



BEMAMCCOR Members' Manual

Manual para Socios

Sharon Murray

2001

Citation: Murray,S. 2001. BEMAMCCOR Members' Manual. USAID Water Team, Washington,D.C. 23pp.

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This five year project aims to conserve critical coastal resources in Mexico by building capacity of NGOs, Universities, communities and other key public and private stakeholders to promote an integrated approach to participatory coastal management and enhanced decision-making. This publication was made possible through support provided by the U.S. Agency for International Development's Office of Environment and Natural Resources Bureau for Economic Growth, Agriculture and Trade under the terms of Cooperative Agreement No. PCE-A-00-95-0030-05.





BELIZE-MEXICO ALLIANCE FOR THE MANAGEMENT OF COMMON COASTAL RESOURCES

MEMBERS' MANUAL
BEMAMCCOR
MANUAL PARA SOCIOS

December 2000

ALIANZA MEXICANO-BELICE PARA EL MANEJO DE LOS RECURSOS COSTEROS COMPARTIDOS



MEMBERS' MANUAL

BEMAMCCOR

This guide was assembled from information provided by the current and prospective members of the BEMAMCCOR Alliance during the summer and fall of 2000. In addition to presenting detailed contact information and a full list of current activities for each organization, the document contains summary facts and analysis about BEMAMCCOR as a whole. Assessments of current member capabilities and future aspirations for the coalition are included to serve as a basis for Alliance planning and action.

The content is dynamic, providing no more than a snapshot in time of the state of BEMAMCCOR, and will need to be updated frequently. We hope you will use the information to know each other better and to stimulate ideas for productive collaboration in benefit of the coastal environment.

December 2000

CONTACT INFORMATION

ORGANIZACIÓN / ORGANIZATION	PERSONA DE CONTACTO / CONTACT PERSON	DIRECCIÓN / ADDRESS	CIUDAD / CITY	PAÍS / COUNTRY	TELÉFONO/ TELEPHONE	FAX	CORREO ELECTRÓNICO / E-MAIL	PÁGINA DE WEB URL / WEB PAGE
Amigos del Manatí A.C.	Profesor Roque Osorio Ac. Presidente	Chapultepec No. 272 altos, colonia centro. C.P. 77000	Chetumal, Quintana Roo	México	-----	(98) 3 21251	amacmex@netscape.net amac_mx@educat.org	http://www.planetaecologico.com/Extincion/amac-manati/index.html
Amigos de Sian Ka'an A.C.	Carlos López Santos Coordinador de Proyectos	Crepusculo No. 18 Esquina amanecer SM. 44 Mza. 13 Fraccionamiento Alborada	Cancún, Quintana Roo	México	(98) 48 16 18 (98) 48 15 93	(98) 48 16 18	sian@cancun.com.mx	
Bacalar Chico Reserve	Victor Alegría	P.O. Box 60	San Pedro, Ambergris Caye	Belize	(501) 14 7308???		bchico@btl.net	For information: ambergriscaye.com/pages/own/bacalar.html
Reserva de Banco Chinchorro	Tom Camarena L.	Km. 4.8 Boulevard Kukulkán, Zona Hotelera C.P. 77500	Cancún	México	(98) 8 32600	(98) 8 31991		chinchor@gro1.telmex.net.mx
Belize Audubon Society	Osmany Salas, Executive Director	12 Fort Street P.O. Box 1001	Belize City	Belize	(501) 2-35004	(501) 2-34985	base@btl.net	www.belizeaudubon.org
Belize Institute of Environmental Law and Policy (BELPO)	Godsman Ellis, Executive President	19 Buena Vista Street	San Ignacio	Belize	(501) 9 23264 / 9 22032	(501) 9 22685	belpo@btl.net	
Caye Caulker Marine Reserve	Arlenie A. Perez, Biologist	Front Street	Caye Caulker	Belize	(501) 22-2120	(501) 22-2043 (c/o Village Council)	arlenieperez@belize mail.net	For information: www.gocayecaulker.com/marine.html
Coastal Zone Management Authority and Institute	Janet Gibson, Director, CZM Institute	8 St. Mark Street P.O. Box 1884	Belize City	Belize	(501) 2 35739	501-2-35738	czmbze@btl.net	www.coastalzonebelize.org
Colegio de Biólogos de Sistema Tecnológico A.C. (COBIOTEC)	María Luisa Villarreal Sonora, Secretaria General	Ave. Belice 325 Col. Adolfo López Mateos C.O. 77010	Chetumal, Quintana Roo	México	(98) 3 236 22	(98) 3 236 22	cobiotec@mpsnet.com.mx	

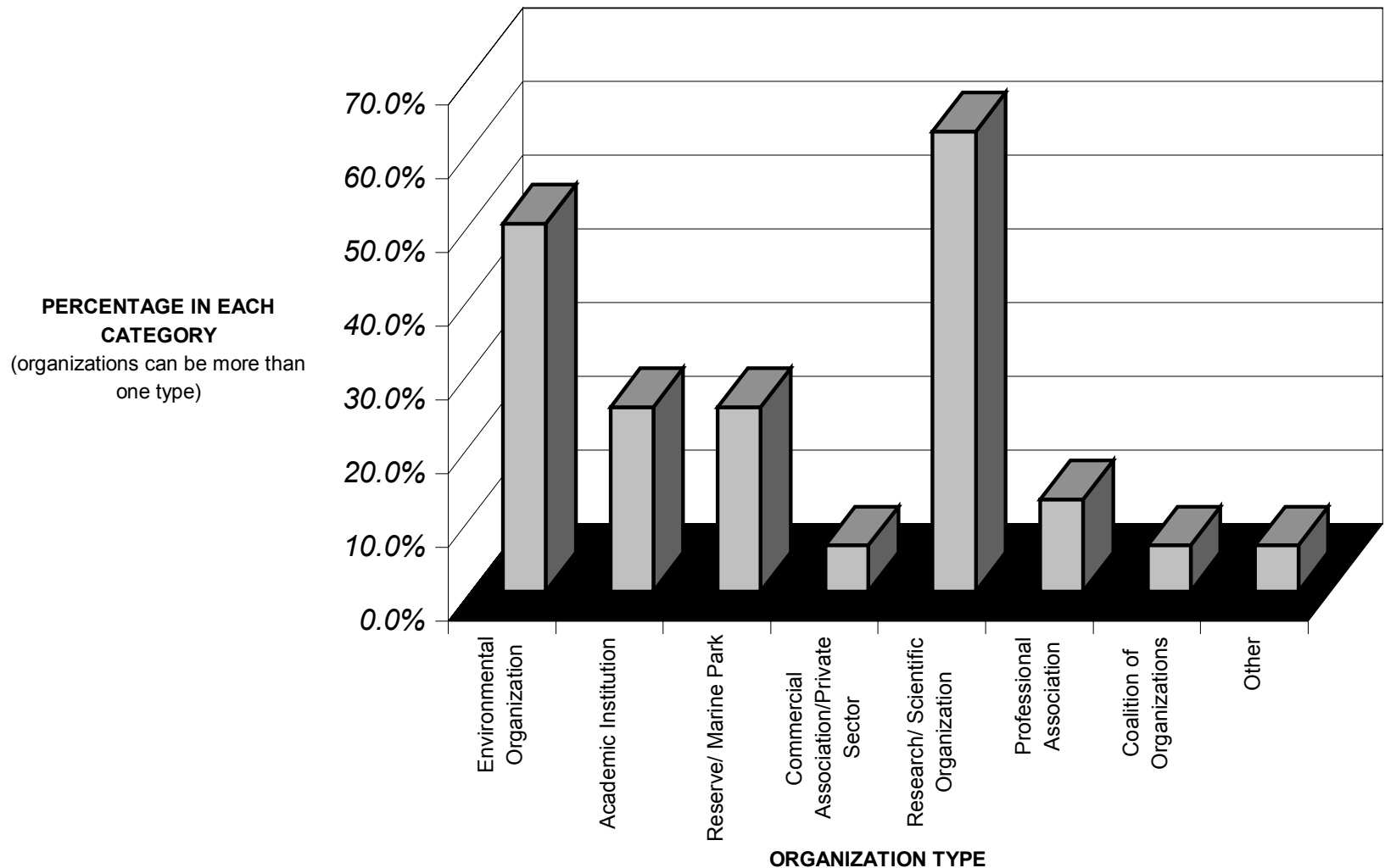
CONTACTS (continued)

ORGANIZACIÓN / ORGANIZATION	PERSONA DE CONTACTO / CONTACT PERSON	DIRECCIÓN / ADDRESS	CIUDAD / CITY	PAÍS / COUNTRY	TELÉFONO/ TELEPHONE	FAX	CORREO ELECTRÓNICO / E-MAIL	PÁGINA DE WEB URL / WEB PAGE
El Colegio de la Frontera Sur (ECOSUR)	Silvia Navarro Responsable del Departamento de Vinculación	Carr. Chetumal – Bacalar Km. 2, Zona Industrial No. 2	Chetumal, Quintana Roo	México	(98) 3 216 66 (98) 3 200 76 (Ext. 240)	(98) 3 204 47	snavarro@ecosur-qroo.mx	http://www.ecosur-qroo.mx
Forest and Marine Reserves Association of Caye Caulker (FAMRACC)	Carlos Requene, Acting President Judy Lumb, Secretary	c/o P.O. Box 6	Caye Caulker	Belize	(501) 22 2272 (Carlos) (501) 22 2197 (Judy)		judyLumb@btl.net	
Green Reef	Mito Paz, CEO	100 Coconut Drive P.O. Box 91	San Pedro, Ambergris Caye	Belize	(501) 26 3739 (501) 26 2838	(501) 26 2766	greenreef@btl.net	www.ambergris caye.com/greenreef
Hol Chan Marine Reserve	Miguel Alamilla		San Pedro, Ambergris Caye	Belize	(501) 26-2247	(501) 26-2420	Hcmr@btl.net	www.ambergris caye.com/holchan/index.html
San Pedro Tourist Guide Association	Roberto Bayley		San Pedro, Ambergris Caye	Belize	(501) 26 2392	(501) 26 3636	tourguides@btl.net	
University of Belize, Institute of Marine Sciences	Eden R. Garcia	College Street, West Landivar P.O. Box 990	Belize City	Belize	(501) 2 32732 ext. 148	(501) 2 30255	egarcia@ucb.edu.bz	
Universidad de Quintana Roo (UQROO)	Eduardo Galicia, Carmen Pedroza	Blvd. Bahía Esq. Ignacio Comonfort	Chetumal, Quintana Roo	México	(983) 50346	(983) 29656	egalicia@balam.cuc.uqroo.mx	http://www.uqroo.mx/uqroo/principal.htm http://www.uqroo.mx/uqroo/carreras/tur_alt.htm

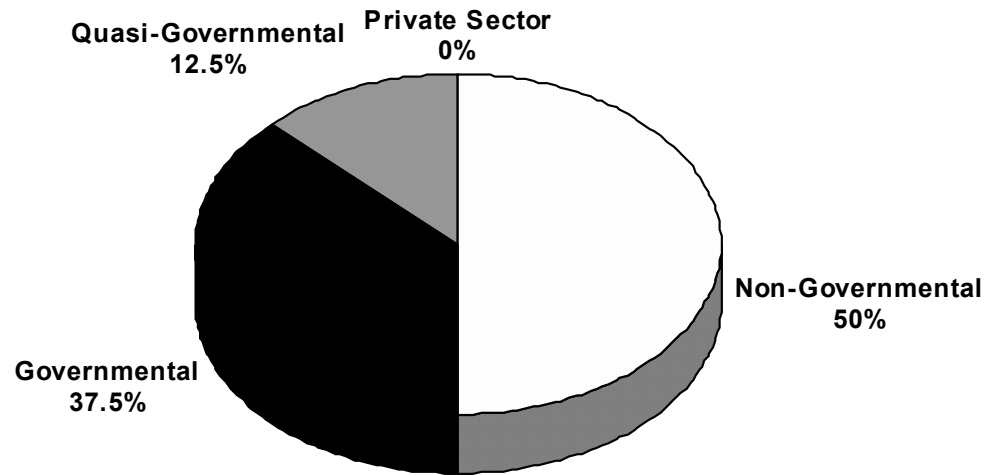
CHARACTERISTICS OF BEMAMCCOR

(NOTE: All information based on a survey of 16 organizations: Amigos del Manatí A.C., Amigos del Manatí A.C. Bacalar Chico Reserve, Reserva de Banco Chinchorro, Belize Institute of Environmental Law and Policy (BELPO), Caye Caulker Marine Reserve, Coastal Zone Management Authority and Institute, Colegio de Biólogos de Sistema Tecnológico A.C. (COBIOTEC), El Colegio de la Frontera Sur (ECOSUR), Forest and Marine Reserves Association of Caye Caulker (FAMRACC), Green Reef, Hol Chan Marine Reserve, San Pedro Tourist Guide Association, University of Belize, Universidad de Quintana Roo (UQROO). All percentages represent the proportion of organizations who responded.

CHARACTERIZATION OF MEMBER INSTITUTIONS



ORGANIZATIONAL AFFILIATION

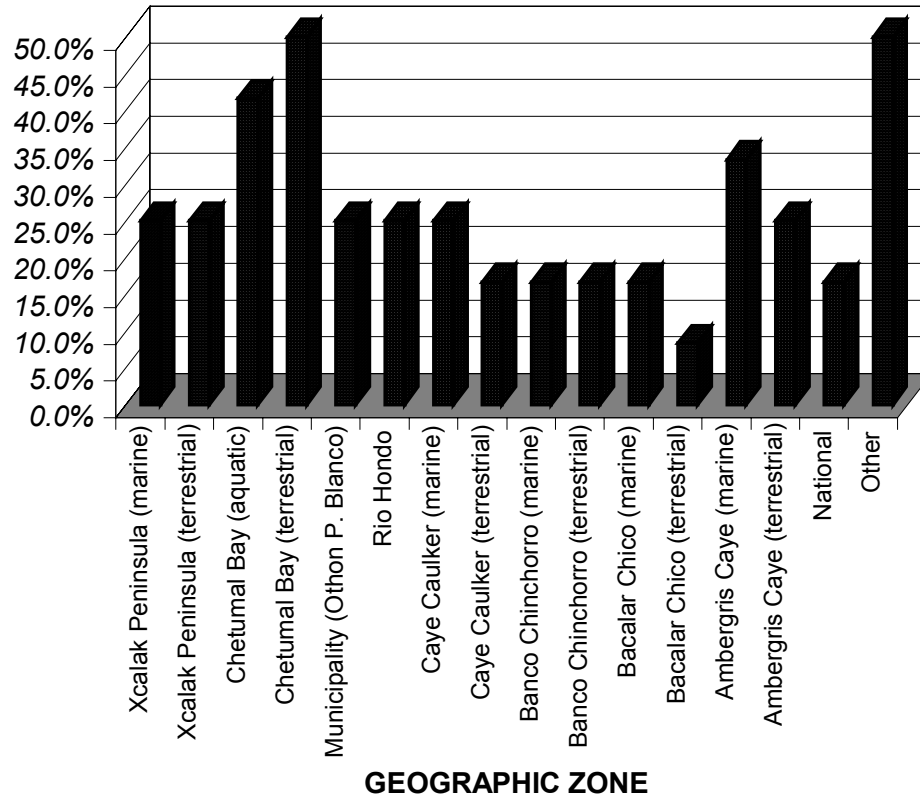


FAST FACTS ON BEMAMCCOR

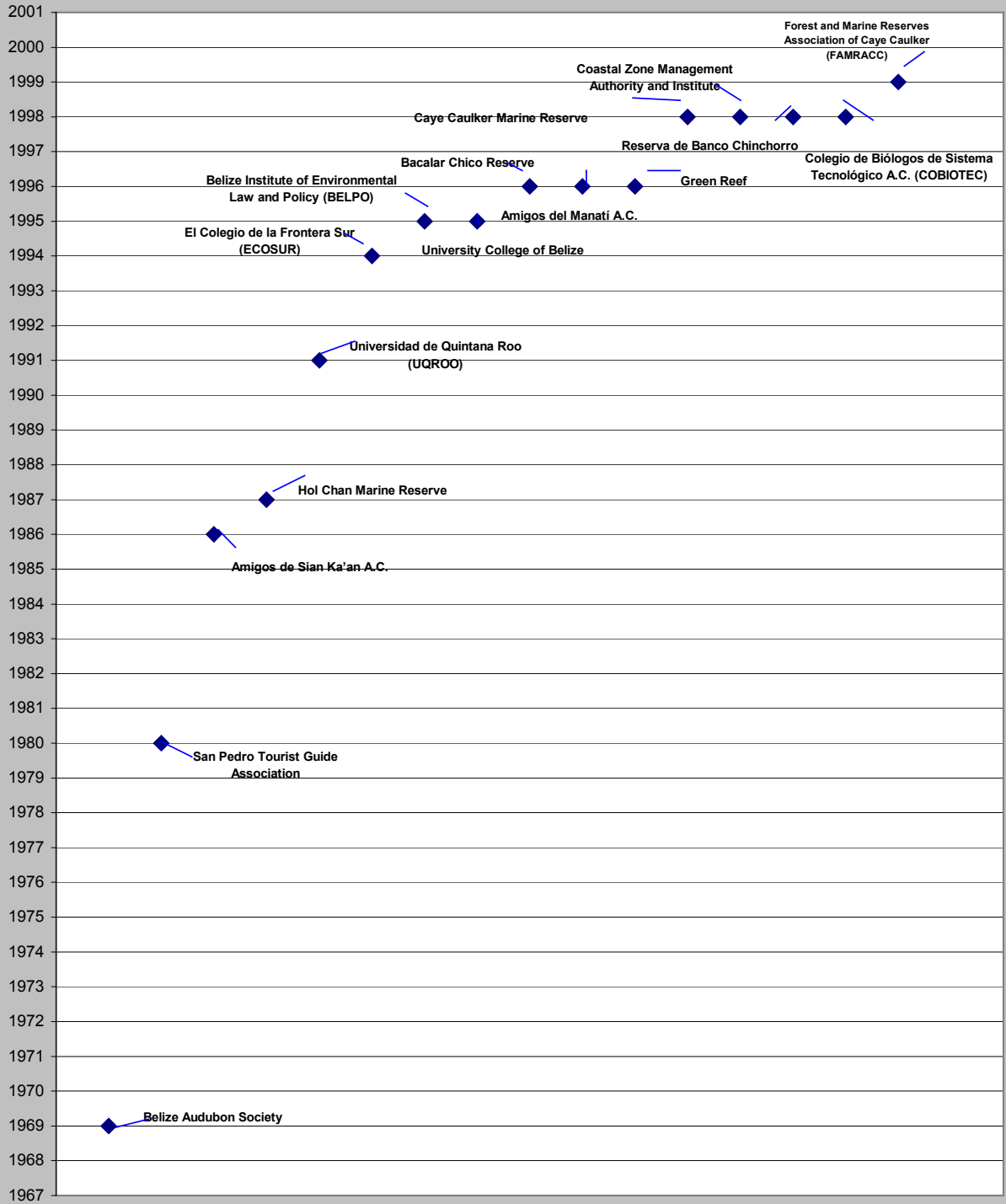
- Total Budget > \$USD 5.1 Million
- 6 membership organizations
- 7 organizations with active volunteers
- 12 organizations with paid staff

GEOGRAPHIC SCOPE OF INTEREST OF MEMBER INSTITUTIONS

**PERCENTAGE
WORKING IN EACH
AREA**
(organizations can work in
more than one zone)



ORGANIZATION FOUNDING DATES




**INSTITUTIONAL SELF-ASSESSMENT: CURRENT TECHNICAL CAPACITY
 AUTO-ASESORAMIENTO INSTITUCIONAL: CAPACIDAD TECNICA ACTUAL**


= high / alto
 = medium / medio
 = low / bajo
 = no experience / sin experiencia


ORGANIZATION / ORGANIZACION	Information Management - GIS / Manejo de Informacion - SIG	Biophysical Research - Investigacion Biofisica	Socioeconomic Research - Investigacion Socioeconomica	Community Organization - Organizacion Comunitaria	Legal - Judicial Reform / Reformas Legales y Judiciales	Environmental Policy / Politica Medioambiental	Land Use Management / Manejo de Uso de Suelo	Reserve - Park Management / Manejo de Reservas - Parques	Environmental Education / Educacion Medioambiental	Training - Extension / Capacitacion - Extension	Advocacy / Cabildeo	Tourism - Ecotourism Turismo - Ecoturismo	Fishing - Aquaculture / Pesqueria - Acuicultura	Waste Management - Contamination / Manejo de Desechos - Contaminacion	Environmental Monitoring - Monitoreo Medioambiental	Reef Management / Manejo de Arrecifes	Other / Otro
Amigos del Manati	Medium	High	High	Medium	None	Low	High	High	High	None	Low	None	None	None	None	Low	None
Amigos de Sian Ka'an	High	High	High	High	Medium	High	High	High	High	High	High	High	High	High	High	High	None
BELPO	Low	Low	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Caye Caulker	Low	Low	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Coastal Zone	High	High	Low	Low	None	None	None	None	None	None	None	None	None	None	None	None	None
COBIOTEC	High	High	High	High	None	None	None	None	None	None	None	None	None	None	None	None	None
ECOSUR	High	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Green Reef	High	High	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
UQROO	High	High	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Belize Audubon Society	High	Low	Low	None	None	None	None	None	None	None	None	None	None	None	None	None	None
FAMRACC	High	None	Low	None	None	None	None	None	None	None	None	None	None	None	None	None	None
University College of Belize	Low	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None

NOTE: Organizations not yet responding: San Pedro Tourist Guide Association; Reserva Biosfera Banco Chinchorro; Hol Chan Reserve; Bacalar Chico Reserve

**INSTITUTIONAL SELF-ASSESSMENT: CURRENT ORGANIZATIONAL CAPACITY
 AUTO-ASESORAMIENTO INSTITUCIONAL: CAPACIDAD ORGANIZACIONAL ACTUAL**

 = high capacity

 = medium capacity

 = low capacity

ORGANIZATION / ORGANIZACION	Strategic Planning / Planificación Estratégica	Project Design / Diseño de Proyectos	Budget Preparation / Preparación de Pre-supuestos	Financial Management / Gestión Financiera	Board Capacity / Capacidad de la Directiva	Personnel Management / Gestión de Personal	Personnel Training / Capacitación de Personal	Resource Mobilization - Fund-Raising / Recursos - Levantamiento de Fondos	Communications - Public Relations / Comunicaciones - Relaciones Públicas	Technical Capacity / Capacidad Técnica	Information Management / Computer Technology
Amigos del Manatí	Medium	High	Low	Low	Medium	Medium	Medium	Low	Medium	High	High
Amigos de Sian Ka'an	Medium	High	Low	Low	High	High	High	High	High	High	High
BELPO	Medium	Low	Medium	Medium	Medium	Medium	Low	Low	High	Medium	Medium
Caye Caulker	Medium	Medium	High	High	High	High	High	High	High	High	High
Coastal Zone	Medium	High	High	High	High	High	High	High	High	High	High
COBIOTEC	High	High	High	High	High	High	High	High	High	High	High
ECOSUR	High	High	Medium	Medium	High	High	High	High	High	High	High
Green Reef	Medium	High	High	High	High	High	High	High	High	High	High
UQROO	Medium	Medium	Medium	Medium	High	High	High	High	High	High	High
Belize Audubon Society	Medium	High	High	High	High	High	High	High	High	High	High
FAMRACC	Medium	Medium	Medium	Medium	Low	Medium	Low	Low	Low	Low	Low
University College of Belize	Medium	Medium	High	High	Low	Medium	Low	Low	Low	Low	Low

NOTE: Organizations not yet responding: San Pedro Tourist Guide Association; Reserva Biosfera Banco Chinchorro; Hol Chan Reserve; Bacalar Chico Reserve

• DIRECTORY OF CURRENT ACTIVITIES •

AMIGOS DEL MANATI

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Institutional Strengthening Program	City of Chetumal	Strategic planning, financial management	Equipment and operational and administrative expenses of the association	2001	3 years	\$US 10,000.00
Integrated Program of Environmental Education and Community Development	Rural community of Huay Pix in the ejido Sub Teniente López, Quintana Roo	Environmental education, environmental health, community development	An attempt to integrate and coordinate diverse government entities at three levels, as well as academic and educational institutions in an environmental education and community development macro-project	2000	3 years	\$US 35,000.00
Formal Environmental Education Program in Coordination with the Secretary of Education and Culture	Rural zones in the Manatee Sanctuary and influence zones	School environmental education	Carry out environmental education activities within the formal teaching system of the Education and Culture Secretariat en preschool and primary schools in rural areas	2000	1 year	\$US 15,000.00
Signing program of the Manatee Sanctuary in Coordination with the Secretary of Infrastructure, Environment and Fisheries	Zone subject to Ecological Conservation, Manatee Sanctuary, Chetumal Bay	Implementation of the signing of the Protected Natural Area	Coordinate actions with SIMAP for the implementation of signing in the Manatee Sanctuary	1999	2 years	\$US 1,500.00
Youth Clubs Project	City of Chetumal, rural zones in the area of influence of the Sanctuary	Training, organization	Train and organize a groups of youth in the city of Chetumal and rural communities with the objective of supporting joint actions of environmental health promotion	2000	5 years	\$US 2,000.00
Youth Drawing Contest – “The Manatee and The Water” Project, in coordination with the National Commission on Water	Municipality of Othón P. Blanco	Environmental education	Motivate children and parents for the protection of water and the environment in which they live	2000	5 years	\$US 1,000.00
Erosion Monitoring Project, on the coastline of Bahia Boulevard	Boulevard Bahía en la Ciudad de Chetumal	Environmental monitoring, GIS	Comparison and periodic analysis of the erosion of the coastline	2000	5 years	\$US 1,500.00

AMIGOS DEL MANATI (continued)

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Conspicuous Benthic Organisms in the coastline of the Costa Maya Project	Costa Maya (Punta Hererro to Xcalak)	Scientific research, environmental monitoring,	Monitoring and comparative analysis of the conspicuous benthic organisms in the reef lagoons of the Costa Maya	2001	2 years	\$US 35,000.00
Ecological Characterization of the Guerrero Laguna System	Guerrero Lagoon System located in the western part of the Manatee Sanctuary	Scientific research, ecological characterization, environmental monitoring, GIS	Ecologically characterize the system and carry out comparative analysis of the change in land use over the long-term	2001	Short-term: 2 years Long-term: 10 years	\$US 15,000.00
Chetumal Bay Environmental Monitoring Program	Chetumal Bay and tributaries (Mexico and Belize)	Environmental monitoring, GIS	Monitor physical, chemical, bacteriological parameters and contaminants in the bay, coordinating with institutions in Mexico and Belize	2001	Short-term: 3 years. Long-term: 10 years	\$US 30,000.00
Mark and Recapture program for Sea Turtles in the Xcalak National Coral Reef Park	Xcalak National Coral Reef Park	Environmental monitoring, scientific research	Become familiar with the life of sea turtle in different stages of development, including the age at which they reach sexual maturity, the capacity of turtles to return and nest to a particular beach, determine foraging areas, migration, etc.	2001	10 years	\$US 15,000.00
Tours of Environmental Interpretation in the Aquatic Ecosystems of the Manatee Sanctuary	Guerrero Lagoon System and Chetumal Bay	Education and environmental interpretation, training	Tours directed by specialized personnel, with the objective of training tourist guides in the environmental interpretation of ecosystems, as well as students and people interested in conservation of the aquatic ecosystems of the Sanctuary	2001	5 years	\$US 7,500.00

AMIGOS DE SIAN KA'AN

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Management of Coastal Resources	Xcalak and southern Quintana Roo State	Management, planning, education and advocacy	Work with the communities of Majahual and Xcalak to involve them in decision-making related to coastal resources. A "Normas Prácticas" Manual has been produced for the development of the coastal zone.	1995	5 years	\$US 70,000
Coral Reefs	The entire reef zone of Quintana Roo	Characterization and Monitoring	Description of 90% of the coral reef system in Quintana Roo, and establishment of monitoring sites.	1990	10 years	\$US 50,000
Land Resources	Cooperation Zone of the Sian Ka'an Biosphere Reserve	Community Development and Management of Land Resources	Work with Mayan communities within the reserve and in the cooperation zone for the management of area natural resources.	1994	6 years	\$US 40,000
Environmental Policy	Yucatán Peninsula	Ecological Ordinances, Protected Natural Areas, etc.	Participation in different Ecological Land Use Ordinances that have been developed in the State, and proposal of various Natural Protected Areas in the Ordinance	1996	4 years	\$US 50,000
Bird Conservation in the Yucutan Peninsula	Yucatán Peninsula	Species identification, community work, and wetland conservation	Work with local guides in different natural areas of the Peninsula, in order to train them in bird watching and above all in protection of green space for observation of these species.	2000	inicio	\$US 30,000
Parks in Peril	Sian Ka'an Biosphere Reserve	Consolidation of the Protected Natural Area.	Work on the consolidation of Sian Ka'an Reserve in many respects: legal, infrastructure, monitoring program and reserve self-sufficiency.	1996	5 years	\$US 50,000
Geographic Information System	Yucatán Peninsula	Development of a cartographic data base for the peninsula	Development of a GIS as an important tool for all project activities	1996	5 years	\$US 40,000

BELIZE AUDUBON SOCIETY

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Education for Sustainability Project	Crooked Tree, Belize District and Armenia, Cayo District	Education and advocacy	Advocacy skills training and community participation	1999	3 years	\$60,000
Co-management Project	Crooked Tree Wildlife Sanctuary, Belize District; and Cockscomb Basin Wildlife Sanctuary, Stann Creek District	Co-management planning	Training, community involvement, capacity building, economic ventures – to share protected area management responsibilities	2000	3 years	\$375,000
Conservation of Lighthouse Reef Atoll	Lighthouse Reef Atoll	Management planning and scientific research	Research and collection of baseline data – marine, corals, etc.; and stakeholder participation to develop and implement co-management plan for the Atoll	2000	3 years	\$150,000
Investing in Grassroots	Belize (national)	Advocacy	Expanding and refining BAS' advocacy program	1999	2 years	\$60,000
Formation of Local Advisory Committees	BAS protected areas	Education outreach	Purchase of audiovisual and other equipment to facilitate formation of protected area local advisory committees	2000	1 year	\$82,000
Standardization of Signs	BAS protected areas	Interpretation	Creation and installation of interpretive signs	2000	1 year	\$60,000

BELPO

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Database collection	Belize, Guatemala, Honduras	Management	Collecting and compiling legislation and regulations passed in Belize on Health and Environment	1999	10 months	\$7,135.00
NFWF	Belize, Guatemala, Honduras	Advocacy	Fisheries Regulation Harmonization in the Gulf of Honduras	2000	8 months	\$25,000.00
Aquaculture Policy	Belize	Advocacy	Assisting the Belize Government in developing an Aquaculture Policy	2000		Voluntary
Fisheries Legal Project	Mesoamerican Barrier Reef	Planning	Analyses of Fisheries Laws and Regulations in the MBRS	1999	8 months	\$1,700.00 for BELPO

COBIOTEC

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Integrated Forestry	Othon P. Blanco Municipality	Management, planning and research	Promote methods of integrated habitat management and medium-term recuperation of damaged tropical forest area – including restoration of biodiversity and the potential for sustainable production	1998	ongoing	45,000 pesos
Validation of Technologies and Methodologies of Community Development	Quintana Roo State	Management, planning, advocacy, community organization and training	Together with the State government, development of technological packages for sustainable natural resource management adapted to local conditions, and restoration projects for useful threatened species	1999	ongoing	200,000 pesos
Río Hondo	Othon P. Blanco Municipality and zone of influence in Belize	Management, planning, advocacy, community organization and training	Río Hondo is an extremely important system that supplies freshwater and sediment to the Bay ecosystems. Several communities depend on it, but nevertheless it is often underestimated. COBIOTEC and other institutions are working in a program with three elements: community actions, ongoing monitoring from the community (youth leaders) and information and dissemination (including sponsoring events)	1999	ongoing	200,000
Youth Leadership	Quintana Roo State	Planning, training, organization	Together with the Quintana Roo Youth Council, we help identify and shape young leaders in ecology and environment, advising and involving them in the creation of youth committees in the municipalities in the State	1999	ongoing	50,000 pesos
Human Resources Development	Quintana Roo State	Training, organization, advocacy	COBIOTEC accepts high school and college students to incorporate them in its programs as volunteers and grantees, in order that they gain experience and familiarize themselves with the issues	2000	ongoing	30,000 pesos
Creation of a Shared Laboratory to Generate a Regional GIS Data Base	Southeastern México-Belize	Planning, training, organization	We are proposing a training course for NGOs and researchers to initiate a shared-effort network to form a regional GIS data base that supports work in conservation, development of policies and environmental planning and conflict resolution	1999	ongoing	54,000 pesos

COBIOTEC (continued)

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Laboratory Project	Not determined					
Training Course COBIOTEC – SEMARNAP			COBIOTEC is supporting entities such as SEMARNAP in expanding proposals for the sustainable use of natural resources of the region, and in technically training communities and producers for the establishment of Conservation, Management and Sustainable Wildlife Use Units	2000	ongoing	Variable (just started this year, but the estimated budget is 50,000 pesos)
Permanent Courses and Consultancy	Regional (Southeastern México)	Training, planning, organization, technical assistance	We support three communities and one private initiative in the development of sustainable natural resource management plans, as well as citizens and members of other NGOs who approach us for assistance	1999	ongoing	Variable (some services are free, some are for a feww, but the budget in order to offer these services was about 125,000 pesos in 1999)

COASTAL ZONE

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Reef monitoring	National	Monitoring & analysis	Presently monitoring sites near Belize City; responsible for data processing for CPACC monitoring sites	1999	Ongoing for at least 4 more years	
Coastal water quality monitoring	National	Monitoring, analysis & reporting	Monitoring over 70 sampling sites nationally; supported by small lab. facility	1998	Ongoing for at least 4 more years	
Manatee research	National	Monitoring, planning and education	Involves aerial surveys, monitoring of strandings, caring for an orphan calf, education, and planning for manatee sanctuaries	1998	"	
Coastal planning	Caye Caulker presently, will then extend to other coastal regions	Planning and education	Preparation of development guidelines for the island of Caye Caulker	1998	"	
Marine protected areas	National	Planning and management	Support to MPAs, particularly those that comprise the World Heritage Site	1999	"	
Data management	National	Planning and management	Development of coastal resources database linked to a GIS	1998	"	
Public awareness and environmental education	National	Education, advocacy	Involves a range of activities, from printed material on MPAs, to TV spots, and a web site	1999	"	

CAYE CAULKER MARINE RESERVE

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Community Outreach and Awareness Program	Caye Caulker Village, Sarteneja Village, San Pedro Ambergris Caye	Education	Create community awareness through meetings with the user groups (and the Belizean Community as a whole) of the marine reserve targeting the tour guides and fishermen, getting their inputs, complaints, and concerns to improve reserve management.	2000	3 yrs	1,500 US
Buoyming Project	Caye Caulker Marine Reserve	Cleaning and hoping to install marker buoys	Cleaning mooring buoys and hoping to get funds to install marker buoys that will define the marine reserve zones and boundaries	2000	3 yrs	6,500 US
Research Facility Project	Caye Caulker Forest Reserve	Construction	Construct a research facility that will serve as the marine reserve staff headquarters.	2000	2 yr	18,000 US
Monitoring Program	Caye Caulker Marine Reserve	Education	Patrolling the Marine Reserve to stop illegal activities such as fishing for undersized conchs and lobster during open and closed seasons.	2000	yearly	2,000 US

FAMRACC

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Memorandum of Understanding	Forest Department Fisheries Department	Negotiation	Until our MOUs are signed other projects are on hold			
Strategic Planning		Planning	FAMRACC has a commitment for a planning grant from UNDP			
Construction of Management Plan		Planning	Our first task will be to develop a Management Plan			

ECOSUR

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Abundance of ??? jaibas Chetumal Bay	Chetumal	Management, planning	Evaluate fishery resources (Z, E) and the reproductive season	09/2000	2 years	\$ 280,000.00
Research and Conservation of the Manatee, México-Belize.	Quintana Roo–Belize	management	Spatial distribution, habitat use, displacement.	1992	ongoing	\$ 100,000.00
Evaluation of Fishery Resources	Xcalak	Planning, management	Evaluation of Fishery Resources (catch and release??)	2000	2 years	\$ 300,000.00
Fish, Ictoplankton and Parasiti Helminth in Chetumal Bay	Bahía de Chetumal	research	Distribution and abundance research.	1999	2 years	\$ 74,000.00
Zooplankton of Continental Waters	Rio Hondo	Research, management	Determine the type of zooplankton existing along the river-bay gradient	2000	2 years	\$ 70,000.00
Population Studies of Aquatic Birds	Cozumel, Sian Ka'an	Management, research	Follow-up/monitoring of various specious of aquatic bird	1993, 2000	ongoing	\$ 130,000.00
GIS Cartography	Banco Chinchorro	Planning, research	Creation of a GIS information base	2000	2 years	\$ 300,000.00
Integrated Management of Banco Chinchorro: geographic survey and geomorphological characterization of the reef	Banco Chinchorro	management	Develop a series of proposals to achieve integrated management of Banco Chinchorro through the generation of essential cartographic information, a GIS system; the evaluation of patterns of coral reef response to fishing impacts; the identification of disturbed, environmentally sensitive or highly biodiverse areas	02/2000	2 years	\$ 250.000.00

GREEN REEF

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Community-based Conservation Education	Caye Chapel/Ambergris Caye	Education	Summer camp for kids <15 yrs of age to learn about marine conservation	2000	Indefinite	\$ US 15,000
Wildlife Sanctuary	Ambergris Caye/Local	Planning & Management	Goal is to plan and implement a multiple use regime for an unprotected wetland/bird sanctuary on Ambergris Caye	2001	Indefinite	US \$25,000 - \$50,000
Placement of Reef Mooring Buoys	Barrier Reef/Ambergris Caye	Management	Replacement of 50 mooring buoys destroyed by Hurricane Mitch which are used by reef tour guides to tie boats	2000	2 months	US \$10,000
Coral Reef Monitoring	Barrier Reef/Ambergris Caye	Management	Monitoring of scope of Coral Bleaching on forereef of Ambergris Caye	2000	2 years	US \$25,000
Marine Pollution Assessment	Barrier Reef/Ambergris Caye	Management	Measurement of organic & chemical pollution in vicinity of San Pedro Island & Hol Chan Marine Reserve	Under Development		
Recovery Plan for Nassau Grouper	Belize Barrier Reef	Management	Advocacy & Monitoring program for protection of Nassau Grouper	2001	5 years	US \$ 250,000
Tour Guide Training	Ambergris Caye	Education	Training for San Pedro Tour Guides			
Marine Ecology Training Manual	Countrywide	Education	Development of Marine Ecology Training Manual for the Belize Tourism Board for Training Marine Tour Guides countrywide			

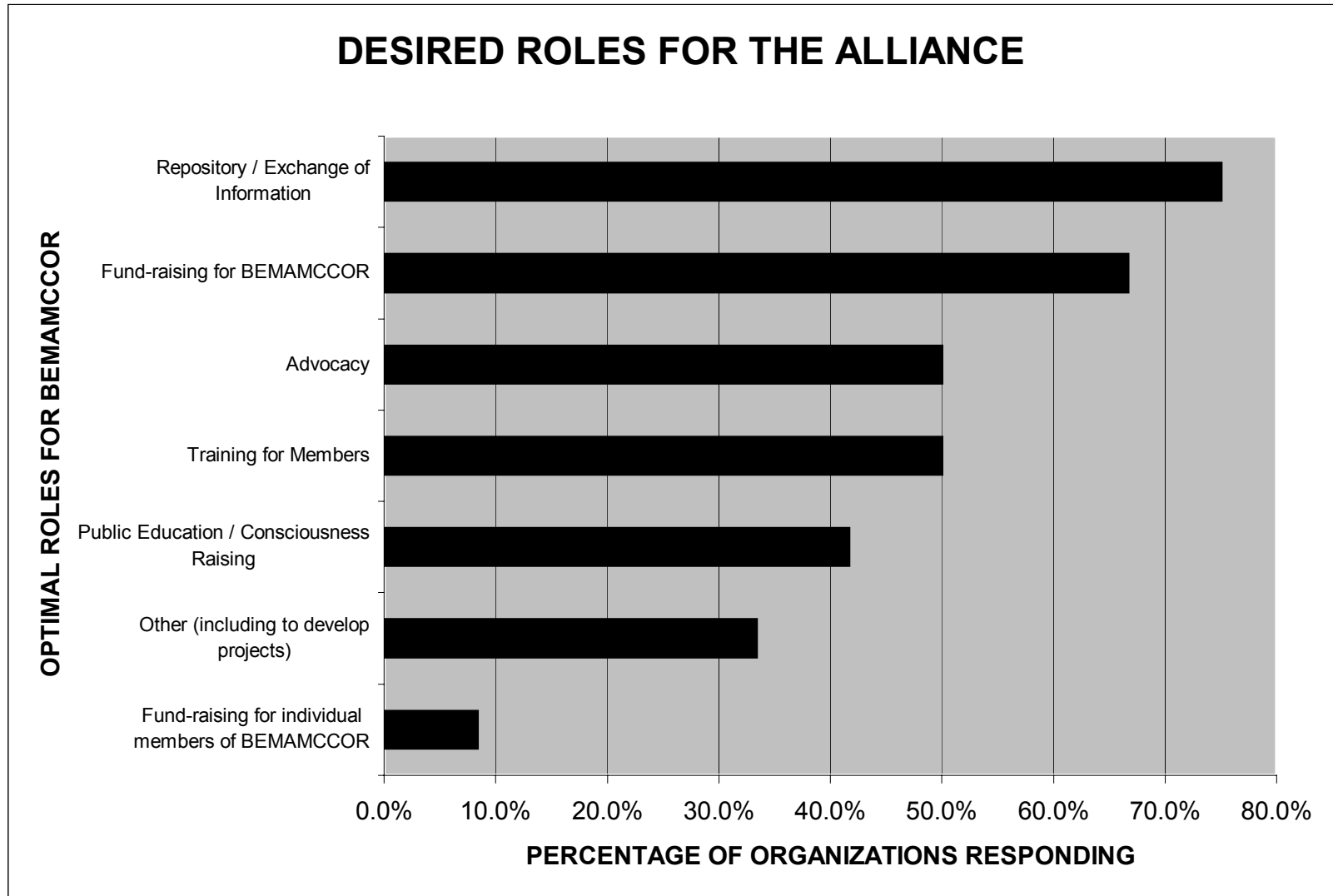
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Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
Marine Education	Calabash Caye Field Station, Turneffe Islands Atoll	Education	Conduct 1-2 weeks marine ecology short courses and marine related workshops	1997	Every year	
Caribbean Coastal Marine Productivity (CARICOMP)	Calabash Caye Field Station, Turneffe Islands Atoll	Monitoring	Monitor for changes in Coral, seagrass and mangrove ecosystems	1997	On going	\$500.00

UQROO

Name of Project	Location / Geographic Scope	Major Type of Activity	Brief Project Description	Year of Inception	Project Duration	Approximate Annual Budget
MIRC – Integrated Coastal Management	Southern Quintana Roo State	Management	Community resource management, tourism development, increase social and professional capacity of NGOs	1998	1998 to 2003	\$US 41,000
OET – Ecological Land Use Ordinances	Quintana Roo Coast	Planning	Incorporation of norms and politics for conservation, protection and sustainable use of natural resources into zoning ordinances	2000	1 year	1'700,000 pesos
GIS – Geographic Information Systems	Quintana Roo	Planning and Management	Develop GIS data base peninsula-wide	2000	ongoing	\$US 100,000 USD (first year)

BEMAMCCOR MEMBER PREFERENCES: SURVEY RESULTS TO GUIDE FUTURE PLANNING



DESIRED LOCATIONS AND TYPES OF WORK

GEOGRAPHIC AREA AND MODE OF INTERVENTION

