total	
	Bushy Park	Cockpit	Hellshire	Old Harbour Bay	Portland Cottage		Bon Accord	Bon Accord - Canaan	Buccoo	Charlotte ville			Speyside
Occupational group													
- generic													
Grand Total	8	4	10	21	6	49	9	1	3	7	14	34	83

Appendix 3.2: ADDITIONAL FIELD STUDY RESULTS TABLES

Appendix 3.2a . Length of stay

Country	Location	Length of stay			Grand Total
		Short (<5 yrs)	long	whole life	
Jamaica	Bushy Park (c)	4	2	2	8
	Cockpit	1		3	4
	Hellshire	1	5	4	10
	Old Harbour Bay	4	1	16	21
	Portland Cottage (f)			6	6
Jamaica Total		10	8	31	49
Tobago	Bon Accord (c)	3	4	3	10
	Buccoo		2	1	3
	Charlottesville (f)	1		6	7
	Speyside	1	3	10	14
Tobago Total		5	9	20	34
Grand Total		15	17	50	83

(c) Closest to urban access

(f) Furthest from urban access

Appendix 3.2b Dependency on natural resources - Jamaica

Occupational group - generic	Not dependent	Type of resource dependency										Grand Total
		marine - commercial	marine - indirect	marine - subsistence	water - commercial	water - HH	land - commercial	land - indirect	land - subsistence			
Fisher		17	(2)*									17(2)
fish processor		1										1
fisher - ancillary		2	2									4
Tourboat operator		1						(1)				1(1)
beach/bar	1		(1)					2			1	5(1)
Shopkeeper	2		2					2				6
Vendor	1	1						1				3
Transport	2		1									3
formal employment	1											1
Housewife									1		(1)	1(1)
Teacher	2											2
Unemployed	1								1			2
coal burner				(1)					(1)		1	1(2)
Farmer							1				1	2
Jamaica Total	10	22	5(3)	(1)	1	6(1)	4(1)	1(1)				49(7)

* seagrasses, corals and mangroves supporting fisheries

Appendix 3.2b Dependency on natural resources - Tobago

Occupational group - generic	Type of resource dependency											Grand Total	
	<i>not dependent</i>	marine - commercial	marine - indirect	marine - subsistence	water - commercial	water - HH	land - commercial	land - indirect	land - subsistence	land - commercial	land - indirect		land - subsistence
Fisher		9	(1)	2		(1)				(1)		(3)**	11(6)
fish processor		2			(1)								2(1)
Tourboat operator		(1)	3										3(1)
Accommodation - large			1(1)						1(1)				2(2)
Accommodation - small			(1)		(1)				1	1			2(2)
beach/bar		(2)	1(1)				2			(1)	1		4(4)
Shopkeeper	1	(1)							1				2(1)
Vendor									1				1
Unemployed farmer									1		1		2
Tobago Total	1	11(4)	5(4)	2	(4)	2(1)	2(1)	9(1)	1(2)	2(3)	4(2)	33(19)	
Grand Total	11	33(4)	10(7)	2(1)	1(4)	8(2)	13(2)	1(2)	3(4)	82(26)			

** garden plots providing vegetables for household and occasional selling

Appendix 3.2.c. Institutional - recognition of laws

Country	Jamaica		Jamaica Total	Tobago		Tobago Total	Grand Total
	None recognised	Relevant law/regulation law/regulation recognised		None recognised	Relevant law/regulation law/regulation recognised		
Occupational group - generic		Type of law/regulation		Type of law/regulation			
Fisher	4	13	17	3	8	11	28
		Fisheries regulations			Fisheries regulations and Licencing and standards		
fish processor	1		1			2	3
fisher - ancillary	3		3				3
Tourboat operator				1	2	3	3
					Licencing and standards		
Accommodation - large					2	2	2
					Licencing and standards		
Accommodation - small					2	2	2
					Licencing and standards		
beach/bar	5		5		4	4	9
Shopkeeper	5	1	6	2		2	8
Vendor	3		3		1	1	4
Transport		3	3				3
		Licencing and standards					
formal employment	1		1				1
Housewife	1		1				1
Teacher		2	2				2
		Licencing and standards					
Unemployed	1		1	1	1	2	4
coal burner	1		1				1
Farmer	1		1	1	3	4	5
					Environmental regulation		
Grand Total	26	19	45	8	25	33	79

Appendix 4: COVERAGE OF CARIBBEAN COUNTRIES BY OTHER SUMMARY DATABASES

Country/Territory	WCMC	Reef-base		Fish-base	IUCN
		National summary	Database		
Anguilla	Marine habitats, marine species, marine management, MPAs, maps of coral reef and mangrove, + references, island maps & marine habitats	UK Yes	Yes	Yes	Yes
Antigua and Barbuda	Marine habitats, marine species, marine management, MPAs, + maps of coral reef and mangrove	No	Yes	Yes	
Bahamas	As Antigua & Barbuda (A&B) + references	Yes	Yes	Yes	Yes
Barbados	As A&B + references & island maps	Yes	Yes	Yes	Yes
Belize	As A&B + references	Yes	Yes	Yes	Yes
British Virgin Islands	As A&B + maps of coral reef and mangrove and references	Yes	Yes	Yes	Yes
Cayman Islands	As BVI	Yes	Yes	Yes	Yes
Colombia	As Belize	Yes	Yes	Yes	Yes
Costa Rica	As Belize	Yes	Yes	Yes	Yes
Cuba	As Barbados	Yes	Yes	Yes	Yes
Dominica	As Cuba	No	Yes	Yes	Yes
Dominican Repub.	As Barbados	Yes	Yes	Yes	Yes
Grenada	As Barbados	No	Yes	Yes	Yes
Guadeloupe	Marine habitats, marine species, marine management, MPAs	No	Yes - French West Indies	Yes	Yes
Guatemala	NO	No	Yes	Yes	No
Guyana	Marine habitats, marine species, marine management	No	Yes	Yes	No
Haiti	As Barbados except no MPAs	No	Yes	Yes	Yes
Honduras	As Belize	Yes	Yes	Yes	Yes

Country/Territory	WCMC	Reef-base		Fish-base	IUCN
		National summary	Database		
Jamaica	As Barbados	Yes	Yes	Yes	Yes
Marie Galante	See Guadeloupe	No	Yes - French West Indies	Yes	See Guadeloupe
Martinique	As Belize	No	Yes - French West Indies	Yes	Yes
Mexico	As Belize	Yes	Yes	Yes	Yes
Montserrat	As Belize	No	Yes	Yes	Yes - with St Kitts&Nevis
Netherlands Antilles	ARUBA – as Barbados BONAIRE & CURACAO – as Barbados	Yes	Yes	Yes	Yes
Nicaragua	As Belize	Yes	Yes	Yes	Yes
Panama	As Belize	No	Yes	Yes	Yes
Puerto Rico	MPAs, maps of coral reef and mangrove, References	Yes	Yes	Yes	Yes
Saba	See Netherlands Antilles	No	See Netherlands Antilles	Yes	See Neth. Antilles
St Barthelemy	NO	No	Yes	Yes	Yes (with St Martin)
St Eustatius	See Netherlands Antilles	No	See Netherlands Antilles	Yes	See Neth. Antilles
St Kitts and Nevis	As Barbados	No	Yes	Yes	Yes - with Montserrat
St Lucia	As Belize	No	Yes	Yes	Yes
St Maarten	NO	No	Yes	Yes	See Neth. Antilles & St Maartin
St Martin	NO	No	Yes	Yes	Yes (with St Barthelemy)
St Vincent and The Grenadines	As Barbados	Yes	Yes	Yes	Yes
Trinidad & Tobago	As Barbados	Yes	Yes	Yes	Yes
Turks and Caicos	As Belize	Yes	Yes	Yes	Yes
US Virgin Islands	As Barbados	Yes	Yes	Yes	Yes
Venezuela	As Belize	Yes	Yes	Yes	Yes

Appendix 5:

USEFUL WEB SITES

AGGRA RAP	http://coral.aoml.noaa.gov/agra/field-reports.html -
ALLIANCE OF SMALL ISLAND STATES	http://www.aosis.org/
Association of Caribbean States	http://www.acs-aec.org/
CANARI	No web site but this reference: http://www.coral.org/NGO/CANARI.html
CARICOM FISHERIES UNIT	http://www.caricom-fisheries.com/
CEPNET	http://www.cep.unep.org/programmes/cepnet/cepnet.html
CPACC	http://www.cpacc.org/
CSI UNESCO)	
DOMINICA FISHERIES	http://caricom-fisheries.com/dominica-fisheries/
Environment and development in coastal regions and in small islands	http://www.unesco.org/csi/index.htm
ENVIRONMENT TOBAGO	http://194.163.98.38/et/et2.nsf/
FISHBASE	http://www.fishbase.org/search.cfm
GEODOK Website	http://www.geodok.uni-erlangen.de/cgi-bin/geodok/_geodok.pl?s1=Caribbean
INSTITUTE OF MARINE AFFAIRS	http://www.ima.gov.tt/
Integrated Coastal Management Web site	http://www.coastalmanagement.com/
ISLAND GATEWAY	http://www.geic.or.jp/Islands/sustainable.html
ISLAND RESOURCES FOUNDATION	http://www.irf.org/
IUCN	http://www.uicnhumedales.org/english/documentation.htm
Natural Resources Conservation Authority , Jamaica (NRCA)	http://www.nrca.org/
OECS NRMU	http://oecsnrmu.org/
PORTLAND BIGHT	http://www.portlandbight.com.jm/
REEF	http://www.reef.org/data/twa/geog.htm -
REEFBASE	http://www.reefbase.org/
REEFCHECK	http://www.reefcheck.org/
SIDSNET	http://www.sidsnet.org/
Soufriere Marine Management Area	http://www.smma.org.lc/
USAID (Jamaica) -	http://www.info.usaid.gov/pubs/cp97/countries/jm.htm
World Conservation Monitoring centre	http://www.wcmc.org.uk/
ECLAC/UNEP/IDRC/UNDP SIDS-PROJECTS - Capacity Building	http://community.wow.net/eclac/SIDSDATA/Capsids.htm

Appendix 6:

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