

Appendix 3

CHARACTERISTICS OF CORCOVADO-GOLFITO TOURISM PLANNING UNIT

3.1 REGIONAL STRUCTURE

3.1.1 Access to Corcovado-Golfito

(1) The International Gateway

San Jose has a international airport and two domestic airports, which act as the air transport hubs to Corcovado-Golfito as well as other parts of Costa Rica and abroad.

(2) The Access Route through the Inter-American Highway

A main route to Corcovado-Golfito is the Inter-American Highway (No. 2), which also runs to the neighboring country, Panama.

(3) Domestic Air Network

Costa Rica has two domestic airline companies flying from San Jose to Corcovado-Golfito. Golfito and Puerto Jimenez have three or four scheduled flights and Palmar Sur and Coto 47, near Ciudad Neily, have one scheduled flight everyday. Some of the schedule fights are from San Jose to Puerto Jimenez and Palmar Sur via Quepos. Sometimes in the rainy season, afternoon scheduled flights are cancelled because of weather conditions and the airport's runway is without lights.

Figure 3.1.1 Inter-Regional Linkage to Corcovado-Golfito



3.1.2 Regional Setting of Corcovado-Golfito

(1) Urban Centers

The Inter-American Highway connects with national road No.14 that runs to Golfito Town. Corcovado-Golfito has one Regional center is San Isidro. This town is also the road transport hub for the area.

Corcovado-Golfito covers Burunca Region planning unit of MIDEPLAN. Burunca Region consists of six cantons, a population of over 340,000 and the regional center, San Isidro, has a population of over 44,000. The study area is covered by two cantons of which the centers are Puerto Cortes, which has a population of 24,000 including the town Palmar Norte, and Golfito, which has a population of 15,000. Puerto Cortes and Golfito are located on the national road from the Inter-American Highway. There are no major towns in the coastal areas except Golfito. Most important products for the area are banana plantations and African oil palm plantations, which spreads into upper Coto River.

Figure 3.1.2 Urban Centers



3.1.3 Regional Tourism Structure

Corcovado-Golfito area is covered by one Tourism Planning Unit and the tourist centers are Golfito and Palmar Norte, according to ICT's strategic plan.

Typical tourist destinations in the region are the following:

National Parks and Reserves	Beaches and Surfing Spots	Indian Reserve	Other Attraction
<ul style="list-style-type: none"> <input type="checkbox"/> Chirripo National Park <input type="checkbox"/> The International Costa Rican-Panamanian Friendship National Park (La Amistad) <input type="checkbox"/> Corcovado National Park <input type="checkbox"/> Golfito National Wildlife Refuge <input type="checkbox"/> Cano Island Biological Reserve 	<ul style="list-style-type: none"> <input type="checkbox"/> Zancudo <input type="checkbox"/> Dominical <input type="checkbox"/> Drake <input type="checkbox"/> Carate <input type="checkbox"/> Cabo Matapalo <input type="checkbox"/> Pavones 	<ul style="list-style-type: none"> <input type="checkbox"/> Ujarras <input type="checkbox"/> Salitre <input type="checkbox"/> Cabagra <input type="checkbox"/> Terraba <input type="checkbox"/> Boruca <input type="checkbox"/> Curre <input type="checkbox"/> Coto Brus <input type="checkbox"/> Abrojo-Montezuma <input type="checkbox"/> Osa <input type="checkbox"/> Conte Burica 	<ul style="list-style-type: none"> <input type="checkbox"/> Wilson Botanical Garden <input type="checkbox"/> Casa de Orquideas Botanical Garden <input type="checkbox"/> Golfito Duty Free Zone

Please also see major tourist attractions and destinations in Figure 3.1.4.

3.1.4 Geography and Climate

(1) Location and Geographical Conditions

Corcovado-Golfito Tourism Planning Unit is located in the southwestern part of Costa Rica near the border of Panama, of which the coastal length stretches for 361.8 km facing the Pacific Ocean and Golfo Dulce Gulf. Corcovado-Golfito area consists of three characteristic features. The main part is the Osa Peninsula which is 55 km long and 20 km wide, then there is the Burica Peninsula divided between Costa Rica and Panama and thirdly the river basins consisting of Grand Terraba river flowing into the Pacific Ocean and Coto Colorado river flowing into Golfo Dulce.

This area has abundant nature with two national parks and other nature reserve areas covering around 34% of the areas of two cantons, Golfito and Osa. Corcovado National Park in the Osa Peninsula is one of the biggest National Parks with Pre-montane Wet Forest on the Pacific coastline, it encompasses an area of 425 km² including mangrove swamp, Corcovado lagoon and the highest mountain of Mt. Rincon (745m) with a lot of precious flora and fauna. This

park deserves to be a new nature tourism destination. There is also the biggest national wetland, the mangrove forest at Terraba-Sierpe river basin which attracts tourists by boat.

The Corcovado-Golfito area comprises 129 medium beaches (average 1.8km), small beaches (0.4 km) and long ones (9.0 km) with tropical forest mountains or pasture inland.

(2) Climate

The climate of this region is distinct from the rest of the Pacific coastal areas. Corcovado-Golfito area has heavy rainfall (max.6,840 mm/yearly average) and a short dry season caused by weak trade winds due to the highest mountains in the northern part of this area. In the wet or rainy season between April and November, rain badly affects the area, flooding plantations, and making roads impassable. But this season also has clear blue skies and brilliant sunshine attracting tourists.

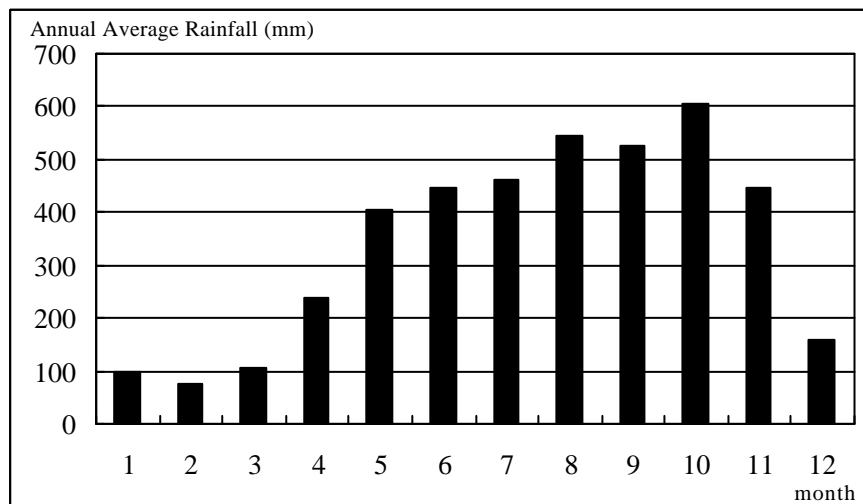
Table 3.1.1 Climate Condition of Corcovado-Golfito Area.

Location	Part	Temperature °C	Rainfall (mm)	Aridity (%)	Dry month
Burica	Southern	25 - 27	1,710 – 2,050	10 - 20%	12, 1, 2, 3, 4, 5
Peninsula	Zancudo	23 - 27	2,740 – 3,160	10 - 20%	12, 1, 2, 3
Other area	Plain	21 - 27	3,080 – 3,420	under 20%	12, 1, 2, 3
	Mountain	25 - 27	3,420 – 6,840	under 20%	12, 1, 2, 3,

Note: All figures indicate annual averages.
Mountain areas in the northern part have a similar climate to the southern part of the Coastal area.

Source: Clima de Costa Rica. Editorial Univ. 1985/ Luis Gomez.

Figure 3.1.3 Annual Average Rainfall in Coto 47 (1955-1997)



Source: Institution of National Meteorology

Figure 3.1.4 Major Tourism Attractions and Destinations in Brunca Rgion

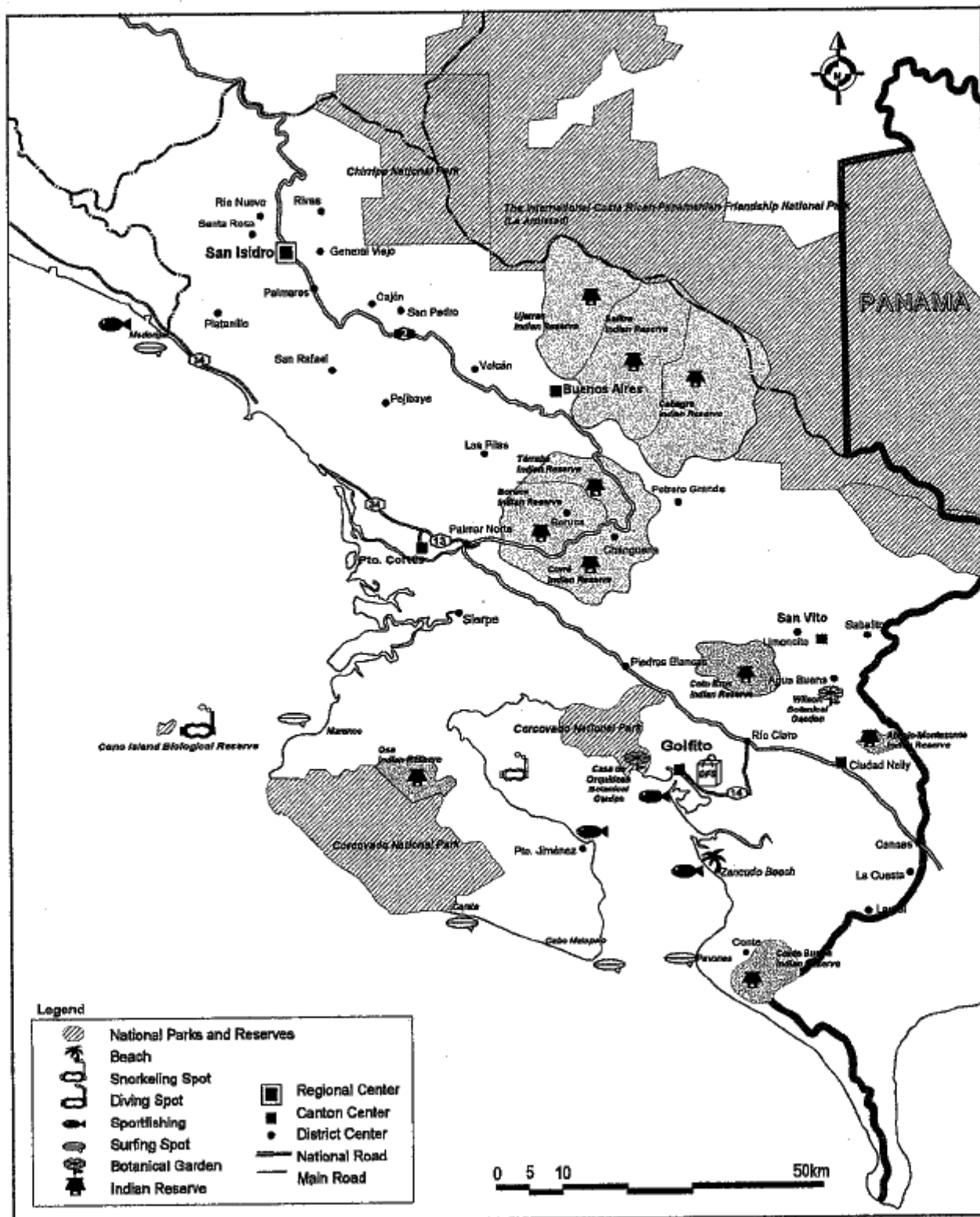
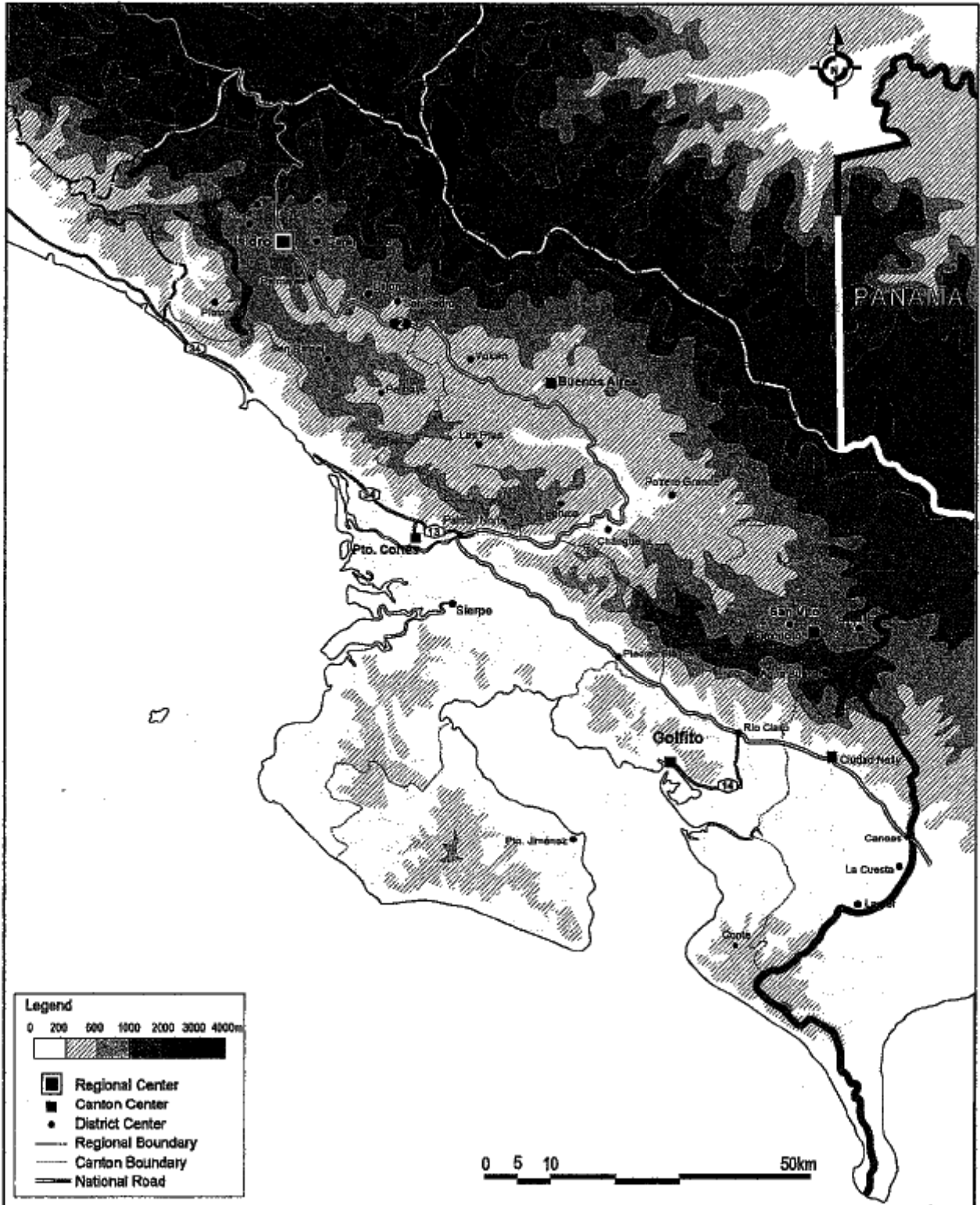


Figure 3.1.5 Geographical Condition



3.1.5 Socio-Economic Structure of the Study Area

(1) Population and Employment in the Study Area

The population and employed population changes in the study area are shown in Table 3.1.2 and 3.1.3. In 1999, the population of Corcovado-Golfito was 78,000, which accounts for 2.2% of the population of Costa Rica. From 1965 to 1999, the population of Osa canton decreased continuously. From 1965 to 1975, the population of Golfito canton decreased drastically. In the 1980s, Golfito canton's population growth rate was less than the national average. In the 1990s, the population growth of Golfito canton was again stagnated.

The working population is 9,700 which accounts for less than 1.0% of the whole country in 1998. The rate of employment is 12.5%, less than half of the national average. In the 1980s there was extreme negative growth in the working population, but in the 1990s it changed to positive growth.

Table 3.1.2 Population Change in the Study Area

Cantons	Population						Average Annual Rate of Increase (%)				
	1965	1975	1985	1990	1995	1999	'65/75	'75/85	'85/90	'90/95	'95/99
Osa	19,242	24,858	28,418	32,008	34,392	35,918	2.6	1.3	2.4	1.4	1.1
Golfito	40,432	23,431	31,662	36,563	39,864	41,866	-5.3	3.1	2.9	1.7	1.2
Total	59,674	48,289	60,080	68,571	74,256	77,784	-2.1	2.2	2.7	1.6	1.2
Costa Rica	1,447,120	1,969,256	2,638,963	2,993,676	3,301,210	3,558,697	3.1	3.0	2.6	2.0	1.9
(%)	4.12	2.45	2.28	2.29	2.25	2.19					

Source: POBLACION DE COSTA RICA POR SEXO SEGUN PROVINCIA, CANTON Y DISTRICT 1990~1999, INSTITUTO NACIONAL DE ESTADISTICA Y CENSOS
Estimación y proyección de población por cantones del período 1975-2015

Table 3.1.3 Employment Change in the Study Area

Cantons	No. of employees			Employees/population (%)			Annual Rate of Increase (%)	
	1984*	1990	1998	1984	1990	1998	1984/90	1990/98
Osa	7,119	2,720	4,380	25.1	8.5	12.2	-14.8	6.1
Golfito	7,523	4,264	5,324	23.8	11.7	12.7	-9.0	2.8
Total	14,642	6,984	9,704	24.4	10.2	12.5	-11.6	4.2
Costa Rica	731,446	725,758	974,682	27.7	24.2	27.9	-0.1	3.8
(%)	2.00	0.96	1.00					

Note: * Censo de Poblacion (Tomo II, 1987)

(2) Profile of Coastal Area

Corcovado-Golfito coastal area is 360km long from Boca Coronado, at the west end, to Punta Burica, at the Panamanian border. Five districts are coastal and the total area is 2,700km² (which accounts for 73% of the Corcovado-Golfito area) and a population of 41,000 (which accounts for 53% of the total population of the whole area). The population density is 15.3 people/km², which is a low density compared with a national average of 71 people/km² and 21.1 people/km² for the Corcovado-Golfito area.

The number of wards is 20 and there are 144 communities. The population average in a community is 320. There are 141 tourist facilities and 1,316 rooms.

Table 3.1.4 Social Indication of Coastal Area

Administrative Units		Area (km ²)	Population (Persons)			Average Increase	Annual Rate (%)	Population Density (psn/km ²)
Cantons	Districts		1990	1995	1999	1990/95	1995/99	
Osa	Puerto Cortes	226.19	9,329	7,965	8,347	**1.7	1.2	36.9
	Sierpe	1,021.00	5,041	5,444	3,596	1.6	***0.0	3.5
Golfito	Puerto Jimenez	720.54	6,225	6,819	7,166	1.8	1.2	9.9
	Golfito	345.60	18,892	13,928	14,786	****1.9	1.5	42.8
	Pavon	363.16	-	6,834	7,069	****0.7	0.8	19.5
Study Area Total		2,676.49	39,487	40,990	40,964	0.7	0.0	15.3
Corcovado-Golfito Area *		3,684.20	68,571	68,571	77,784	0.0	3.2	21.1
(Share of study area)		72.6	57.6	59.8	52.7	-	-	-

Note: * Total of Osa Canton (5 districts) and Golfito Canton (4 districts)

** To Include Bahia Ballena District, because since 1992 Bahia Ballena has separated from Puerto Cortes district.

***1998~1999's value, because 1998 Piedras Blancas district has separated from Sierpe and Bahia Blancas districts.

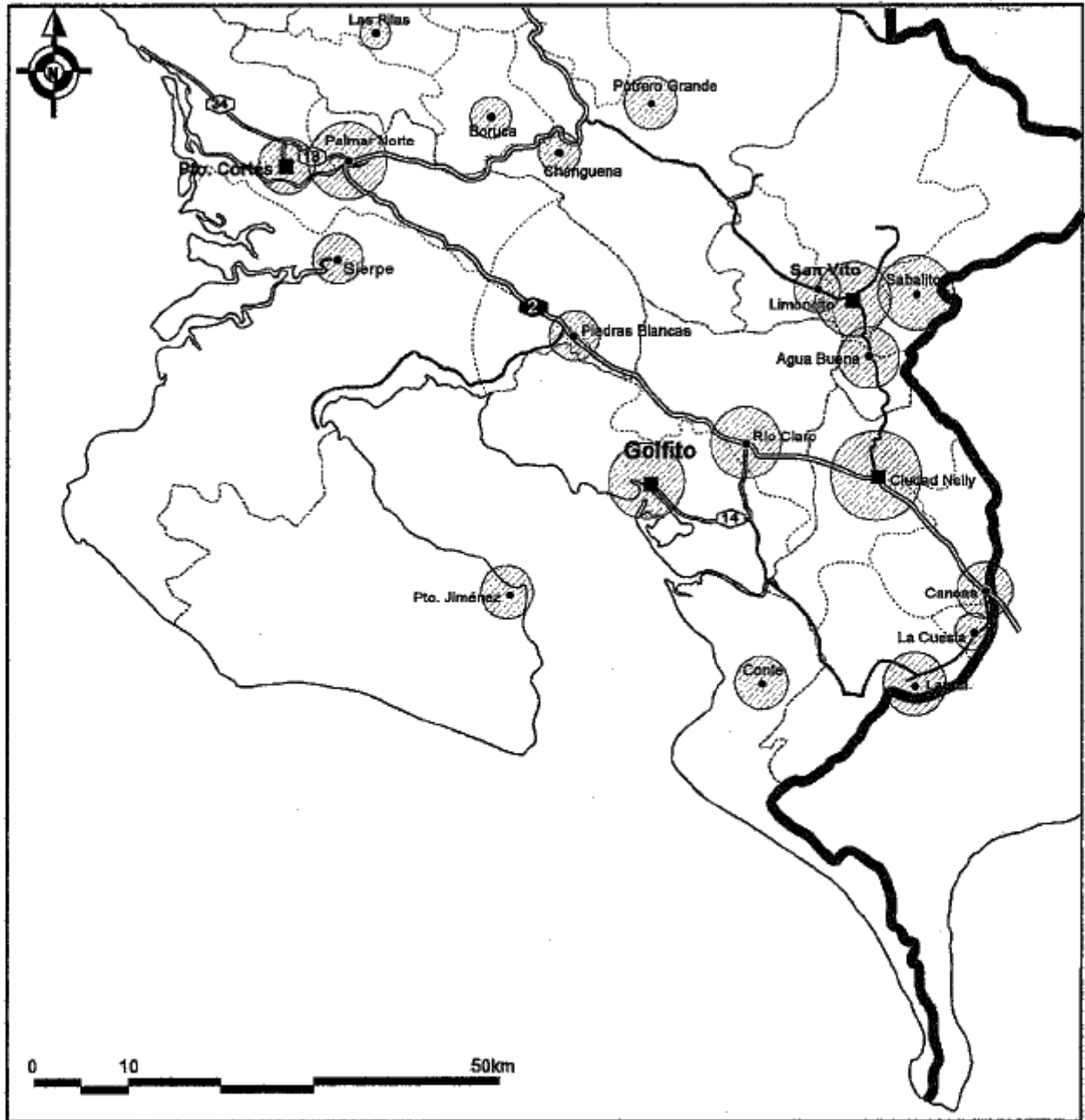
***1993~1995's value, because 1993 Pavon district has separated from Golfito districts.

Table 3.1.5 Community and Tourism Facility of Coastal Area

Administrative Units		Length of Coastline (km)	No. of Community Units		No. of tourism Accommodations, 1999	
Cantons	Districts		Wards	Villages	(Units)	(Rooms)
Osa	Puerto Cortes	14.5	2	21	42	433
	Sierpe	100.7	-	33		
Golfito	Puerto Jimenez	111.1	1	25	24	159
	Golfito	59.9	17	35	75	724
	Pavon	75.6	-	30		
Study Area Total		361.8	20	144	141	1,316
Osa/Golfito Area		-	22	215		
(Share of Study Area)		-	90.9	67.0		

Note: No. of community units: "Division territorial administrativa" comision Nacional de Division Territorial Administrativa, 1997

Figure 3.1.6 Administrative Boundaries of the Study Area



Legend

Population 1999



- Canton Center
- District Center
- National Road
- Main Road

- International Boundary
- Regional Boundary
- Canton Boundary
- District Boundary

3.1.6 Road Network

In Corcovado-Golfito area the road consists of almost a single linear road network with relatively low density ($0.4\text{km}/\text{km}^2$) of roads through steep mountains and pastures in the plain. Total length of road reaches about 1,500 km comprising over 92% non-paved roads without bridges, lights or traffic signs.

A paved trunk road, Route 14, connects with the Inter-American Highway and goes to the Canton center of Golfito town. Other feeder roads serve local communities and beach resort areas with access from Inter-American Highway. The route from Chacarita to Puerto Jimenez is paved for half its length and enters the Golfo Dulce Forest Reserve Area. Condition of road network is shown as follows.

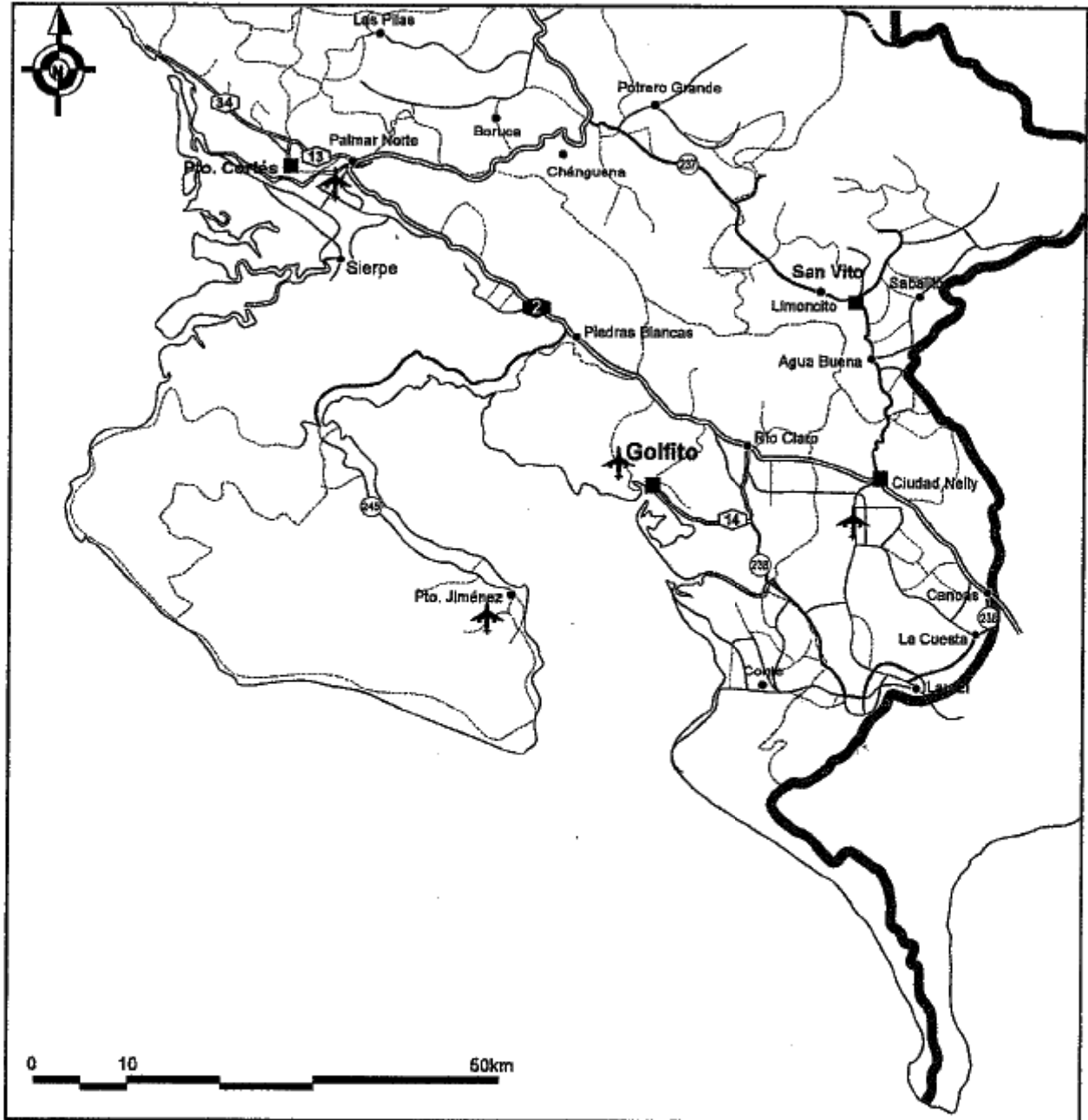
Table 3.1.6 Road network by Canton in the Study Area

Canton	Total (km)	Paved (%)	Non-paved (%)	km/km ²
Osa	751.8	54.7 (7.3)	697.1 (92.7)	0.3
Golfito	746.1	62.8 (8.4)	683.3 (91.6)	0.4
total	1497.9	117.5 (7.8)	1380.4 (92.2)	0.4

Note: Puntarenas Canton includes the area beyond Nicoya Peninsula

Source: Study Team, Cantones de Costa Rica 1992 (original source in 1984)

Figure 3.1.7 Regional Road Network



Legend

- National Primary Road
- National Secondary Road
- - - Other Road
- ⑭ ⑳ National Road Number

- ✈ Domestic Airport
- Regional Center
- Canton Center
- District Center

- International Boundary
- - - Regional Boundary

3.2 NATURAL RESOURCES AND ENVIRONMENTAL CONDITIONS

3.2.1 Climate, Landform, Land Capability

Annual rainfall varies between 400-500 cm and even approaches 600 cm in places (Figure 4.2.1). Mornings are normally clear and rain falls in the afternoons and evenings. Between January and May there is a 2-4 month dry season. Variations in temperature by season and location are low with daily fluctuation ranging from 21-32 °C. Rugged hills run along the spine of Osa peninsula while much of the northern and eastern fringes of Golfo Dulce are characterised by steep hills plunging straight to the shoreline. Some of the rivers draining the hills are large with extensive mangrove systems on the coast. Only lower flatter land is suitable for cultivation or pasture; above about 100 m the land is best used as forest.

3.2.2 Land Cover, Land Use and Protected Areas

Protected areas are shown in Figure 3.2.1. Osa Peninsula has the last remaining Pacific coast tropical rain forests of Central America. It is one of the most important areas of the neotropical region for biodiversity, supporting over 700 species of trees. The park has the largest population of the endangered scarlet macaw (CITES appendix 1) in the country and protects threatened species such as Baird's Tapir, Giant Anteater and five of the six cat species. Corcovado National Park (42,469 ha) was created in 1975 and Piedras Blancas (14025 ha) in 1991. A forest reserve was created in 1978/9 (61,700 ha) to ensure that land use did not change on the peninsula around Corcovado and to maintain the link with the forests in the Golfito area. National Wildlife Refuges are listed in Table 3.2.1. A large area of wetlands north west of Piedras Blancas is protected.

Table 3.2.1 National Wildlife Refuges in the Corcovado-Golfito Area

SINAC Code	Name	Area (ha)
<u>V02</u>	Golfito	2,810
<u>V29</u>	RHR Bancas	59
V30	Hacienda Copano	260
V32	Forestal Golfito	87
V37	Punta Rio Claro	247
V41	Donald Peters Hayes	211
V42	Preciosa Platanares	226
V50	Pejeperro	350

Between 1980 and 1995 16,000 ha of the forest has been cleared in the Osa Peninsula. In the forest reserve 20% of the forest has been converted to pasture causing severe fragmentation, (Figure 3.2.2). The approval of over 160 more Forest Management Plans from 1997-1999 has increased the pressure on the remaining forest (Figure 3.2.3). A report by Fundacion Cecropia (1999) showed that forest management plans were deficient and often not followed. Removal of trees and the construction of access roads have caused erosion and increased sediment loads in the important watersheds of the peninsula (Figure 3.2.4). This affects freshwater supplies and water quality along the coast (e.g. Drakes Bay, Rincon, Chocuaco-San Juan, Tigre-nuevo) and pollutes the inshore waters, especially of Golfo Dulce. Timber trees are failing to regenerate and some bird species are declining. The current management (exploitation) of the Forest Reserve is proving to be unsustainable and protection of watersheds and steep slopes is urgently needed. Illegal hunting in the Parks and Reserve is also a problem.

3.2.3 Coastal Habitats

The largest area of mangroves found in Costa Rica is formed by the deltas of the rivers Sierpe and Terraba and it has been included on the Ramsar List of Wetlands of International Importance. Other important mangrove areas are found in the estuaries of Rincon, Esquinas, Llorona, Tigre and within Corcovado. Mangroves are protected (Ley Organica del Ambiente, 1995), and MINAE is the overall responsible authority. The mangroves of Rio Esquinas were visited and appeared in pristine condition, forming a valuable addition to the Piedras Blancas Parque. Studies of rivers draining into Golfo Dulce (Spongberg & Davis, 1998) found some evidence of pesticide residues in sediments at the river mouth of Esquinas. Water circulation in the Gulf is restricted by its narrow entrance and the shallow sill near the mouth, so pollutants may accumulate.

The Rio Terraba shows disturbance and degradation of mangrove habitat and erosion of beaches at its northern exit near Punta Mala, attributed in part to extraction of gravels and other deposits, for construction purposes, higher up the river. The banks of the Rio Sierpe have been cleared of natural vegetation in the Sierpe area, but further down extensive mangrove forest remain in excellent condition, accompanied by the large royal fern (*Achrostichum aureum*). Together these rivers form a large network of swamps that are home to crocodiles, caimans, water-birds and nursery grounds for commercial fish species. Protection of Isla Violin at the rivermouth would maintain scenic and biological values. Artisanal fishing occurs in the mangroves. INCOPECSA have prohibited the use of nets by fishermen, but it is reported that this is not enforced. Sport fishing has been started in the mangroves of Golfo Dulce by Crocodile Bay Lodge. The main species caught are snook, snapper, barracuda and corvina. Little is known about the size of resident populations of sport

fish in these rivers but the area is limited. Reportedly 90% of the sport fish catch is returned to the water. Boats from Golfito fish in the mangroves and remove the catch for sale.

Turtle nesting occurs on many of the beaches in the study area. Robbing of turtle nests by local people is reported as common.

3.2.4 Marine Environment

Isla del Caño has two patches of coral on the north shore, one on the east side, and two small ones on the south side (Cortes *et al.* 1996). Several dive operators are based in Drakes Bay. Three dive sites were designated at Isla del Caño by MINAE but more have now been added to accommodate increasing numbers of divers. Currents can be strong and visibility poor to moderate (3-10m) which can make diving difficult. Coral is scattered but large schools of fish are often seen. Neither the limits of the marine park nor the dive sites are marked by buoys. The dive boats do not usually anchor. Cruise ships (4 boats) visit San Josecito beach to ferry passengers ashore. Previously they had visited Isla del Caño but the Park Authorities banned them.

The rocky points and islets of Corcovado, such as Punta Salsipuedes, have corals and at some sites there are coral patch reefs, e.g. Punta Llorona. A total of 11 species of hard coral with about the same number of soft coral species have been recorded (Cortes & Jimenez, 1996). These sites form breeding refuges for commercial species (fish and shellfish, e.g. conch, *Strombus galeatus*, and the snail, *Siphonaria gigas*) which are rare outside the park. Illegal fishing, including thousands of conch was reported in 1995.

In Golfo Dulce, Cortes (1992) described three main areas of coral; off Punta Islotes, Punta El Bajo and Sandalo. Observations in March 2000, along the western shoreline near Rio Tigre and Sandalo, showed that practically all the coral was dead. Fine sediment and algae covered the coral and sea-bed, almost certainly derived from erosion in the watersheds. Coral was also found at Punta Medida (below Mogos) where conditions seemed more suitable with clear water and coarse sandy sediments but again nearly all the coral was dead.

Sportfishing is carried out in the Gulf along the shallower edges. Water below 100m depth is generally depleted of oxygen (Thamdrup *et al.* 1996). Rooster-fish, jacks, snapper, grouper barracuda and mackerel make up the catch. Offshore sailfish, marlin, dorado, wahoo, yellow tail and tuna are caught. Most of the catch is returned to the water but little information is available on survival rates. Fish numbers and tourists sportfishing are reportedly increasing. Commercial long-lining with small boats is limited to 25 miles offshore and large boats 100 miles offshore. Boats occasionally come too close. The same is true of shrimp boats, which

even enter Drakes Bay killing most of the bottom life as they trawl along the sediments. Enforcement by INCOPECA appears to be limited.

Nine species of Cetacean have been recorded off the South Pacific Coast and Golfo Dulce, with 6 species resident, including the spotted dolphin and pilot whale which are especially abundant. Humpback whales are migratory and females with calves are regularly recorded in Costa Rican waters; Golfo Dulce is a possible parturition area. Golfo Dulce supports a resident population of bottlenose dolphins. Various fishing activities (long-lines, trawling nets and drift nets) are directly responsible for dolphin mortality, while overexploitation of fish stocks can affect cetacean populations indirectly through depletion of their food supply. Cetacean flesh is used as a bait all along the Pacific Coast of Costa Rica, with a recent increase around the mouth of Golfo Dulce, where the flesh of the Bottlenose Dolphin is used to fish sharks.

Figure 3.2.1 Osa Conservation Area: Protected Areas

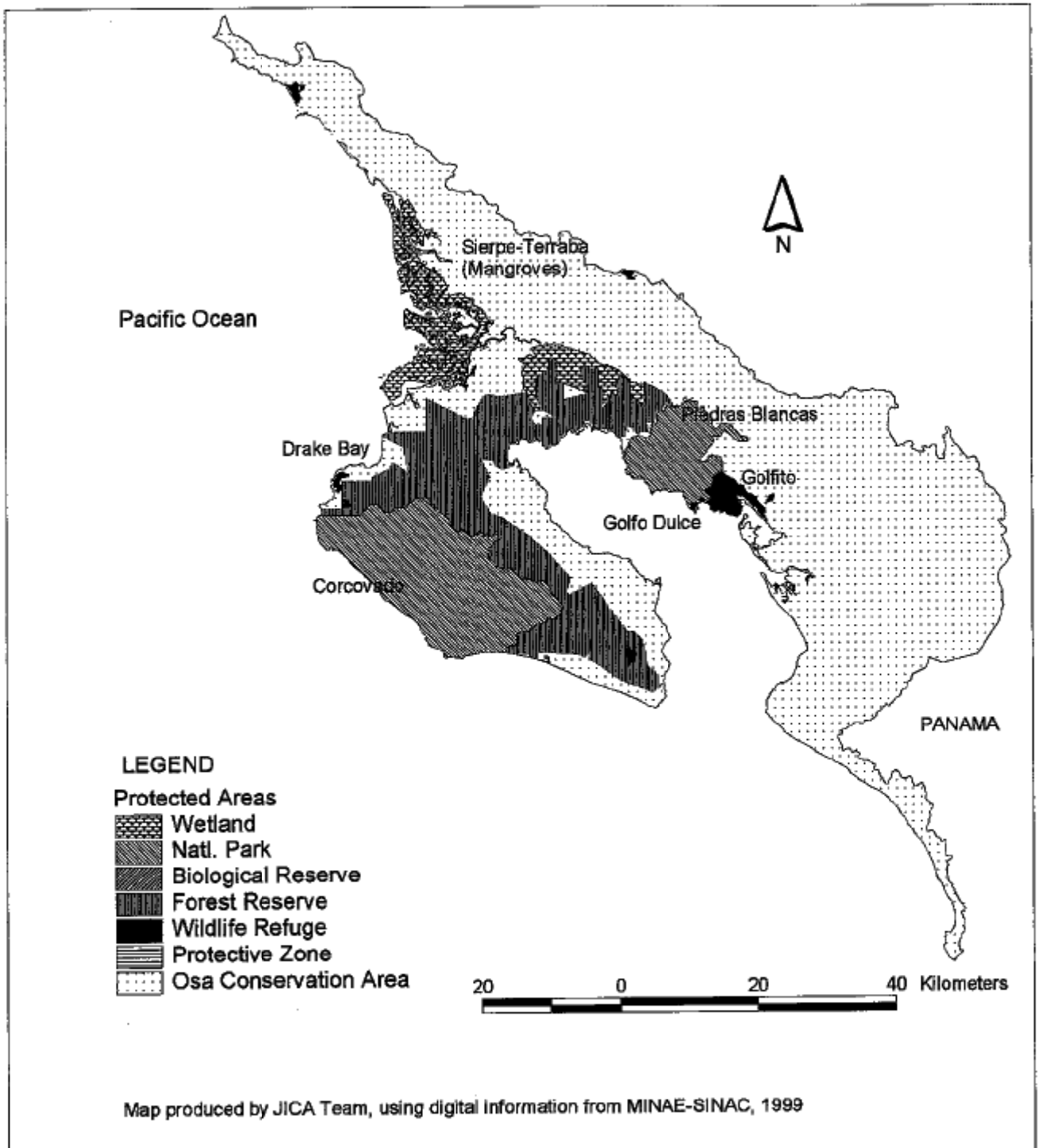


Figure 3.2.2 Osa Peninsula: Forest Cover and Fragmentation, 1995

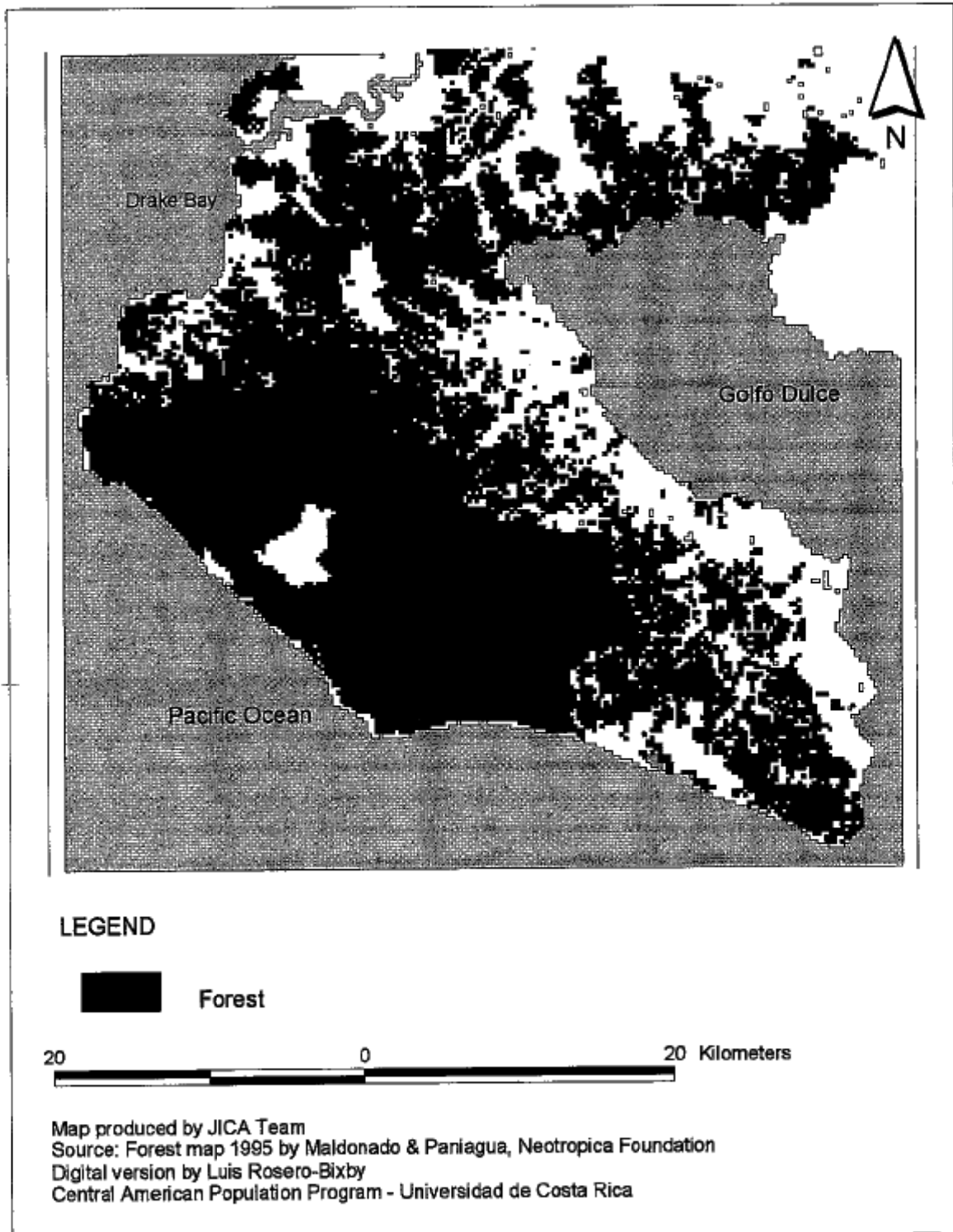


Figure 3.2.3 Osa Peninsula: Forest Cover and Forest Management Plans 1997-1999

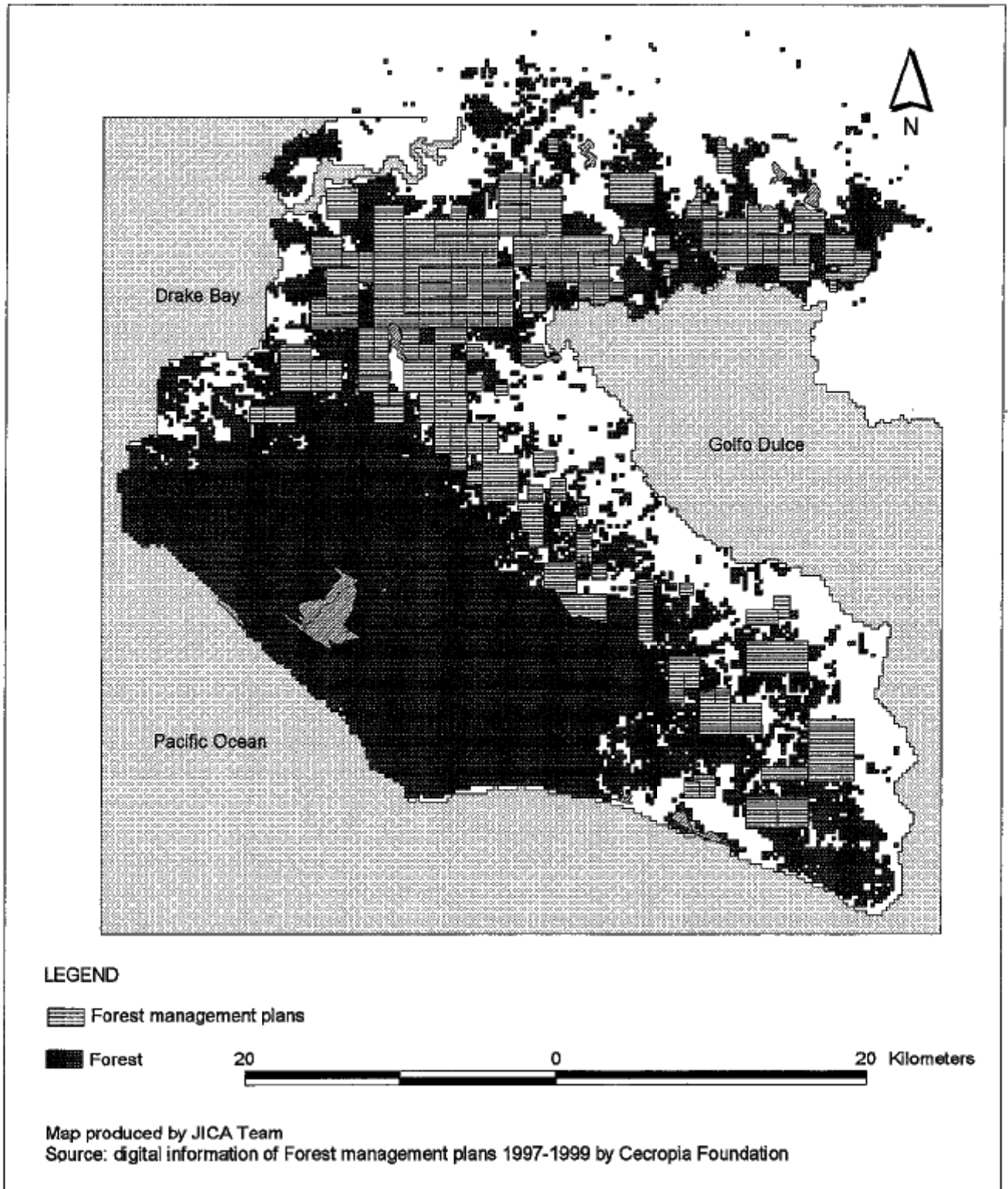
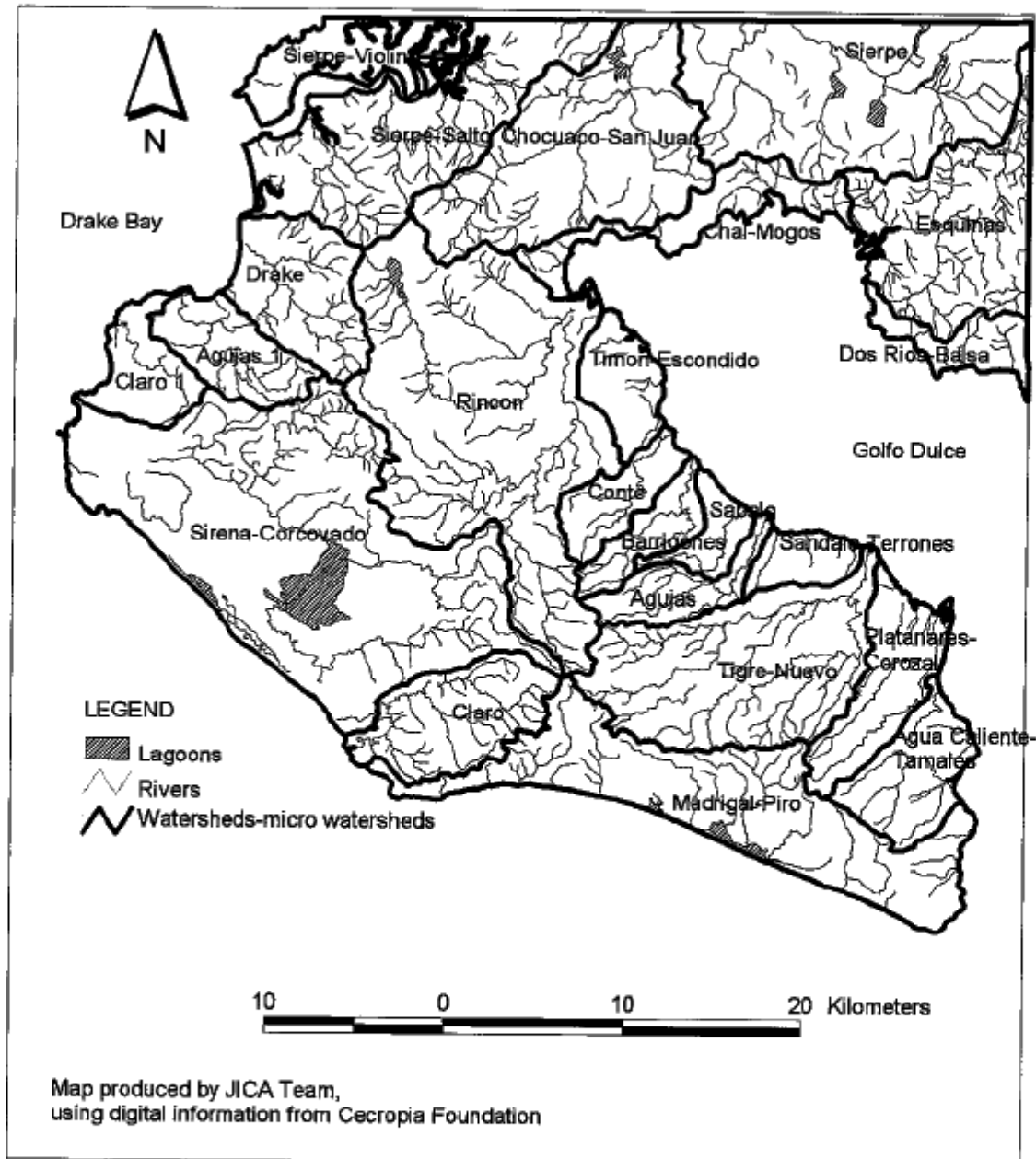


Figure 3.2.4 Osa Peninsula: Hydrography and Watersheds



3.3 REGIONAL ECONOMY AND LOCAL COMMUNITIES

3.3.1 Historical Movement of Main Industries in Osa and Golfito: History of Land Use

The local economy as well as the people of these cantons have been strongly affected by foreigners and foreign enterprises that started working in the 1940s, for example in banana plantations, gold mining, forestry and, lately, tourism activities. In 1978, the government expropriated some of the land on the Osa Peninsula, which some people considered their own property (because they had lived there for a long time), and Corcovado National Park was established in that area. Such actions affected the local people living in these areas and they had to look for another area to settle in because of a governmental mandate. All of those processes, including the activities of foreigners, had both positive and negative impacts on the local society and economy.

(1) Banana Plantations

In 1940, an USA banana company shifted from Limón to Osa and Golfito due to a disease in Limón's plantations. At that moment, the banana company employed many people from the local neighboring communities and from Panama, not from the Caribbean Zone. The area suddenly became prosperous due to the increase of population. In addition, Golfito's Hospital was built by the banana company. This represents a positive output by the company.

In 1984, a labor dispute problem (strike) could not be solved and a banana company withdrew from the region. As a result, most of the workers and their families moved to other places and resettled. The closure of the company and the resettlement of the workers influenced the local economy so much that most of the economic activities stopped. The government decided to create a duty-free market in Golfito. This now has 52 stores and has become a source of employment for the local people.

(2) Forestry

In 1957, the government gave 42,000 ha of land in concessions to the USA enterprise "Osa Productos Forestales" to log the forest in the central parts of Osa Peninsula. However, part of the land was already occupied by local people before the concession; therefore, there were conflicts between the company, the people and the Government.

In 1975, Corcovado National Park was established in the eastern area of Osa peninsula, and in 1978, the area surrounding the park was declared a forest reserve area so that it would serve as a buffer zone help preserve the park forest.

The people living inside the park did not have many problems when they resettled because they received a resettlement grant 420 families that lived in the reserve area obtained their land title – they needed evidence to show that they had lived there peacefully for 10 years or more. However, some people could not receive titles and did not have any other means of livelihood. Therefore, despite the governmental prohibition against staying, they stayed in Golfo Dulce Forest Reserve because they did not have any alternatives.

(3) Gold Mining

At the end of the nineteenth century gold deposits were discovered in the area, and until about 1974, miners used manual techniques for the extraction. When a mining company obtained permission from the government and brought new mining technology, it started to mine in the area around the Tigre River, at the present border of the national park. About 300 – 400 workers came from Panama, Nicaragua, San José and other places in Costa Rica and settled in Golfito canton. Over a period of eight years until September 1989, at least 116,733 ounces (approximately 4,412 kg) of gold were extracted from the area. (Source: Berrangé, Jevan. "Gold from the Golfo Dulce Placer Province, Southern Costa Rica." Revista Geológica de América Central. 14: 13-37, 1992.)

After the mining company was closed, some of the people decided to stay in Golfito or Osa cantons as livestock farmers or working in tourism services.

Those miners who bought the land in the area of the reserve or the national park before their establishment, (as mentioned in point 2), and those who bought the flat land of Osa peninsula outside the reserve area, worked on livestock farms, including in their own land, or in the tourism sector.

Some of the people may have sold or rented the land to foreigners and moved to the central region or settled in the Osa peninsula as farmers. Of those who bought the coastal land, some sold it for a high value to foreigners, and after obtaining what appeared to them a great deal of money, they moved to the metropolitan area or worked in the local tourism sector.

According to the information provided by a government official, there were problems between the foreign landowners and the local people. For instance, after selling the land, the local people moved on other's people's land and stayed as squatters. They then sold this land to the foreigners. There is no current information about the number of cases in this Region.

(4) Tourism

In the 1950s, foreign investors (mainly from the USA) started to acquire the coastal land for the development of hotels or for speculation. In the first case, it became a source of employment for the local people.

On the other hand, in cases where speculation was the objective, a problem was created for the local economy. This land may not be utilized until a new land buyer owns the land, even a valuable beach or tourist area; this may inflate the price of the properties and with such high prices, development of the land was no longer economically feasible. Much of it therefore remained unused.

Local enterprises have also invested in tourism-related projects such as small hotels, restaurants, sport fishing, horse riding, etc. In this case, the owners employ local staff. Likewise, goods required by hotels, such as food or furniture, may also be obtained in the local communities. This is a very positive contribution to the local economy.

However, many local enterprises are unable to reach the foreign markets because they lack adequate management systems, suitable technological resources and contact with potential outlets. Therefore, it may not be easy for them to carry out successful hotel operations. A further problem is that some small hotels have poor sanitation systems, which cause contamination to the environment.

(5) Agriculture

Regarding agriculture, there are several difficult factors to be taken into account. The first is the farmers, who were originally miners and had to change their livelihood, so that the new activity – agriculture – is not easy for them due to their attitude towards the activity itself. Another factor is the individualism of the people, which makes the creation of associations an objective problematic.

MAG has been implementing a Rural Development Program for ten years. However, it has proved very difficult due to the shortage of markets and the poor quality of the products. The Farmer's Market is not only a way of increasing the market, but also of establishing the demand. For instance, in Golfito there were three trucks that came from San Isidro and Cartago, and in Puerto Jiménez this activity had already failed.

(6) Livestock

The situation for this activity is the same as in Nicoya Peninsula; the industry has suffered an important decline. However, in Sierpe, the IDA, a governmental institution, allocated small plots of land for a new agricultural frontier in the remote area, which was fertile land; therefore, production was likely to be better than in other areas. As a result of this scheme, livestock rearing has been established in this area since the 1980's.

By the IDA's scheme when people obtain land from the institution they must pay for the land, and after fifteen years, they are given the title deeds. For instance, there was a case in Uvita in which a person got 8 ha from IDA at a price of ¢ 500,000 and, after receiving the title, sold it to a Canadian developer in ¢ 80,000,000 because it was located in a touristic coastal area. This illustrates how selling the land is usually more profitable than dedicating it to livestock rearing or any other farming activity.

(7) Fisheries Industry

Around the 1940's some fishermen moved from Guanacaste to this area and settled in Golfito or in Sierpe.

Fishing villages with high potential for tourism are targeted by investors. Usually, if a foreign investor finds suitable land for tourism, he may purchase the fishermen's land for tourism development or speculation. After selling the land, the fishermen may change their job from fishing to the tourism sector, working in a hotel or a sport fishing company managed by a foreigner or simply, after selling the land, they may move to another place.

In cases where there is no influence from tourism, fishermen continue to work in their villages. One of the ways to develop these villages is to create an association which will provide support, such as credit from INCOPECA or donations for boats, machinery and construction of cold storage rooms.

3.3.2 Social and Economic Conditions in the Osa and Golfito cantons

(1) Social Conditions

The availability of primary schools is relatively good. However, the problem of education lies in the availability of high schools in rural areas. If someone wants to enter a high school, they have to stay in a town. This may be very difficult for the rural people, because if they do not have relatives, they have to pay lodging fees for their children's schooling.

PANI is the institution in charge of inspecting cases in which there are family conflicts involving children; for example, if the parents beat the kids there may be a problem such as poverty, sexual discrimination, or drug addiction in the family. The indicators of PANI for Osa are mostly the same as the ones for the country itself, and figures for domestic violence in Golfito are double the national average, which show that there may be problems at home or in the society.

Table 3.3.1 Comparison of Social Indicators

	Costa Rica	Osa	Golfito
Land Area (km ²)	51,089	1,930	1,754
Population 1965 * ¹	1,447,120	19,242	40,432
1984	2,416,809	26,249	29,043
1990	2,959,177	32,008	36,563
1998	3,496,423	36,091	42,128
Infant Mortality Rate: Average 1990-1998	13.0	15.0	14.0
Cases Attended by PANI * ²			
Average 1992-1996	26,757	170	526
Percentage of Cases Attended by PANI % for Population (/1,000)	8.0	4.7	13.2
Abstinance in 1998 for voting (%)	30.00	38.29	42.52

Source: State of the Nation, National Institute of Statistic and Census

Notes

*¹ 1965: Used only as reference

*² PANI: Patronato Nacional de la Infancia.

National Office of Children Affairs. This institution is in charge of receiving complaints or reports of child abuse, abandonment, etc.

(2) Population and Employment

Employment in Osa decreased from 7,119 in 1984 to 2,720 in 1990, a reduction of 62%. The reason may have been the withdrawal of the company and the consequent closure of the banana farm. Later, in 1998, there was a recovery and the number increased to 4,380. It appears from this that the duty-free market has had a positive impact on the local economy.

It seems therefore that, in the long term, the closure of the banana farm did not affect Golfito so seriously as Sierpe, but still the level of employment could not be regained. The number of jobs in 1998 was 5,324 and in 1984 it was 7,523. However, the population has been increasing in both cantons.

Table 3.3.2 Trend of Employment and Population

	1984 *		1990		1998		Increase in Population (1984=100)			Employment Trend (1984=100)		
	Pop.	Emp.	Pop.	Emp.	Pop.	Emp.	1984	1990	1998	1984	1990	1998
Costa Rica	2,416,809	731,446	2,804,769	725,758	3,340,909	974,682	100	116	138	100	99	133
Osa	26,249	7,119	32,008	2,720	36,091	4,380	100	122	137	100	38	62
Golfito	29,043	7,523	36,563	4,264	42,128	5,324	100	126	145	100	57	71
Limón	15,494	14,353	66,930	20,245	81,387	22,554	100	432	525	100	141	157

Source: State of the Nation

Notes

* Source: Ministry of Economy, Industry and Commerce

3.3.3 Characteristics of Different Areas

The study covers an area of about 361.8 km of the length of the coast of Osa and Golfito and includes the national park and mangrove forest. There are different types of settlement areas in the study area. Table 3.3.3 gives an overview of the major activities and the social conditions of the four main settlement areas of Corcovado-Golfito.

Table 3.3.3 Characteristics of Different Areas

	West coast of OSA Peninsula - Surroundings of DRAKE	East coast of OSA Peninsula - Surroundings of Pto. JIMENEZ	Coastal area of Golfito South - Surrounding Zancudo	Town
Major Activity of the Area	Tourism, Banana & Palm oil farming, livestock, Prawn breeding farms, Small Fisheries	Tourism, Banana & Palm oil farming, Forestry, Livestock, Small Agriculture	Tourism, Fishery, Agriculture	Golfito- Tourism, Commerce, Duty-free market, Services, Cortes- Commerce, Services
Characteristics of the Activities/ Condition of Economy	<ul style="list-style-type: none"> 80% of people are engaged in the tourism sector in Drake village. Hotels and cabins were developed by local enterprises. There is not much activity on the part of foreigners. Livestock farming has reached sustainability 10 years after obtained their land from IDA. Prawn breeding farms created employment for local people. Small traditional fisheries have limited production due to inadequate equipment. They need larger boats with engines, cold storage rooms, associations and training for a better livelihood. 	<ul style="list-style-type: none"> Banana plantations provided the major production until 1984. Tourism, forestry and palm oil are the major products in the area nowadays. Agriculture was not well developed due to individualistic workers, poor soil, and the product quality was not satisfactory. Agricultural development projects could not work as alternatives to banana and gold. Palm oil farming and forestry increased due to the low cost for labor. There is a need for alternative livelihood for sustainable living for the people who live in the reserve area of Corcovado National Park. Illegal logging has area. increased in this area. 	<ul style="list-style-type: none"> 12 years ago, foreigners came to acquire the land for sport fishing enterprises at Zancudo. Then tourism developed and all the fishermen changed job after selling their land. The livelihood of 40 families in Pavones is fishing. After establishing an association, getting training and credit from INCOPECSA, it developed smoothly. Fish is being exported at a high price - as much as \$ 1,100/kg which is double the small fisherman's price. There was bloodshed between foreigners and a local farmer due to a conflict over land possession. 	<ul style="list-style-type: none"> Golfito is a commercial and local administrative town. Many people visit the place to buy duty-free goods in the market. The profit is used by the local governments of the five cantons of the southern area. For instance, Golfito obtained \$ 127,722,900, and Osa \$ 85,148,600 from JUDESUR.
Education and Health Services	<ul style="list-style-type: none"> In the remote areas, accessibility to Primary School is not too bad (max 1h by boat). Students need to stay in town for high school. Distance education is also available in remote areas. 	<ul style="list-style-type: none"> Accessibility to school is similar as in the west coast of OSA Peninsula. Drug and prostitution problems have appeared in tourist areas. 	<ul style="list-style-type: none"> Accessibility to schools is similar to the west coast of OSA Peninsula. Drugs are being imported from Panama for business, this may become a serious situation in this area. Now there are rumors in village. 	<ul style="list-style-type: none"> A high level of social services is easily available. Drug and prostitution problems have appeared in town.
Access (Roads, Bridges)	<ul style="list-style-type: none"> In the rainy season, the roads are closed due to landslides, etc. 	<ul style="list-style-type: none"> In the rainy season, the roads are closed due to landslides, etc. 	<ul style="list-style-type: none"> In the rainy season, temporary wooden bridges in the villages collapsed. 	
Land		<ul style="list-style-type: none"> Most of the coastal land of the southern part of Puerto Jimenez is occupied by foreigners for tourism development or speculation. Flat land is occupied or rented by forest companies. 	<ul style="list-style-type: none"> Most of the land was occupied by foreigners in Zancudo. 	

3.4 TOURISM RESOURCES AND TOURISM DEVELOPMENT SITUATIONS

3.4.1 Tourism Resources

Corcovado and Golfito are located in the tropical climate zone, so that it has the advantage of rich tropical rain forest for the nature-oriented tourism. However, white sandy beaches for coastal and beach resort development are rather limited in the area.

The two major potential resources for tourism activities in the study zone are identified as the natural environment (marine, beach and terrestrial resources) and the cultural and historical resources in the local community.

(1) Potential Terrestrial Natural Resources

Most of the remaining forests in the area is tropical rain forest. The richest and most attractive forests are Corcovado National Park, Piedaras Blancas National Park and Gofu Dulce Forest Reserve.

Those forests are potential resources for nature oriented tourism activities as follows:

- Nature trail walks, bird watching, monkey/other animal watching,
- Tasting of natural fruits, etc.

1) Corcovado National Park

Corcovado National Park, which is identified as the major tourist draw for Corcovado-Golfito Area as new eco-tourism destination in Costa Rica, is located in the middle of the the Osa Peninsula.

2) Forest Reserves

A large part of the study area is covered by forest reserve areas. Those areas still retain rich forest resources, which have the potential to attract tourist activities. However, there is still logging activity in the forest reserve areas. Improper logging activities without monitoring and law enforcement are not only causing degradation of forest and surrounding natural resources, but also damaging the image of the ecotourism destination.

(2) Potential Coastal Natural Resources

The almost 234 km long beaches in the area are covered by black and gray sand or gravel. White sandy beaches are one of most important elements for international beach development.

(4) Scenery Resources

1) Panoramic View from Mountain and Headland

The panoramic views over the mountain range, long beaches and the big bays both on the Osa Peninsula and the mainland, are an attractive scenery resource. The parts of headlands are potential areas for small-scale development of observation/resting spots.

2) Mountain Scenery

The view of the green mountains of Corcovado National Park and the mainland side offers a good scenic value of tropical rain forest.

3) Views of Small Islands

Cano Island and other small islands accentuate the monotonous seascape and scenic value to the area. Those islands are also one of the most important resources in terms of scenery.

4) Sunset Views

Sunset views are often developed into one of the tourist attraction in many destinations. The north-western coasts, from Punta Caletes to Rio Claro are well-placed for good sunset views.

(5) Cultural and Historical Resources

Few major cultural and historical heritages remain in the study area. However, the daily life of the local community could be developed into attractive tourism activities as follows:

1) Orchard Visit

Many plantations with rich fruit resources are located in the area. Those resources can be developed into a tourist product of “orchard visit.”

2) Pasture

Part of the pasture land found in the area could be improved for tourism. It could provide potential for tourism activities such as horseback riding, finca visit, meet-the-people, home-hosted lunch, etc.

3) Local Villages

The beautification of Golfito, Jimenez, and Sierpe Towns and other village centers along the coast will have a potential for village tourism development. This would also create the

small-scale local economy and job opportunities, for example, restaurants, coffee shops and souvenir shops.

4) Fishing Villages

Fishing villages are currently scattered along many beaches. If some of them at scenic locations are reorganized with beautifications/ amenity provision, they may have a potential for “Fisherman’s Wharf-style complex of restaurants and souvenir shops.”

5) Indigenous Tribe Village and Culture

Indian Reservations are located in and surrounding the study area. Their handicrafts, traditional life style, and folklore are a potential resource to attract tourists.

6) Historical Heritage

Stone sphere, folklore and other heritage are also a potential resources for tourist attraction.

(6) Potential Tourism Resource Areas

In view of the natural, environmental and cultural resources, major accommodation development might result in potential areas for nature-oriented tourism in the following coastal areas:

- Drake and surrounding coast
- Sierpe and surroundings
- West coast of the Osa Peninsula (Puerto Jimenes to Playa Sombrero)
- Zancudo and eastern mainland coast

The potential areas for supporting development are identified as follows:

- Playa Mala and the surrounding northern beach
- Other camping and small scale accommodation in the access areas for Corcovado National Park (Carate/Rincon/etc.)

3.4.2 Existing Conditions of Tourism Facility Development

The tourism in Golfito Duty Free Zone and Paso Canoa border area are well developed, but the rest of the area in this planning unit has not seen much development. The total of hotel and accommodation in the area is 141 establishments and around 1320 rooms, which accounts for only around 4% of the national stock of 28,000 rooms in 1999. The average size of accommodation in the area is 9 rooms per establishment. Most of them are small-scale cabins and lodges, some of which are owned and/or operated by foreigners.

Table 3.4.1 Hotel and Accommodation in Cocovado-Golfito, 1999

Canton	Hotel/Accommodation		Rooms		Average
	Number	Share	Number	Share	Room/Hotel
Osa Canton	42	30%	433	33%	10
Main Land in Golfito	75	53%	724	55%	10
Peninsular of Golfito	24	17%	159	12%	7
Total	141	100%	1,316	100%	9

(1) Osa Canton

Accommodations located in Osa Canton amount to one third of the total capacity found in the study area. There are 42 establishments with 433 rooms, mainly small scale cabin operations located on Drake and Sierpe areas. Some parts of ZMT in the area, which are covered by regulatory plans, are subject to land speculation by real estate developers, who plan to use it for future resort and pensioner housing development.

(2) Mainland of Golfito

Around 55% of the accommodations are concentrated in Golfito and the mainland coast of Golfito Canton, where there are 75 establishments and 724 rooms at present. Most of the accommodations in Golfito town is used by domestic shopping tourists to the duty free shopping zone.

Hotel operators should prepare themselves to shift its market from domestic shoppers to nature-oriented tourists (mix of domestic and international tourists) when and if the duty free shopping center is closed.

Zancudo and long southern beaches are identified as having the best potential for coastal tourism development area in the future. This could be the accommodation base for sportfishing and other marine-oriented tourism.

(3) Peninsula of Golfito

The Golfito peninsula has only 12% of the total accommodations in the study area. It consists of 24 small establishments of 159 rooms.. Most of these establishments are located in Puerto Jimenez town and the surrounding coastal area.

The west coast of the Osa peninsula has a potential for accommodation base to broaden nature-oriented tourism in Corcovado.

3.4.3 Tourism Market Situations

Mixed international markets consisting principally of FIT and smaller groups (average 8/10 persons) are envisaged as follows:

- Hard-core (some soft-core) eco/nature tourists in Osa Peninsula (Corcovado National Park, Bahia Drake, etc.)
- Various activity-oriented tourists on the Golfo Dulce coasts (Zancudo and Puerto Jimenez for sportfishing and sea kayaking, Playa Pavones for surfing, etc.)

Polarization is observed in the accommodation facilities currently provided, with cabins/bungalows with basic amenities for hard-core eco/nature tourists at the one end and niche upmarket lodges with 5-star amenities (Lapa Rios in Cabo Matapalo and Aguila de Osa Inn in Bahia Drake are two good examples) at the other. Due to the constraints of poor access and consequential lack of medium-size hotels with 3/4-star amenities, the same distortion is noted here as in South Guanacaste in the market segment distribution, that is, the absence of an intermediate segment with a larger market base seeking soft-core eco/nature/adventure experience, yet demanding more than basic level of comfort in travel/amenities.

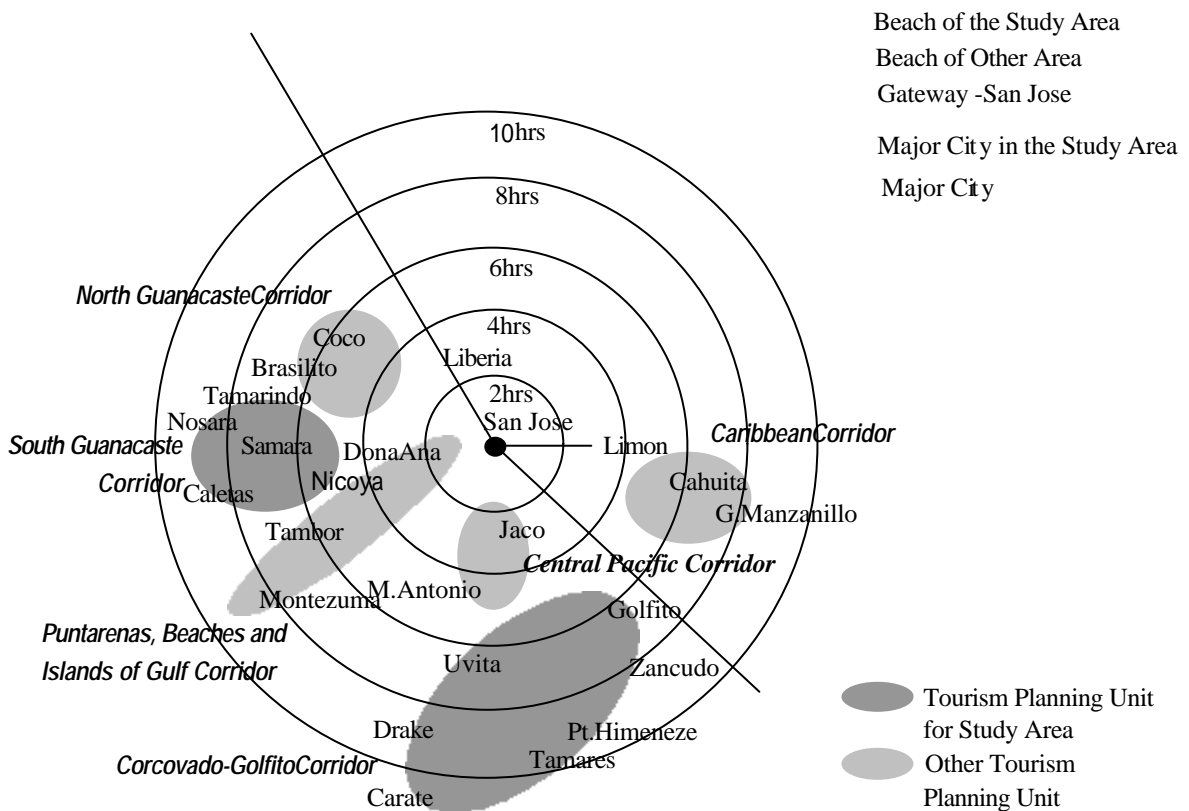
3.5 REGIONAL AND LOCAL ACCESS ROAD NETWORKS

3.5.1 Time and Distance for Access to Major Coastal Tourism Destinations

The accessibility to tourism destinations from gateways is one of the important factors determining tourism potential. The following is a summary of time-distance (travel time) analyses for major coastal destinations in Corcovado-Golfito:

- Even via the Inter-American Highway, it takes six hours to get to Golfito from San Jose. The journey from Golfito to Puerto Jimenez takes three hours by car. From Puerto Jimenez to Drake, it takes four hours by car. Almost all beaches in the Osa Peninsula are remotest destinations in Costa Rica, if one does not go by air.

Figure 3.5.1 Travel-Time Analyses of Costa Rican Beaches



3.5.2 Existing Roads in Corcovado-Golfito Tourism Planning Unit

- The road density of the study area is 0.4km/km², and the area has a comparatively low-density road network with several road extensions from major towns, such as Golfito and Palma Norte. 92% of the roads are not paved.
- The trunk roads account for 8.3% of the total length of road (1,500km).
- Dirt roads have adversely affected the study area not only in terms of regional economy but also natural environment, especially in the rainy season.
- The road network has a number of bottlenecks, such as narrow bridges or roads crossing rivers without bridges.
- Tour operators bring their guests to coastal areas of the Osa Peninsula by airplane and/or boat, because the local roads conditions are bad, and because access from San Jose is also bad.

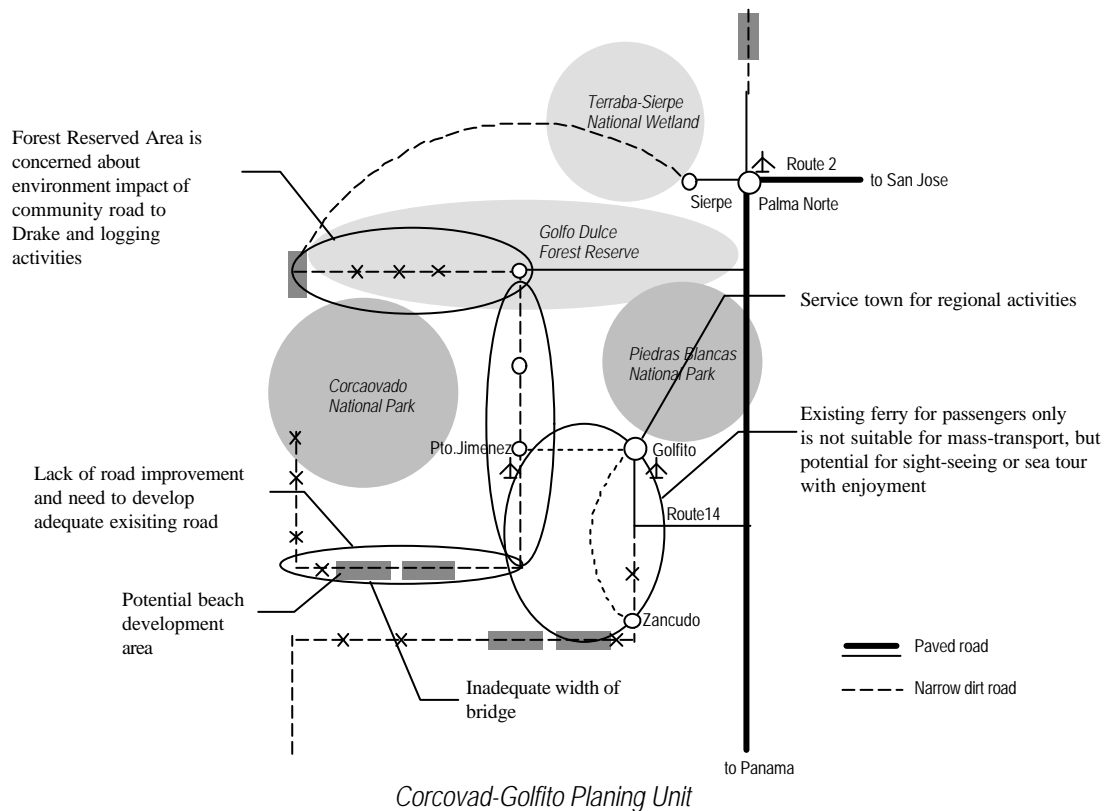
Table 3.5.1 Road network conditions in the Study Areas

Tourism Planning Unit	Road Surface		Road Density km per km ²
	Paved	Non-paved	
Corcovado-Golfito	8 %	92%	0.4

Note: Some Canton extends beyond the Study Area.

Source: The JICA study team's compilation based on the data from Cantones de Costa Rica 1992.

Figure 3.5.2 Existing Road Network in Corcovado-Golfito



Appendix 4

TECHNICAL NOTES ON TOURISM DEMAND FORECAST

4.1 Demand Forecasts for International Tourist Arrivals to Costa Rica

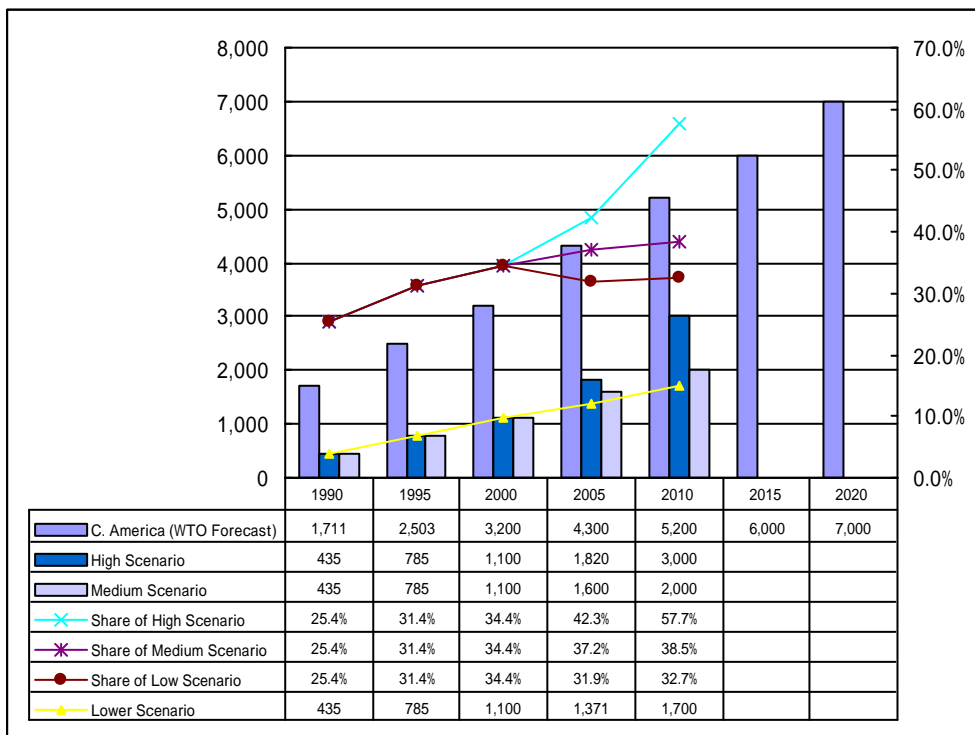
The data for international tourist arrivals into Costa Rica and its annual growth rate over the past years in each period of First Growth, Stagnation and after Stagnation are shown below:

	tourist arrivals (1,000)	average annual growth rate (%)
End of Pioneer Period: 1987	278	
End of First Growth Period: 1994	761	13.4%
End of Stagnation Period: 1997	811	2.1%
Current: 1999	1,028	12.5%
		6.2%
		10.6%

- **Forecast 1 (Highest Growth Trend): 4.1 million** international tourist arrivals
Based on an annual growth rate of 13.4% between 1987 and 1994
 $1.028 \times (1 + 13.4\%)^{11} = 4.1$ million
- **Forecast 2 (Second Highest Growth Trend): 3.8 million** international tourist arrivals
Based on an annual growth rate of 12.5% between 1997 and 1999
 $1.028 \times (1 + 12.5\%)^{11} = 3.8$ million
- **Forecast 3 (High Growth Trend): 3.1 million** international tourist arrivals
Based on an annual growth rate of 10.6% between 1987 and 1999
 $1.028 \times (1 + 10.6\%)^{11} = 3.1$ million
- **Forecast 4 (Mid Growth Trend): 2.0 million** international tourist arrivals
Based on an annual growth rate of 6.2% between 1994 and 1999
 $1.028 \times (1 + 6.2\%)^{11} = 2.0$ million

- **Forecast 5 (Lowest Growth Trend): 1.3 million** international tourist arrivals
Based on an annual growth rate of 2.1% between 1994 to 1997
 $1.028 \times (1 + 2.1\%)^{11} = 1.3 \text{ million}$
- **Forecast 6 (Past 10 Years Regression): 1.7 million** international tourist arrivals
This forecast is based on the past 10 years data (1989-1999) of international tourist arrivals in Costa Rica with “Forecast Formula”. As a result, annual growth rate of international tourist arrivals will be 4.5%.
- **Forecast 7 (Share of Tourist Arrivals to Central America): 1.6 million** international tourist arrivals
The share of international tourist arrivals to Costa Rica in Central America in 1995 was 31.4% (See Figure 4.1). This forecast assumes that Costa Rica will maintain its share of the Central American international tourist market.
 $5.200 \times (31.4\%) = 1.6 \text{ million}$

Figure 4.1.1 Share of International Tourist Arrivals to Costa Rica as percentage of International Tourist Arrivals to Central America



Source: Statistical Yearly Tourism Report 1998, ICT, Global Tourism Forecast to the Year 2020 by WTO, and Study Team

4.2 Alternative Projections for International Tourist Arrivals to Costa Rica

Forecast 1 and Forecast 2 of the above demand forecasts are rejected because forecasted international tourist arrivals are too large in relation to the 1.0 million international tourist arrivals in 1999. Forecast 7 is also rejected because the number of international tourist arrivals is similar to Forecast 6. As a result, the following five projections for international tourist arrivals are provided:

Table 4.2.1 Alternative Projections of International Tourist Arrivals to Costa Rica

Unit: million tourists

Projection	Types of Projection	Basic Year	Short-Term	Mid-Term	Annual Average	Reference Years
		1999	2005	2010	Growth Rate	
Projection 1	High Growth Trend	1.0	1.9	3.1	10.6%	1987-99
Projection 2	Mid Growth Trend		1.5	2.0	6.2%	1994-99
Projection 3	Mid Logistic Growth		1.6	2.0	Logistic	1994-99
Projection 4	Lower Growth Trend		1.4	1.7	4.5%	1989-99
Projection 5	Lowest Growth Trend		1.2	1.3	2.1%	1994-97

Source: JICA Study team's projections using the statistical data of ICT

The JICA study team rejects Projection 1 (with the target of 3 million in 2010) and Projection 5 (with the target of 1.3 million in 2010) because 3 million is so large that Costa Rica's share in the Central America's international tourist arrivals would be excessively high considering the world market situation. The Costa Rican share of inbound international tourists on Projection 1 is increasing from 35% in 1995 to 60% in the year 2010. (See Figure 4.1) In addition, Costa Rica cannot provide enough accommodation facilities and human resources to support such rapidly increasing tourism demands. On the other hand, 1.3 million is too low as a target number in view of the efforts of the Costa Rican tourism sector, when compared with 1.0 million international tourist arrivals in 1999.

The difference between Projection 2 and Projection 3 is the shape of the growth curve. In Projection 3, higher growth rates are set in the beginning than Projection 2. Since Projection 3 is more likely than Projection 2, Projection 2 is rejected.

4.3 Alternative Scenarios for National Tourism Development

To compare the two remaining projections, Projection 3 (2.0 million in 2010) and Projection 4 (1.7 million in 2010), the significance of the difference in the target numbers in 2010 needs

to be considered. The distribution of tourist arrivals among tourism regions is especially important.

With the combination of projections, four scenarios for national tourism development are identified, as shown in Table 4.2. Scenario 2 with Projection 3 (2.0 million international tourist arrivals in 2010) is recommended.

Table 4.3.1 Alternative Scenarios of National Tourism Development in Costa Rica

Scenario	Projection	Types of Scenario
Scenario 1	Projection 1 High Growth 3.0 million in 2010	Development scenario of excessive size and speed
Scenario 2 (Recommended)	Projection 3 Medium Growth 2.0 million in 2010	Scenario for promoting wider eco/nature-based tourism combined with “sun and beach” and other types of tourism, diversifying tourism products on offer and destinations outside the already developed tourism regions.
Scenario 3	Projection 4 Lower Growth Trend 1.7 million in 2010	Scenario relying on development of ecotourism destinations and North Guanacaste beaches
Scenario 4	Projection 5 Lowest Growth Trend 1.3 million in 2010	Scenario aimed at development of ecotourism destinations more than other general interest tourism

It might be argued by some people that 2 million international tourist arrivals or a doubling of tourist arrivals in 10 years is too rapid a growth to sustain the environment and communities, as well as the tourism industry. However, considering the necessary and likely improvement in business operation of the tourism industry, the present Costa Rican tourist hotels and cabins, which now accommodate 1.0 million international tourists, can absorb as many as 1.2 million tourists. This means that the incremental volume of international tourists in 2010 from 1999 is 0.5 million in the case of Projection 4, and 0.8 million in the case of Projection 3.

This difference in the total target number of international tourists has a significant impact on the development of some potential regions, which are still underdeveloped, as shown in the comparison between Scenario 3 and Scenario 2.

The 2010 target number of 1.7 million set by Scenario 3 with Projection 4 is based on the following regional distribution of international tourist arrivals:

- Moderate increase in number of tourists to the existing much visited ecotourism destinations,
- More development (with high growth rates) in North Guanacaste's beach destinations, and
- Slight growth in other less visited tourism regions.

The 2010 target number of 2.0 million set by Scenario 2 with Projection 3 is based on the following regional distribution of international tourist arrivals:

- Moderate increase in number of tourists (with mid growth rates) to the existing tourist destinations,
- More development (with high growth rates) in North Guanacaste's beach destinations, and
- More development (with medium growth rates) in other coastal tourism regions, such as South Guanacaste and Corcovado-Golfito

Scenario 2 with Projection 3 (2 million) tries to diversify tourism products and destinations for promoting "nature and activity tourism." Scenario 2 would have larger impacts on regional tourism development outside the already developed ecotourism sites and beach resorts.

On the other hand, with the target of 1.7 million international tourist arrivals set in Scenario 3 with Projection 4, the tourist demands are not large enough to stimulate the presently underdeveloped tourism regions. Scenario 3 does not allow for the promotion of tourism development in the regions outside the existing tourist destinations. As a result, more congestion in the already developed ecotourism sites and on the now developing North Guanacaste beaches would occur.

4.4 Projections of Domestic Tourist Generation

The data for domestic tourist activity is not available in Costa Rica. The strategic tourism development plan in 1992 forecast domestic tourist activity as follows,

- 1993 Estimate by Master Plan: 0.54 million (18% of national population)
- 1998 Forecast by Master Plan: 0.76 million (23% of national population)

The increase in domestic tourism is estimated at around 7% per annum, which is almost the same as the average annual increase of the GDP.

In order to set the target for 2010, domestic tourist generation could be forecast on the basis of three scenarios: growth of the national GDP, GDP per capita growth, and population

growth per annum, which are estimated from the trends over the past 10 years from 1987 to 1997, as follows:

	Basis for forecast	estimated domestic tourists
- Projection 1 (High Growth):	7.0% GDP growth per annum	1.7 million tourists
- Projection 2 (Mid Growth):	4.8% GDP/capita growth per annum	1.3 million tourists
- Projection 3 (Low Growth):	2.2% Pop. growth per annum	1.0 million tourists

The Growth ratio of disposable family income is usually identified as the biggest factor in determining the number of domestic tourists in developing countries. However, trend data for disposable family income structure is not available in Costa Rica. Given the available data, the GDP per capita growth ratio could be the factor most closely related to the disposable income.

In view of the above, the middle scenario of 1.3 million tourists based on the GDP/capita is selected as the most appropriate target for domestic tourist generation.

4.5 Setting of Strategic Target for Major International Market Region

The share of inbound international tourists into Costa Rica from the major international tourism market regions, Northern/Central/Southern America and Europe, did not change between 1992 and 1999.

The targeted share for Europe in the 1992 strategic plan anticipated more than double the 1992 share by 1998. The figure for tourist arrivals from Europe in 1998 was set at around 4 times the actual 1992 figure. This growth could not be realized until 1999. After the stagnation of international tourism in Costa Rica, Costa Rican tourism image and products started to shift to “nature with activity ” and “sun/beach market” tourism. However, the sun/beach market for long haul destinations in Europe market region is limited at present. It should be kept in mind that Europe also has many, varied sun/beach destinations which are short/mid haul destinations. For the European market, the 2010 share for the region could be increased to 15% or more by effective promotion activities. But, a 31% share is too high a target figure. The middle figure of 22% is a foreseeable target for Costa Rica.

On the other hand, the sun/beach and general interest market in Northern America has huge potential. The present share of 45% could be maintained by up-grading tourism promotion activities.

Regional tourists from Central American countries constitute more than 30% of total international tourist arrivals. However, around half of Central American “tourists” are Nicaraguans, whose major travel objective is to look for work (migration). The share excluding Nicaraguan migrants is shown in *2 of the following table. The regional tourist arrivals will increase continuously as a result of the economic imbalance between Costa Rica and the other countries. However, the rate of increase in the number of regional tourists will be lower than 6.4% per annum of the national target for international tourist arrivals.

Table 4.5.1 Trend and Target Share of International Tourist Arrivals by Major Market Region

	`92 Actual		`98 targeted (`92 M/P)	`99 Actual		2010 target		
	*1	*2		*1	*2	*1	*2	Tourist (1,000)
Northern America	45%	48%	43%	45%	49%	45%	48%	900
Central American	31%	26%	19%	31%	25%	24%	19%	480
share of Nicaraguan migrant	6%			8%		6%		(120)
Caribbean	1%	1%	1%	1%	1%	1%	1%	10
Southern America	7%	7%	6%	7%	8%	7%	7%	140
Europe	14%	15%	31%	14%	15%	22%	23%	440
Other	2%	2%	1%	2%	2%	2%	2%	30
Total	100%	100%	100%	100%	100%	100%	100%	2,000

*1: shares include the major migrants from Nicaragua

*2: shares exclude the major migrants from Nicaragua

**Table 4.5.2 Interview for Purpose of Visit for 319 Nicaraguan Tourist:
Pennas Blancas Border, Nov. 1999**

Purpose of Visit	% of Interviewees
Pleasure /or rest	10.4%
Visit to family or friends	37.0%
Purchases	3.8%
Work	40.8%
Study	3.5%
Other reasons	4.5%
Total	100.0%

Source: Memorandum from ICT

4.6 Setting of Targeted Length of Stay: 23 million tourist nights

The trend for the average length of stay of Northern America and European tourists, who constitute the major market, is not expanding. The length of stay of Europe tourist visits to Costa Rica will be below the figure set in the 1992 Strategic Master Plan.

The target length of stay should be adjusted to 11.5% in the light of the current situation. The target tourist nights in Costa Rica are estimated as 23 million in 2010.

Table 4.6.1 Trend and Targets of Length of Stay for International Tourist

Average nights/tourist	'92 S.N.D. Plan	Actual/target
1993	9.4	
1998	12.0	10.8
2010 Target		11.5

Source: Strategic National Development Plan for Sustainable Costa Rica '92, Tourism Statistical Yearly Report 1998, and Study Team

4.7 Setting of Target Tourist Expenditure: US\$ 3 billion in 2010

The worldwide disposable household income will not increase under the current economic situation. The expenditure estimated for '98 in Costa Rica by ICT was US\$95.6 per tourist per day, which was a 4.5 % increase per annum on 1996. However, the 1992 plan anticipated an annual rate of increase of 3% in the target tourist expenditure in 1998.

In the light of the above, the target tourist expenditure for 2010 is proposed to be US\$ 130 per tourist per day (2.6% per annum). Yearly total tourist expenditure is estimated at US\$ 3 billion in the target year (US\$ 130 X 23 million tourist nights = US\$ 2.99 billion)

Table 4.7.1 Trend and Target of Expenditure for International Tourist

(unit: US\$/day/tourist)	'92 S.N.D. Plan	Actual/target
1993	76.8	
1996	84.0	86.3
1998 Target/Actual	89.1(3.0%)	95.6(4.5%)
2010 Target		130.0 (2.6%)

Source: Strategic National Development Plan for Sustainable Costa Rica '92, Tourism Statistical Yearly Report 1998, and Study Team

(Price in relation to the quality of services in Costa Rica appears expensive compared with major tourism destinations in the world at present. Accommodation and other tourism facilities should not only be improved but also, their prices **should** be carefully set and controlled to maintain Sustainable Tourism in Costa Rica in view of the many competing world nature tourism destinations)

4.8 Setting of Target Share of Hotel and Accommodation User Ratio: 1.3 million Hotel Guest Arrivals and 15 million Hotel Guest Nights

The share of tourists who used hotel and accommodation is estimated at around 50% of 1993 international tourists based on the target figures of the 1992 plan.

On the other hand, according to the results of the ICT yearly interview survey at the airport, the tourist share using hotel and accommodation was around 70% of respondents (85%: excluding Central Americans). The tourist share of air transport arrivals was around 70% of total tourist arrivals. The minimum user ratio of hotel/accommodation can be estimated at more than 50% (70% X 70% = 49%) of tourists.

The future target to 2010 could be set at 65% of total tourist arrivals, which is higher than the 1998 target on the 1992 plan.

The target hotel guest arrivals and guest nights are estimated at around 1.3 million hotel guest arrivals and 15 million guest nights in 2010.

Table 4.8.1 Trend and Target Share of Hotel/Accommodation User

	'92 S.N.D. Plan	Target
1993	50%	
1998 Target	60%	
2010 Target		65%

Source: Strategic National Development Plan for Sustainable Costa Rica '92, Yearly tourist interview survey at airport by ICT, 1998, and Study Team

4.9 Number of Tourists per Room

The data for the present condition of accommodation (using person per room) is not available.

For international tourist activities in the world, 1.5 to 1.7 persons per room are commonly used. For domestic tourists, 3.5 persons per room is understood to be the present condition from the interviews on the field survey trip. However, 3.5 persons per room for domestic tourists will be reduced by urbanization trends and changing social structure and life style.

Table 4.9.1 Number of Tourists per Room

(tourist per room)	International	Domestic
1998 Present	1.7	3.5
2010 Target	1.7	1.9

Source: Study Team

4.10 Target Room Occupancy Rate

The available data for room occupancy rate is limited in the country. The room occupancy rate of 3,894 rooms of one to five star hotels in the central valley is estimated at around 50.6% by 'Tourism Statistical Yearly Report'. The remaining 8,400 rooms of accredited hotels by ICT would be expected to slightly lower occupancy rate being more remote from the gateway than the central valley. The other 15,800 rooms of non-accredited hotels would be guesstimated to be lower than the above occupancy rate.

For the future, 60% of room occupancy rate is the required target, which would be slightly higher than the break-even point of all hotel and accommodation operations.

1. Estimated average yearly room occupancy rate at present: 45%
2. Target Room Occupancy Rate: 60%
(Others for budget tourist and domestic tourist: 50%)

4.11 Target Hotel Rooms: 52,000 rooms in 2010 (24,000 additional rooms)

The required and targeted total of future hotel/accommodation rooms in the year 2010 is estimated at around 52,000 by the above mentioned targets.

The additional hotel and accommodation is 24,000 rooms within the 11 years up to 2010. On the other hand, major parts of the existing stock of lower class hotel/accommodation should be renovated and up-graded to adapt to the international standards within the period. Target Hotel Rooms are estimated as following procedure.

Table 4.11.1 Procedure of Target Setting for Accommodation Development in Costa Rica

	International	Domestic	Total	Note
1. Target Tourist Arrivals (million)	2.0	1.3	3.3	
2. Average Length of Stay	11.5	3.0	14.5	
3. Tourist Night (million)	23.0	4.0	27.5	3=1X2
4. Hotel Accommodation User Ratio	65%	100%	72%	
5. Hotel Guest Arrival (million)	1.3	1.3	2.6	5=1X4
6. Hotel Guest Night (million)	15.2	3.9	19.1	6=3X4
7. Person per Room	1.7	2.0	1.8	
8. Target Room Occupancy (yearly average)	60%	50%	58%	
9. Target Hotel Accommodation Room	41,000	11,000	52,000	9=6/7/365/8

4.12 Distribution of Target Hotel Rooms to the Tourism Regions

52,000 rooms of the national target hotel development are distributed among 9 tourism regions, as identified in the 1992 Master Plan, by the review of priority tourism development regions, national tourism development direction and policy with ICT. The result of target hotel room distribution is as follows,

Table 4.12.1 Distribution of Target Hotel Rooms to Tourism Regions

	'98 target by M.P.	(share)	'99 present rooms	(share)	2010 Target	(share)	Additional increment	(share)
Total	30,668	100%	28,000	100%	52,000	100%	24,000	100%
1. Central Valley	12,637	41%	9,000	32%	17,300	33%	8,300	35%
2. North Llanuras	863	3%	2,300	8%	2,900	6%	600	3%
3. North Guanacaste	3,461	11%	3,700	13%	7,800	15%	4,100	17%
4. South Guanacaste	801	3%	900	3%	2,600	5%	1,700	7%
5. Caribbean	3,984	13%	4,000	14%	6,200	12%	2,200	9%
6. Puntarenas	3,100	10%	2,500	9%	3,600	7%	1,100	5%
7. Central Pacifico	3,951	13%	3,200	11%	7,000	13%	3,800	16%
8. Corcovado-Golfito	1,384	5%	1,900	7%	4,000	8%	2,100	9%
9. Monteverde	487	2%	500	2%	600	1%	100	0%

Central Valley, North Guanacaste, Caribbean, and Central Pacific tourism regions are identified to be major leading tourism regions in Costa Rica up to 2010. On the other hand, tourism development for the next ten years are set for Central Valley, North Guanacaste, and Central Pacific as high priority regions and for Corcovado-Golfito, Caribbean and South Guanacaste as secondary priority tourism regions.

South Guanacaste could not be identified as a major priority tourism corridor. But the share of hotel rooms will increase from 3% at the present to 5% in 2010 and the share of additional hotel rooms is 7% of the national total, based on the influence of North Guanacaste Tourism Corridor development.

Corcovado-Golfito Tourism Corridor is currently identified as an Eco-Tourism destination. Tourism resources of the region are not only for Eco-Tourism but also for diversified nature oriented activities. Corcovado National Park in the region could support eco/nature tourism and substitute for excessive demand at Monteverde. The share of hotel rooms should increase from 7% at the present to 8% in 2010 and the share of additional increment hotel rooms is 9% of the national total.

Appendix 5

SUB-CONTRACTED SURVEYS AND SMALL STUDIES CONDUCTED AS A PART OF THE JICA STUDY

5.1 Sub-Contracted Surveys

5.1.1 Tourism Facility Inventory and Questionnaire Survey

The objective of this survey is to understand the present conditions of tourism related facilities in the study area through questionnaire survey.

The questionnaire covers the following items:

- 1 General Information
- 2 Facilities Conditions and Utilization
 - Scale and Contents of Facilities
 - Character of Major Guests
 - Infrastructure Condition
- 3 Constraints and Issues
 - Business Management Issues
 - Operational Issues
 - Human Resources Issues
 - Infrastructure Issues
 - Environmental / Social Issues
- 4 Free Opinion about all issues

Inventory of tourism facilities was elaborated, which included accommodation facilities, such as hotels and cabins, and tourism related enterprises, such as travel agents, restaurants, transportation enterprises, including unregistered facilities.

5.1.2 Water Quality Survey

The objective of this survey is to understand present conditions of groundwater quality and river water quality in the study area as basic information for tourism development planning.

Water samples have been taken at wells of hotels or lodges and community wells managed by CAARS, in main coastal tourist sites. River water has also been sampled at main rivers. The laboratory test covered the following items:

- | | |
|--|--|
| <input type="checkbox"/> pH | <input type="checkbox"/> Hardness Calcium Hardness |
| <input type="checkbox"/> Real color | <input type="checkbox"/> Magnesium Hardness |
| <input type="checkbox"/> Temperature | <input type="checkbox"/> Calcium Magnesium |
| <input type="checkbox"/> Turbidity | <input type="checkbox"/> Chloride |
| <input type="checkbox"/> Electrical conductivity | <input type="checkbox"/> Total Iron |
| <input type="checkbox"/> Total Alkalinity | <input type="checkbox"/> Sodium |
| <input type="checkbox"/> Total Carbonates | <input type="checkbox"/> Sulfates |
| <input type="checkbox"/> Total Bicarbonates | <input type="checkbox"/> Total Coliforms |
| <input type="checkbox"/> Total Hardness | <input type="checkbox"/> Faecal Coliforms |
| <input type="checkbox"/> Carbonated Hardness | |
| <input type="checkbox"/> Non Carbonated | |

5.1.3 GIS Data Processing to Establish GIS Data Base and Print Outs

The objective of this sub-contract is to carry out data processing and print outs in order to establish a GIS database for land use planning. This sub-contract consists of the following work items:

- (1) Establishing working maps and print outs based on the GIS database established by TERRA project
- (2) Digitizing land use plans map
- (3) Edge matching land use plans map and establishing GIS database
- (4) Printing out land use plan maps including the following:
 - 1) General Map for Demarcation, Declaration and Regulatory Plans
 - 2) Thematic Maps (five kinds)
 - 3) Proposed Land Use Plan Maps

5.2 Small Studies/Surveys Conducted as a Part of the JICA Study

5.2.1 Wild Cetaceans and Tourism Activities

Wild cetaceans were studied including the following items:

- Species, abundance and distribution of Cetacean and other marine mammals in the study area and similar but more general information for the Pacific coast of Costa Rica. Information on the conservation status of these species, on a national, regional and international level is included.

- Basic biology for each species, including migrations and breeding seasons and location, food species and feeding areas.
- Threats to marine mammal populations such as pollution, boating and fishing activities inside and outside the study area.
- Identification of sensitive areas where special control of coastal activities should occur and locations where viewing by tourists might be suitable.
- Summary of legislation relevant to management of marine mammal populations and proposed amendments or additions.
- Brief guidelines for sustainable tourist activities that concern marine mammals, particularly whale and dolphin watching from small boats.

In addition, a data base was made based on collected information and utilized for land use planning.

5.2.2 Marine Turtles

Marine turtles were studied including the following items:

- Species, abundance and distribution of turtles in the study area and in particular a list of beaches and their intensity of use by turtles for breeding
- Basic biology for each species, including migrations and breeding seasons, food species and feeding areas
- Threats to turtle populations such as lights, river engineering works, pollution, predation/harvesting, boating and fishing activities, disturbance by tourists etc.
- Identification of sensitive areas where special control of development and human activities should occur and locations where viewing by tourists might be suitable
- Summary of legislation relevant to management of turtle populations and proposed amendments or additions
- Brief guidelines for sustainable tourist activities related to turtles and on physical development adjacent to turtle nesting beaches.

In addition, a data base was made based on collected information and utilized for land use planning.

5.2.3 Biological Aspects of the Maritime Terrestrial Zone

Flora and Fauna of the Pacific Coast of Costa Rica, particularly in the study areas, have been studied based on documents of existing regulatory plans.

The study covers the following topics:

- Descriptions of coastal habitats including dominant species
- Habitat types found in different locations of the study areas
- Flora found in different locations of the study areas
- Fauna found in different locations of the study areas
- Scientific, English and Spanish names for important species of flora and fauna with status (common, rare, endangered, etc)

5.2.4 Groundwater Resources in South Guanacaste

Groundwater resources in South Guanacaste have been studied based on the existing information, in order to make assessment of the water quantity available to supply water to prospective tourism facilities, and to recommend the type of development according to the water resources.

The study consists of the following items:

- Geological conditions
- Aquifer definition
- Pumping tests analysis
- Groundwater recharge estimate to assess the available ground water
- Conclusions and recommendations

5.2.5 Coastal Geomorphology

A coastal geomorphology study has been carried out based on aerial photographs and field observations. The survey includes the following items:

- Geomorphologic characterization of coast
 - Cliffs and paleo-cliffs
 - Abrasion platform
 - Types of beaches (sand, gravel, mud, mixed)
 - Identification of reefs
- Delimitation of mangrove areas
- Identification of currents and dangerous beaches

5.2.6 Coastal Communities

Field observation and hearings in coastal communities have been carried out, in order to understand the socio-economic situation on coastal communities.

The following items were surveyed:

Population /Household	<ul style="list-style-type: none"> - Population, Population by age - Number of household, Average size of households
Economic activities	<ul style="list-style-type: none"> - Income - Main industry - Location of work place
Educational situation	<ul style="list-style-type: none"> - Educational level, quality of education - Location/number of schools
Public/community facilities	<ul style="list-style-type: none"> - Religious facilities - Parks and open spaces (plaza, football field etc.) - Community facilities - Medical facilities - Commercial facilities (market etc.)
Social activities	<ul style="list-style-type: none"> - Community activities/Organizations
History of village	<ul style="list-style-type: none"> - Derivation of village name - Origin of people/ year of establishment - History of industry - Population/number of households
Property ownership	<ul style="list-style-type: none"> - Squatter
Transportation	<ul style="list-style-type: none"> - Transportation situation in the rainy season - Public transportation services, bus routes, frequency - Ways of commuting
Tourism	<ul style="list-style-type: none"> - Tourism development - Conflicts between tourists and local people
Problems, opinion, requests of village people	<ul style="list-style-type: none"> - Opinion on tourism development /relation with regulatory plans - Dissatisfaction/problems - Requests to local/central government

Appendix 6

STAKEHOLDER MEETINGS IN SOUTH GUANACASTE

6.1 The First Round of Stakeholder Meetings

The objectives of the first round of stakeholder meetings were as follows:

- To create a partnership among stakeholders including ICT,
- To enable each stakeholder to understand each other's interests and problems,
- To create a mechanism to discuss common issues and different opinions among stakeholders, and
- To reflect stakeholders' opinions and information on general land use plans and tourism development plans

The study team held the following stakeholder meetings in the study area:

Date		Place
March 31, 2000	Stakeholder Meeting for Nicoya Canton	Nicoya
April 1, 2000	Stakeholder Meeting for Nandayure Canton	Carmona

6.2 The Second Round of Stakeholder Meetings

The objectives of the second round of stakeholder meetings were as follows:

- To create a partnership among stakeholders including ICT,
- To enable stakeholders to understand each other's interests and problems,
- To create a mechanism for discussing common issues and sharing opinions among stakeholders, and
- To reflect stakeholder opinions and information on general land use planning and tourism development planning

The JICA study team and ICT counterparts held the following stakeholder meetings in the study area:

Date	Stakeholder Meetings	Place
June 29, 2000	Stakeholder Meeting for Nicoya Canton and Santa Cruz Canton	Samara
July 1, 2000	Stakeholder Meeting for Nandayure Canton and Cobano District of Puntarenas Canton	Jabilla

In this second series of stakeholder meetings the JICA study team presented three kinds of ideas for actions or plans from three perspectives, namely tourism development, local socio-economic development and natural resources management. The participants in the meetings gave a variety of comments and opinions to the JICA study team based on their local knowledge and visions. Their local knowledge and visions deepened and broadened the planning outputs of the JICA study team very significantly.

At the same time, the stakeholder meetings themselves started a process of planning and action for tourism development, local development and natural resources management. Some of the participants were extremely interested in continuing the process. For example, in the Samara meeting, the participants would like to organize a local committee to coordinate and plan the actions of stakeholders.

In the second series of stakeholder meetings, the topics and subjects of discussion were still very wide-ranging. In the next stage of the stakeholder meetings more attention should be paid to the general land use plan, and to the necessary actions in relation to land use management based on the general land use plan.

6.3 The Third Round of Stakeholder Meetings

The objectives of the third round of stakeholder meeting were as follows:

- To have stakeholder meeting at first visit place
- To discuss about the regional interests and problems
- To establish and create the meetings by ICT counterparts

The JICA study team and ICT counterparts held the following stakeholder meetings in the study area:

Date	Stakeholder Meetings	Place
October 18, 2000	Stakeholder Meeting for Santa Cruz Canton	San Juanillo
October 20, 2000	Stakeholder Meeting for Cobano District of Puntarenas Canton	Santa Teresa

6.4 The Fourth Round of Stakeholder Meetings

The objectives of the fourth round of stakeholder meetings were as follows:

- To discuss about the regional and community development
- To establish and create the meetings by ICT counterparts

The JICA study team and ICT counterparts held the following stakeholder meetings in the study area:

Date	Stakeholder Meetings	Place
November 8, 2000	Stakeholder Meeting for Santa Cruz Canton	San Juanillo
November 9, 2000	Stakeholder Meeting for Cobano District of Puntarenas Canton	Santa Teresa

6.5 The Fifth Round of Stakeholder Meetings

The objectives of the fifth round of stakeholder meetings were as follows:

- To present the General Land Use Plans by ICT counterparts
- To present about the establishment of ALDETUS and its activities so far by ALDETUS members in Santa Teresa
- To establish and create the meetings by ICT counterparts

The JICA study team and ICT counterparts held the following stakeholder meeting in the study area:

Date	Stakeholder Meetings	Place
December 9, 2000	Stakeholder Meeting for South Guanacaste	Nicoya

Appendix 7

STAKEHOLDER MEETINGS IN CORCOVADO-GOLFITO

7.1 The First Round of Stakeholder Meetings

The objectives of the first round of stakeholder meetings were as follows:

- To create a partnership among stakeholders including ICT,
- To enable each stakeholder to understand each other's interests and problems,
- To create a mechanism to discuss common issues and different opinions among stakeholders, and
- To reflect stakeholders' opinions and information on general land use plans and tourism development plans

The study team held the following stakeholder meeting in the study area:

Date	Stakeholder Meeting	Place
April 7, 2000	Stakeholder Meeting for Golfito Canton and Osa Canton	Golfito

7.2 The Second Round of Stakeholder Meetings

The objectives of the second round of stakeholder meetings were as follows:

- To create a partnership among stakeholders including ICT,
- To enable stakeholders to understand each other's interests and problems,
- To create a mechanism for discussing common issues and sharing opinions among stakeholders, and
- To reflect stakeholder opinions and information on general land use planning and tourism development planning

The JICA study team and ICT counterparts held the following stakeholder meetings in the study area:

Date	Stakeholder Meetings	Place
July 11, 2000	Stakeholder Meeting for Osa Canton	Sierpe
July 12, 2000	Stakeholder Meeting for Golfito Canton	Pt. Jimenez

In this second series of stakeholder meetings the JICA study team presented three kinds of ideas for actions or plans from three perspectives, namely tourism development, local socio-economic development and natural resources management. The participants in the meetings gave a variety of comments and opinions to the JICA study team based on their local knowledge and visions. Their local knowledge and visions deepened and broadened the planning outputs of the JICA study team very significantly.

At the same time, the stakeholder meetings themselves started a process of planning and action for tourism development, local development and natural resources management. Some of the participants were extremely interested in continuing the process. For example, in the Samara meeting, the participants would like to organize a local committee to coordinate and plan the actions of stakeholders.

In the second series of stakeholder meetings, the topics and subjects of discussion were still very wide-ranging. In the next stage of the stakeholder meetings more attention should be paid to the general land use plan, and to the necessary actions in relation to land use management based on the general land use plan.

7.3 The Third Round of Stakeholder Meetings

The objectives of the third round of stakeholder meeting were as follows:

- To have stakeholder meeting at first visit place
- To discuss about the regional interests and problems
- To establish and create the meetings by ICT counterparts

The JICA study team and ICT counterparts held the following stakeholder meetings in the study area:

Date	Stakeholder Meetings	Place
September 28, 2000	Stakeholder Meeting for Golfito Canton	Pavones
September 30, 2000	Stakeholder Meeting for Osa Canton	Drake

7.4 The Fourth Round of Stakeholder Meetings

The objectives of the fourth round of stakeholder meetings were as follows:

- To discuss about the regional and community development
- To establish and create the meetings by ICT counterparts

The JICA study team and ICT counterparts held the following stakeholder meetings in the study area:

Date	Stakeholder Meetings	Place
November 22, 2000	Stakeholder Meeting for Osa Canton	Drake
October 20, 2000	Stakeholder Meeting for Golfito Canton	Pto. Jimenez

7.5 The Fifth Round of Stakeholder Meetings

The objectives of the fifth round of stakeholder meetings were as follows:

- To present the General Land Use Plans by ICT counterparts
- To present about the establishment of ALDETUS and its activities so far by ALDETUS members in Puerto Jimenez
- To establish and create the meetings by ICT counterparts

The JICA study team and ICT counterparts held the following stakeholder meetings in the study area:

Date	Stakeholder Meetings	Place
December 13, 2000	Stakeholder Meeting for Drake	Drake
December 14, 2000	Stakeholder Meeting for Corcovado-Golfito	Golfito

Date: Mar. 31, 00
Place: NICOYA

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	Roxana Morales Cernas	Secretary MTZ Dept. - Santa Cruz	Santa Cruz	GOV	Trabajo : 680-0101 Residencia :	s / n
2	Edwin Ortiz Ortiz	Chief MTZ	Santa Cruz	GOV	Trabajo : 680-0101 Residencia :	s / n
3	Carlos Esquivel	CASATUR	Sámara	TOUR	Trabajo : 656-0037 Residencia :	s / n
4	Roy Muñoz S.	Super Sámara Tour (Tour guide)	Sámara	TOUR	Trabajo : 656-0256 Residencia :	s / n
5	Jesús A. Brenes R.	Administration MINAE	Ostional - ZMT	GOV	Trabajo :680-1820 Residencia :	s / n
6	Alfonso López	CNE (National Commission of Emergencies)		OTR	Trabajo : Residencia :	s / n
7	Magdalena Vega	President Integrated Development Asso. Ostional		COM	Trabajo : Residencia :	s / n
8	Marco Carmona	President CASATUR		TOUR	Trabajo : 656-0100 Residencia :	s / n
9	Didier Castillo	Municipality - District representative	Sámara	GOV	Trabajo : Residencia :	s / n
10	Wilberth Guevara Matarrita	Treasurer - Integr. Dev. Assoc. San Juanillo	San Juanillo	COM	Trabajo : 680-0797 Residencia :	s / n
11	Wady Mejías Espinoza	Inspector MTZ Hojancha Municipality	Hojancha	GOV	Trabajo : 659-9116 Residencia :	s / n
12	Marvin Díaz E.	Coordination Tempisque Conservation Area (ACT)-		GOV	Trabajo : 659-9039 Residencia :	s / n
13	Widdier Castro H.	APROSA (Progressive Association of Sámara)		OTR	Trabajo :656-0186 Residencia :	s / n
14	Omar	APROSA (Progressive Association of Sámara)		OTR	Trabajo : 656-0247 Residencia :	s / n
15	Marcos A. Matarrita Cortés	Fisherman	Sámara	COM	Trabajo : Residencia : 656-0584	s / n

NOTE: ADI means Integrated Development Association

Date: Mar. 31, 00
Place: NICOYA

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	José Freddy Gómez C.	Mayor - Nicoya Municipality	Nicoya	GOV	Trabajo : 685-5089 Residencia :	s / n
17	Wilberth Mondragón H.	Inspector MTZ Nicoya Municipality	Nicoya	GOV	Trabajo :685-5089 Residencia :	s / n
18	Roy Alfaro Rojas	Director Financiam. Administr. Nicoya Municipality	Nicoya	GOV	Trabajo :685-5516 Residencia :	s / n
19	Byron Rosales	Cadaster / Engineer Nicoya Municipality	Nicoya	GOV	Trabajo :685-5516 Residencia :	s / n
20	Ubaldo Rodríguez	President Integr. Devel. Association Garza	Garza	COM	Trabajo :680-0445 Residencia :	s / n
21	Bernardo Urbina	Secretary Integr. Devel. Association Garza	Garza	COM	Trabajo :640-0445 Residencia :	s / n
22	Mario Juáres	President - Association	Nosara	COM	Trabajo : Residencia :	s / n
23	Nicolasa Gutiérrez	Organized Women	Bocas de Nosara	TOUR	Trabajo :682-0205 Residencia :	s / n
24	Tulvio Paniagua	Agriculture (Private enterprise)	Ostional	OTR	Trabajo :225-4350 Residencia :	s / n
25	Jorge Acosta	Executive - Radio Pampa		OTR	Trabajo :685-5182 Residencia :	s / n
26	Jerónimo Días	Announcer - Radio Pampa		OTR	Trabajo :685-5792 Residencia :	s / n
27	José Luis Rosales	Member of Nicoya Municipal Council	Nicoya	GOV	Trabajo :685-2716 Residencia :	s / n

Tourism Business (TOUR)	4
Community (COM)	6
Government (GOV)	11
Non-government Organization (NGO)	0
Others (OTR)	6
Total:	27

Date: Apr. 1, 00
Place: Nandayure

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	Tobías Borbón Picado	MTZ - Municipality		GOV	Trabajo :657-7051 Residencia :	s / n
2	Warren Cubillo	Municipal President		GOV	Trabajo :657-7081 Residencia :	s / n
3	Sixto Gallo A.	Bejuco Development Association	Bejuco	COM	Trabajo :656-0320 Residencia :	s / n
4	Luis Badilla	Farmers' Association	San Pedro	OTR	Trabajo :686-6380 Residencia :	s / n
5	Carlos Arias Chaves	Director primary school	Carmona	OTR	Trabajo :657-7178 Residencia :	s / n
6	Ulises Rodríguez	Farmers' Association	San Pedro	OTR	Trabajo :685-5616 Residencia :	s / n
7	Juan B. Mayorga	Agropecuaria Suyapa (private enterprise)	Bejuco	OTR	Trabajo :551-8533 Residencia :	s / n
8	Rafael	MAG Technician	Nandayure	GOV	Trabajo :657-7116 Residencia :	s / n
9	Marvin Villalobos	Carmona Development Association	Carmona	COM	Trabajo :657-7298 Residencia :	s / n
10	Rónald Méndez	Auxiliary nurse	Carmona	OTR	Trabajo :657-7248 Residencia :	s / n
11	Chris Brunetti	Condor de Montaña	Bejuco	OTR	Trabajo : Residencia :	s / n
12	Dave Seibel	Private development	Bejuco	OTR	Trabajo : Residencia :391-5477	s / n
13	José Eladio Guerrero R.	Sports Committee	Carmona	OTR	Trabajo : Residencia :657-7192	s / n
14	Genaro Vega	Computer department - Carmona Municipality	Carmona	GOV	Trabajo :657-7081 Residencia :	s / n
15		Member of Municipal Council	Santa Rita	GOV	Trabajo : Residencia :	s / n

Date: Apr. 1, 00
Place: Nandayure

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	Marcos Rojas J.	Cóbano Council	Cóbano	GOV	Trabajo :642-0238 Residencia :	s / n
17	Axel Marquard	Private Real Estate in Bejuco	San José	OTR	Trabajo : Residencia :390-9645	s / n
18	José García	Doctor	Carmona	OTR	Trabajo :657-7111 Residencia :	s / n
19	Seidy Pérez B.	Nandayure Municipality	Nandayure	GOV	Trabajo : Residencia :391-8333	s / n
20	Rodolfo Picado	Member of Municipal Council	Nandayure	GOV	Trabajo : Residencia :389-0380	s / n
21	Francisco Venegas C.	Manager National Bank - Nandayure	Carmona	OTR	Trabajo : Residencia :394-5890	s / n
22	Isabel Rodríguez	Municipal Secretary	Carmona	GOV	Trabajo :657-7081 Residencia :	s / n
23	Alvaro Venegas P.	Folkloric Group - investigation	Carmona	OTR	Trabajo : Residencia :657-7367	s / n
24	Angelo Busa	Owner Hotel Arca de Noé	San Miguel	TOUR	Trabajo : Residencia :656-0065	s / n
25	Roberta Pero	Owner Hotel Arca de Noé	San Miguel	TOUR	Trabajo : Residencia :656-0065	s / n
26	Arley Carrillo	Secretary - high school	Carmona	OTR	Trabajo :657-7246 Residencia :	s / n
27	Cruz Contreras	School's sports committee	Carmona	OTR	Trabajo :657-7048 Residencia :	s / n

Tourism Business (TOUR) 2
Community (COM) 2
Government (GOV) 9
Non-government Organization (NGO) 0
Others (OTR) 14
Total: 27

Date: Jul. 4,00
Place: Golfito

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	Gerardo González Núñez	Cabinas Las Chinitas	Barrio Llano Bonito	TOUR	Trabajo :775-1427 Residencia :	s / n
2	Margot Jiménez Umaña	Corredores Municipality	Ciudad Neily	GOV	Trabajo : Residencia :783-3939	s / n
3	Roxana Rodríguez Serrano	Corredores Municipality	Ciudad Neily	GOV	Trabajo :783-3150 Residencia :783-3386	s / n
4	Blanca E. Moya Díaz	Cabinas Las Chinitas	Barrio Llano Bonito	TOUR	Trabajo :775-1427 Residencia :	s / n
5	Nancy Rodríguez	Ministry of Health	Golfito	OTR	Trabajo :775-0048 Residencia :	s / n
6	Octavio Aparicio	Neotropical - Tropical Youth Center	Rincón de Osa	OTR	Trabajo :735-5522 Residencia :	s / n
7	Juan de Dios Rodríguez	CCSS	Palmar Sur	OTR	Trabajo :786-6273 Residencia :786-?	s / n
8	Arnoldo Barquero Marín	SENARA	Palmar Sur	GOV	Trabajo :786-6349 Residencia :385-3071	s / n
9	Marcos Villega Castro	COVIRENA (Comité Vigilancia de los Recursos Naturales)	Zona Sur	OTR	Trabajo : Residencia :735-5532	s / n
10	Fernando López Contreras	MEP (Ministry of Public Education)	Ciudad Neily	GOV	Trabajo :783-5833 Residencia :789-9657	s / n
11	Elberth Barrantes A.	COOPROSUR R.L.	Río Claro - Golfito	OTR	Trabajo :789-9316 Residencia :789-9229	s / n
12	Santana Sequeira	CNP (National Council of Production)	San Isidro	GOV	Trabajo :771-7100 Residencia :383-2745	s / n
13	Marcelo Guzmán	El Sur Sur Newspaper	Zona Sur	OTR	Trabajo :220-1207 Residencia :	s / n
14	Rodrigo Elizondo	IDA	San Isidro	GOV	Trabajo :771-8100 Residencia :771-4521	s / n
15	Julio A. Viales P.	MOPT	Región XI	GOV	Trabajo :789-9060 Residencia :	s / n

The main focus of tourism development for the area should be on nature-based and ecology-oriented tourism, not on beach tourism such as South Guanacaste.

1) Mangrove and Bird Watching

Most mangrove reservations in the area are large river mouth mangrove forests, larger than in South Guanacaste. Those river mouth mangroves create a variety of mangrove islands and inlets, which could be used for mangrove tours/cruises and bird watching, canoeing and other nature tourism activities.

2) Beach Activities

Most of the sandy beaches without rocky reefs in this area have sea turtles nesting activities.

The watching of sea turtle nesting is one of the popular tourist attractions in several other destinations in the world. It can be developed into an attractive product in the area as long as it is well managed and controlled.

(3) Potential Marine Natural Resources

The Pacific Ocean has rich marine resources, which could provide potential marine-oriented tourism activities as follows:

1) Sea Mammal Watching Activity

Both the Golfo Dulce and the outer ocean have sea mammal resources, in particular dolphins and whales (seasonal). Those resources can be developed into an attractive product.

2) Offshore Fish Resources

Offshore sea area in the front of (?) the area is identified as one of the richest resources for international migration fish. This is the most attractive, which are the a great attraction to sports fishing area in the country.

3) Coral Reef Community and Fish Resources on Cano Island

The rocky reefs of Cano Island have a very rich coral reef with coral community. This is a potential resource for diving activities.

4) Surfing

Manzanillo and Pavones Coast have big and, long waves, which are a good potential resource for surfing in Costa Rica.

Date: Jul. 4,00
Place: Golfito

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	Róger Esquivel	ICE-Telecomunicaciones	Región Brunca	OTR	Trabajo :771-5111 Residencia :783-5151	s / n
17	Luis Barquero B.	MINAE - ACOSA	Puerto Jiménez	GOV	Trabajo :735-5282 Residencia :735-536?	s / n
18	Carlos León	SIEPAL- Agenda XXI	Palmar - Osa	OTR	Trabajo :786-6498 Residencia :	s / n
19	Ronald	ICE	Región Brunca	OTR	Trabajo : 783-4000 Residencia :783-3376	s / n
20	Teodoro	Hotel business	Golfito	TOUR	Trabajo : Residencia :775-0505	s / n
21	Mayra	Ecotourist guides	Río Claro	TOUR	Trabajo : Residencia :789-9144	s / n
22	Cecilia	Cabinas Golfo Dulce	Rincón de Osa	TOUR	Trabajo : Residencia :775-0244	s / n
23	Carlos Oviedo Avila	INA	Río Claro	GOV	Trabajo :789-9016 Residencia :732-2513	s / n
24	Ana Margarita Selva	FUNDEVI - UCR	Golfito	OTR	Trabajo :775-0546 Residencia :775-1519	s / n
25	Julio Urcuyo Acuña	FUNDEVI - UCR	Golfito	OTR	Trabajo :775-0546 Residencia :775-0095	s / n
26	Rosa M. Quirós González	Agenda XXI / Osa Municipality	Ciudad Cortés	GOV	Trabajo :788-8284 Residencia :393-2556	s / n
27	Eva M. Aguilar Arce	Osa Municipality	Sierpe District	GOV	Trabajo :786-7414 Residencia :786-7441	s / n
28	Jeanine Santos Méndez	Golfito Tourism Chamber / Hotel Las Gaviotas	Golfito - Km 3½	TOUR	Trabajo :775-0062 Residencia :	s / n
29	Celia V. Aymerich Leiva	Golfo Dulce's Ecotourist Guides Association	Golfito - Km 7	TOUR	Trabajo :775-1091 Residencia :775-1097	s / n
30	Boris Gamboa Valladares	Rural Development Program - MAG	Pérez Zeledón	GOV	Trabajo :771-3217 Residencia :	s / n

Date: Jul. 4,00
Place: Golfito

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
31	Gilberth Fallas	Union of Tourism Chambers	Pérez Zeledón	TOUR	Trabajo :771-6096 Residencia :771-2003	s / n
32	Daisy Sánchez	La Palma Development Association	La Palma	COM	Trabajo : Residencia :775-0033	s / n
33	Eduardo Norton S.	Ecotourism Chamber	Golfito	TOUR	Trabajo : Residencia :775-0403	s / n
34	Alexis Arias	Major - Golfito Municipality	Golfito	GOV	Trabajo :775-0424 Residencia :	s / n
35	Alexander Cardoza	Rural Police	Golfito	OTR	Trabajo :775-1022 Residencia :390-2869	s / n
36	Walter Bustos Lara	Health/School Committees - CAR	Zancudo	COM	Trabajo : Residencia :776-0135	s / n
37	Ethel Méndez Leuchtenbeng	Golfito Municipality	Golfito	GOV	Trabajo :789-9156 Residencia :789-9036	s / n
38	Antón Leuchtenbeng	German	Río Claro	COM	Trabajo : Residencia :789-9036	s / n
39	Carlos Villalobos Ch.	Corcovado Agro-ecotourist Association	Rancho Quemado	TOUR	Trabajo :735-5145 Residencia :	s / n
40	Robert Baker	Golfito Sport fishing	Playa Zancudo	TOUR	Trabajo : Residencia :776-0007	s / n
41	law MacAllister	sport fishing	Playa Zancudo	TOUR	Trabajo : Residencia :776-0091	s / n
42	Eric Russman	Cecropia Foundation	Puerto Jiménez	OTR	Trabajo :735-5532 Residencia :	s / n
43	Nelson	Inspector MTZ - Osa Municipality	Ciudad Cortés	GOV	Trabajo :788-8511 Residencia :	s / n
44	Peter Aspinall	Tiskita Lodge	Punta Banco	TOUR	Trabajo : Residencia :233-1511	s / n
45	Lidiette Franceschi	Cámara de Turismo Golfo Dulce	Puerto Jiménez	TOUR	Trabajo :735-5007 Residencia :735-5440	s / n

Date: Jul. 4,00
Place: Golfito

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
46	Álvaro Vicente	Hotel Las Gaviotas	Golfito	TOUR	Trabajo :775-0062 Residencia :775-0062	s / n
47	Diego Herrera	Osa Natural	Puerto Jiménez	NGO	Trabajo :735-5840 Residencia :	s / n
48	Marilyn Paniagua	Cámara de Turismo Puerto Jiménez	Puerto Jiménez	TOUR	Trabajo : Residencia :776-0059	s / n
49	Claudio Barrantes	Unión Cantonal Asociaciones Golfito	Golfito	COM	Trabajo : Residencia :775-1169	s / n
50	Seidy Sánchez Chaves	Rancho el Coquito	Playa Zancudo	TOUR	Trabajo : Residencia :776-0059	s / n
51	Lorena Rueda M.	PANI (Social Worker)	Bella Vista	OTR	Trabajo :775-0113 Residencia :	s / n

Tourism Business (TOUR) 17
Community (COM) 4
Government (GOV) 15
Non-government Organization (NGC) 1
Others (OTR) 14
Total: 51

Date: Ju. 29,00
Place: Sámará

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistencia primera reunió
1	Nicolasa Gutiérrez	Organization of Women	Bocas de Nosara	COM	Trabajo : Residencia :682- Trabajo :	s
2	Roy Alfaro Rojas	Municipality of Nicoya	Nicoya	GOV	Residencia :685- Trabajo :	s
3	Byron Rosales M.	Municipality of Nicoya	Nicoya	GOV	Trabajo : Residencia :685- Trabajo :	s
4	Wilberth Mondragón	Municipality of Nicoya	Nicoya	GOV	Trabajo : Residencia :685- Trabajo :	s
5	Adolfo Sáez	Diario Extra (Newspaper)	Nicoya	OTR	Trabajo : Residencia :685- Trabajo :	n
6	Mauriel Soto A.	Congo Real Cabins	Carrillo	TOUR	Residencia :656- Trabajo :	n
7	Adolfo Juárez Cárdenas	Fisherman	Sámara	COM	Trabajo : Residencia :656- Trabajo :	n
8	Emilce Steller Ramírez	Progress Association	Sámara	COM	Residencia :656- Trabajo :	n
9	Gerardo Arias Bonilla	Presid. Fishermen's Asociat.	Sámara	COM	Trabajo :656-5306 Residencia :656- Trabajo :	n
10	Wilberth Guevara M.	Secretary Dev. Asoc. Sn Juanillo	San Juanillo	COM	Residencia :680- Trabajo :	s
11	José Antonio Morales	Vicepresid. ADI San Juanillo	San Juanillo	COM	Trabajo : Residencia :680- Trabajo :	s
12	Silvano Ruiz Gutiérrez	ASA Nicoya (Association of agriculture & livestock)	Nicoya	OTR	Residencia :685- Trabajo :	n
13	Randall Moya Ch.	CNP	Nicoya	OTR	Trabajo :685-5179 Residencia :680- Trabajo :	n
14	Franklin Briceño G.	ASA Nicoya (Association of agriculture & livestock)	Nicoya	OTR	Trabajo :685-5563 Residencia :686- Trabajo :	n
15	Donald Mora M.	MAG Nicoya	Nicoya	GOV	Trabajo :685-5563 Residencia :686- 4759	n

Date: Ju. 29,00
Place: Sámara

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistencia primera reunió
16	Cristina Castillo C.	Progress Assoc. of Sámara	Sámara	COM	Trabajo : Residencia :656-0224	n
17	Alba Nibia Castillo A.	Commerce Association	Sámara	OTR	Trabajo : Residencia :	n
18	Victoria Carrillo E.	Arena Cabins	Sámara	TOUR	Trabajo : Residencia :656-0224	n
19	Gerardo Campos	ODRES (Reg. Dev. Assoc.)	Santa Cruz	COM	Trabajo :680-0632 Residencia :395-0428	s
20	Marcos Carmona	CASATUR	Hotel Villas Playa Sámara	TOUR	Trabajo : Residencia :	s
21	Marcos A. Matarrita C.	Fisherman	Sámara	COM	Trabajo : Residencia :656-0590	s
22	Francisco Díaz Btez.	Sámara Hotel Business	Sámara	TOUR	Trabajo :6560265 Residencia :	n
23	Gerardo Vargas Alvarado	Hojancha's Major	Hojancha	GOV	Trabajo :659-9036 Residencia :	s
24	Wady Mejías Espinoza	Inspector	Hojancha	GOV	Trabajo :6599036 Residencia :	s
25	Jesús Fonseca Castillo	Isla Chora Hotel	Sámara	TOUR	Trabajo :680-0171 Residencia :685-	n
26	Bernardo Urbina Matarrita	Development Association	Garza	COM	Trabajo : Residencia :680-0445	s
27	Ubaldo Rodríguez Vega	Asociación de Desarrollo Garza. Secretario	Garza	COM	Trabajo :680-0445 Residencia :	s
28	Claudio	Commerce	Nosara	OTR	Trabajo :682-0020 Residencia :	n
29	Carlos Villalobos Espinoza	Entrepreneur	Nosara	OTR	Trabajo : Residencia :	n

Tourism Business (TOUR) 5

Community (COM) 11

Government (GOV) 6

Non-government Organization (NGO) 0

Others (OTR) 7

Date: Ju. 29,00
Place: Sámara

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	ASISTENTE a la primera reunió
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Total:

29

Jul. 1, 00

Place: Jabilla

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistencia primera reunió
1	Sixto Gallo Apú	Development Association	Pueblo Nuevo de Bejuco	COM	Trabajo :656-0370 Residencia :	s
2	Dominga Chávez López	Dominga Cabins	San Miguel Beach	TOUR	Residencia :656- Trabajo :	n
3	Marsiano Chávez López	Farmer	La Jabilla	COM	Trabajo : Residencia	n
4	Carmen María Quirós G.	Development Association	Pueblo Nuevo de Bejuco	COM	Residencia :656- Trabajo :	n
5	Arley Carrillo Cubero	Nandayure High School (Secretary)	Carmona	OTR	Residencia :657- Trabajo :	s
6	Jamileth Contreras Castro	Works in the School in Carmona	Carmona	OTR	Residencia :657- Trabajo :	n
7	Tobías Borbón Picado	Presidential Delegate	Carmona	GOV	Trabajo : Residencia :	s
8	Cruz Contreras Arias	Farmer	Nandayure	COM	Trabajo : Residencia :	s
9	Andrés Peluquín	Real State	La Jabilla	OTR	Residencia :656- Trabajo :	n
10	Busa Angelo	Arca de Noé Hotel	San Miguel Beach	TOUR	Residencia :382- Trabajo :656-0000	s
11	Pero Roberta	Arca de Noé Hotel	San Miguel Beach	TOUR	Residencia :382- Trabajo :656-0000	s
12	Arnoldo Rojas Aguilar	Moctezuma Hotel	Montezuma	TOUR	Residencia :642- Trabajo :	n
13	Alexander Rojas Delgado	Moctezuma Hotel	Montezuma	TOUR	Residencia :642- Trabajo :	n
14	Ana Gutiérrez de Niño	La Jabilla Farm	La Jabilla	OTR	Residencia :231- Trabajo :	n
15	Victor Julio Niño C.	La Jabilla Farm (Owner)	La Jabilla	OTR	Residencia :656- Trabajo :	n

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistencia primera reunió
16	Frank Teixeira	Blue Pelican Hotel	San Miguel Beach	TOUR	Trabajo : Residencia : Trabajo :	n
17	Juan Carlos González Ch.	Musical Group	San Francisco de Coyote	OTR	Residencia :671- 1226	n
18	Rafael Ángel Rojas	MARRESA (Group of Association)	Carmona	OTR	Trabajo :657-7116 Residencia :	s
19	José E. Guerrero Rojas	Sports Committee	Carmona	OTR	Trabajo :657-71-16 Residencia :	s
20	Rodolfo Picado M.	Cindic of the Municipality	Bejuco	GOV	Trabajo :389-0380 Residencia :	s
21	Rafael Sánchez Moraga	Transportation of Audio for Discotheques	San Francisco de Coyote	OTR	Trabajo : Residencia 671-	n
22	Nicole Niño Gutiérrez	La Jabilla Farm	La Jabilla	OTR	Trabajo : Residencia :231-	n
23	Juan G. Viales Ugalde	Loma Clara Ranch	San Francisco de Coyote	OTR	Trabajo : Residencia :381-	n
24	Julie Harn	Resident	La Jabilla/San Miguel	COM	Trabajo : Residencia :391-	n
25	Rufino Quirós J.	President of the Association for Conservation	San Miguel Beach	NGO	Trabajo :385-4943 Residencia :656-	n
26	Gonzalo Ramírez Porras	MINAE-ACT-ASEPALECO	Jicaral	GOV	Trabajo :680-5345 Residencia :650-	n
27	Wilson Daniel Reyes	MINAE	San Miguel Beach	GOV	Trabajo : Residencia :656-	n

Tourism Business (TOUR) 6
Community (COM) 5
Government (GOV) 4
Non-government Organization (NGO) 1
Others (OTR) 11
Total: 27

Date: Jul. 11, 00
Place: Sierpe

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistencia primera reunió
1	José A. Vargas Elizondo	Mirador Lodge	Drake	TOUR	Trabajo :387-9138 Residencia : Trabajo :380-3670	n
2	José Pagano	Pirate Cove	Drake	TOUR	Residencia :273-12-52	n
3	Martín Perez	Guide	Agujitas	TOUR	Trabajo : Residencia :	n
4	Osbaldo González	Corcovado Ranch	Drake	TOUR	Trabajo : Residencia :	n
5	Gilberto Mendoza Rojas	President of Drake's Development Association	Drake	COM	Trabajo : Residencia :770-8051	n
6	Yolanda Hess Schneider	Cabinas Las Caletas	Las Caletas Beach, Drake	TOUR	Trabajo :381 Residencia :	n
7	Marta Pérez Mendoza	Cabinas Jade Mar	Drake	TOUR	Trabajo : Residencia :384-6681	n
8	María Jiménez S.	Rancho Corcovado	Corcovado	OTR	Trabajo : Residencia :	n
9	Elena Arnáez Montes	JUDESUR	Tinoco	OTR	Trabajo : Residencia :	n
10	Olger Ramírez Salinas	Municipality of Osa	Palmar Sur	GOV	Trabajo :788-8284 Residencia :786-7965	n
11	José Alfredo Vargas	Hotel Paraiso Verde	Drake	TOUR	Trabajo : Residencia :	n
12	Carlos Oviedo Ávila	INA	Río Claro	GOV	Trabajo :789-9016 Residencia :732-2513	s
13	Jorge Cascante Arias	DINADECO (National Community Devit Directorate)	Región Brunca	COM	Trabajo : Residencia :771-4041	n
14	Fernando Campos M.	Hotel Paraiso Bahía Drake	Bahía Drake	TOUR	Trabajo : Residencia :	n
15	Franklin Araya H.	Almendros Rent Horse	Las Caletas Beach, Drake	TOUR	Trabajo : Residencia :	n

Date: Jul. 11, 00
Place: Sierpe

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistencia primera reunión
16	Pedro V. Garro Arroyo	Hotel Aguila de Osa	Agujitas de Drake	TOUR	Trabajo : Residencia :	n
17	Emilce Murillo Palma	Housewife	Agujitas de Drake	COM	Trabajo : Residencia :	n
18	Rebeca Villalobos M.	Estero Azul Lodge	Sierpe	TOUR	Trabajo :786-7422 Residencia :	n
19	Kelly Villalobos	Restaurante el Ancla	Sierpe	TOUR	Trabajo :786-7084 Residencia :786-7647	n
20	Carlos Jiménez M.	Maritime Travels. Sierpe Tours	Sierpe	TOUR	Trabajo : Residencia :786-7016	s
21	Petrona Cano	Housewife	Drake	COM	Trabajo : Residencia :	n
22	Teresa Obando	Housewife	Agujitas de Drake	COM	Trabajo : Residencia :	n
23	Parisa Padidar	CIPROTUR (Committee of Tourism)	San Isidro	TOUR	Trabajo : Residencia :771-9864	n
24	Marna Berry	Cocalito Lodge	Drake Bay	TOUR	Trabajo : Residencia :384-6369	n
25	Elmer Uva B.	Hotel Oleaje Sereno	Sierpe	TOUR	Trabajo : Residencia :786-7580	n
26	Nancy Aitken	Campanario Project (Conservat. Priv. Deerho)	Campanario	NGO	Trabajo :282-5898 Residencia :282-6336	n
27	Mario González	Farmer	Estero Guerra	COM	Trabajo : Residencia :	n
28	Armando González	Investor	Drake	OTR	Trabajo : Residencia :	n
29	Joaquín Mosquera	Hotel Jinetes de Osa	Drake	TOUR	Trabajo : Residencia :	n
30	Dagoberto Rodríguez	MINAE	Palmar	GOV	Trabajo :786-7161 Residencia :	n

Date: Jul. 11, 00

Place: Sierpe

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistencia primera reunió
31	Carlos León	Cantonal Union / Siepal	Palmar Norte	COM	Trabajo : Residencia : 786-706570	s
32	Claudio Barrantes Cartín	Federation of Integral Development Association	Golfito	COM	Trabajo : 775-1169 Residencia :	s
33	Elizabeth Chavarria	CLACOSA (Local Committee of MINAE)	Palmar Norte	GOV	Trabajo : Residencia : 786-6424	n
34	William Castro M.	Development Association	Palmar Norte	COM	Trabajo : 788-8184 Residencia :	n
35	Elvia María Samudio Q.	Housewife	Piedras Blancas	COM	Trabajo : Residencia :	n
36	Lidieth Molina Agüero	Housewife	Piedras Blancas	COM	Trabajo : Residencia :	n
37	Ana C. Valerín Pizarro	Municipality of Osa	Palmar Norte	GOV	Trabajo : Residencia : 786-6225	n
38	Rosabel Chaves A.	Vendedora	Villa Colón	COM	Trabajo : Residencia : 783-2047	n
39	Myrna Díaz Briceño	Agenda XXI	Piedras Blancas	OTR	Trabajo : Residencia : 224-2400	n
40	Nelson Jiménez Z.	Inspector	Ciudad Cortés	GOV	Trabajo : Residencia : 788-8511	s
41	James Lynskey	Ventanas de Osa Lodge	Ventanas	TOUR	Trabajo : Residencia : 795-4800	s
42	Juan Carlos Villalobos U.	Municipality of Osa	Palmar Norte	GOV	Trabajo : 788-8294 Residencia : 788-8714	n
43	Daniilo Barboza A.	Municipality of Osa	Sierpe	GOV	Trabajo : Residencia : 7866148	n
44	Claudio Salas S.	Presidential House	Palmar Norte	GOV	Trabajo : Residencia : 786-6225	s
45	Jeanine Santos M.	Tourism Chamber	Golfito	TOUR	775-0062	s

Date: Jul. 11, 00

Place: Sierpe

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistencia primera reunió
46	Yeiner Jiménez R.	Hotel worker, Aguila de Osa	Drake	TOUR	Trabajo : Residencia :	n
47	Rosa Camacho L.	Housewife	Billa Bonita, Osa	COM	Trabajo : Residencia :	n
48	Ruperto Rojas	Hotel Las Margaritas	Sierpe	TOUR	Trabajo : Residencia : 786-7574	n
49	María Isabel Mendoza Espinoza	Housewife	Venecia, Osa	COM	Trabajo : Residencia :	n
50	Sierra Goodman	Delfin Amor Lodge	Drake	TOUR	Trabajo : Residencia : 794-2632	s
51	Geiner Sequeira	Delfin Amor Lodge	Drake	TOUR	Trabajo : Residencia : 794-2632	n
52	Steven Alfaro Arnáez	SAFRATI (Group for Young People)	Tinoco	OTR	Trabajo : 243-2747 Residencia : 272-2911	n
53	Luuc Van Wezel	Hotel Villas Gaia (Owner)	Playa Tortuga	TOUR	Trabajo : 256-9996 Residencia :	n
54	Walter Castellón Ortíz	Municipality of Osa	Ojo de Agua	GOV	Trabajo : 788-8518 Residencia : 786-6807	n
55	José Angel Beita Q.	Transportation for Tourists	Sierpe	TOUR	Trabajo : Residencia : 786-7361	s
56	Gilberth Fallas	Union of Tourism Chambers	Pérez Zeledón	TOUR	Trabajo : Residencia : 771-6096	s
57	Edwin Barboza Q.	Transportation for Tourists	Sierpe	TOUR	Trabajo : Residencia : 7866241	n
58	Francisco Reyes	Topographer	San José	OTR	Trabajo : 240-9805 Residencia :	n
59	Isabel de Ucuyo	UCR	Golfito	OTR	Trabajo : 775-0095 Residencia : 775-0546	n
60	María Obando A.	Women Association	Piedras Blancas	COM	Trabajo : Residencia :	n

Date: Jul. 11, 00
Place: Sierpe

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistencia primera reunió
61	Mireya Gutiérrez S.	Women Association	Piedras Blancas	COM	Trabajo : Residencia :	n
62	Gustavo Gutiérrez Calvo	Marengo Lodge	Drake Bay	TOUR	Trabajo :770-8002 Residencia :	n
63	Hidaniel López Valerín	Transportation for Tourists	Palmar-Sierpe, etc.	TOUR	Trabajo :395-5700 Residencia :786-6236	n
64	Luis Alfredo Centeno	CATUOASA	Palmar Norte	NGO	Trabajo :786-6534 Residencia :786-6635	n

Tourism Business (TOUR) **29**
Community (COM) **16**
Government (GOV) **10**
Non-government Organization (NGO) **2**
Others (OTR) **7**
Total: 64

Date: Jul. 7, 00

Place: Pto. Jiménez

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	María Roig	Zancudo Lodge	Playa Zancudo	TOUR	Trabajo : 776-0008 Residencia : 776-0039	n
2	Abelardo Jiménez	Education Adviser	Punta Banco / Pavones	COM	Trabajo : Residencia :	n
3	Susan England	Cabinas Los Cocos	Playa Zancudo	TOUR	Trabajo : 776-0012 Residencia :	n
4	Maryorie Baltodano	Bakery owner	Playa Zancudo	COM	Trabajo : Residencia : 776-0132	n
5	Davis M. Corella	Coconut Café - owner	Golfito	TOUR	Trabajo : 775-0518 Residencia : 775-1991	n
6	Teodoro García	Cabinas Corcovado	Golfito	TOUR	Trabajo : 775-0505 Residencia :	s
7	Eduardo Norton S.	Hotel el Gran Ceibo - owne	Golfito	TOUR	Trabajo : Residencia : 775-0403	s
8	Anton Leuchtenberg	resident	Río Claro	COM	Trabajo : Residencia : 789-9036	s
9	Ethel Méndez	Municipality	Río Claro	GOV	Trabajo : Residencia : 789-9036	s
10	Gerardo González N.	Cabinas Las Chinitas	Golfito	COM	Trabajo : Residencia :775-1427	s
11	Jean Pierre Schmidt Calderón	Ecosisma Foundation	Puerto Jiménez	ENV	Trabajo : Residencia : 735-5564	n
12	Daisy Sánchez Mata	La Palma Development Association	La Palma	COM	Trabajo : Public Residencia : 775-0033	s
13	Julio A. Urcuyo	FUNDEVI (Investigation Foundation UCR)	Golfito	OTR	Trabajo : 775-0546 Residencia : 775-0095	s
14	Abraham Gallo	Cabinas Bosque del Río Tigre	Dos Brazos	TOUR	Trabajo : Fax post office Residencia : 735-5045	n
15	Liz Jones	Cabinas Bosque del Río Tigre	Dos Brazos	TOUR	Trabajo : Fax post office Residencia : 735-5045	n

Date: Jul. 7, 00

Place: Pto. Jiménez

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	Marielos Villalobos M.	Tourism Transportation	Puerto Jiménez	TOUR	Trabajo : 735-5195 Residencia :	n
17	Alexis Arias Fernández	Glfito Municipality - Major	Golfito	GOV	Trabajo : 775-0424 Residencia :	s
18	Jason Barner	Tourism - ecotourism - marine investigation	Matapalo	TOUR	Trabajo : Residencia : 385-0434	n
19	Nadine Collins	Tourism - ecotourism - marine investigation	Matapalo	TOUR	Trabajo : Residencia : 385-0434	n
20	Marga Jayne	Retired - future camping	La Palma	TOUR	Trabajo : Residencia :	n
21	Félix Castillo	Osa Mining	Carate	OTR	Trabajo : Residencia : 735-5373	n
22	Miguel Araya Gamboa	Ministry of Security and Police	Puerto Jiménez	GOV	Trabajo : 735-5114 Residencia :	n
23	Ana Lorena Pereira Jiménez	Playa Blanca Development Association	Puerto Jiménez	COM	Trabajo : Residencia : 735-5176	n
24	Carlos Villalobos Ch.	Corcovado Agroecotourism	Rancho Quemado	TOUR	Trabajo : Residencia : 735-5145	s
25	Gabriel Villachica Méndez	Vista al Mar Ltd. Cabinas Project	Pavones Golfito	TOUR	Trabajo : 387-4818 Residencia :	n
26	Isabel Jiménez Jiménez	Housewife	Pavones Golfito	COM	Trabajo : Residencia :	n
27	Gregory C. Banks	Hotel Manager	Puerto Jiménez	TOUR	Trabajo : FAX Residencia : 737-5474	n
28	Jorge E. Espinoza S.	Let George Do It (cabinas)	Puerto Jiménez	TOUR	Trabajo : 735-5313 Residencia : 735-5051	n
29	José Rogelio Vargas	Neotrópica Foundation	Rincón	ENV	Trabajo : 253-2130 Residencia : 735-5522	s
30	Nelly Solano Castro	Restaurant / Cabinas La Palma - owner	La Palma	TOUR	Trabajo : 233-3333 (beeper) Residencia :	n

Date: Jul. 7, 00

Place: Pto. Jiménez

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
31	Marielos Hernández M.	Cabinas owner	Puerto Jiménez	TOUR	Trabajo : Residencia : 735-5681	s / n
32	Miguel Angel Jiménez B.	National Bank	Puerto Jiménez	OTR	Trabajo : 735-5155 Residencia : 735-5182	n
33	Lidiette Franceschi B.	Tourism Micro entrepreneurs	Puerto Jiménez	TOUR	Trabajo : 735-5440 Residencia : 735-5007	s
34	Eduard Bellanero Angulo	Ministry of Health	Puerto Jiménez	OTR	Trabajo : 735-5061 Residencia : 735-5163	s
35	Rolando Cedeño	Concession Association of Playa Blanca	Playa Blanca	OTR	Trabajo : 735-5061 Residencia : 735-5176	s
36	Marcos Castro	COVIRENA (Natural Resources Vigilance Committee)	La Gamba / Golfito	ENV	Trabajo : Residencia :	s
37	Gustavo Araya S.	ASONATURA - guide	Puerto Jiménez	ENV	Trabajo : Residencia :	n
38	Luis Barquero B.	MINAE	Puerto Jiménez	GOV	Trabajo : 735-5282 Residencia :	s
39		Farmer	Pavones	COM	Trabajo : Residencia :	n
40	William Mata Picado	Fisherman	Pavones	COM	Trabajo : Residencia :	n
41	Carlos Luis Villegas García	Tour guide	Puerto Jiménez	TOUR	Trabajo : Residencia : 735-5474	n
42	María Luisa Salas A.	Concession Association of Playa Blanca	Puerto Jiménez	OTR	Trabajo : Residencia : 735-5198	n
43	José A. Méndez	Concession Association of Playa Blanca	Puerto Jiménez	OTR	Trabajo : Residencia : 735-5190	n
44	Nelson E. Rojas Araya	Cecropia Foundation / Guacamaya Association	La Palma	ENV	Trabajo : 735-5532 Residencia : 223-3030 (beeper)	n
45	Olga Sánchez T.	planning a restaurant	Sándalo	TOUR	Trabajo : Residencia :	n

Date: Jul. 7, 00

Place: Pto. Jiménez

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
46	Pablo Collar	Osa Group / real estate	Puerto Jiménez	OTR	Trabajo : 735-5550 Residencia : 735-5693	n
47	Agustín Quintero A.	Cabinas Manglares S.A.	Puerto Jiménez	TOUR	Trabajo : Residencia : 735-5002	n
48	Eric Russman	Cecropia Foundation	Puerto Jiménez	ENV	Trabajo : 735-5532 Residencia : 735-5629	s
49	Amira Vega Chavarría	Soda La Esquina	La Palma	COM	Trabajo : 775-0522 Residencia :	n
50	Sylvia Retana P.	Lapa Ríos Hotel	Carbonera	TOUR	Trabajo : 735-5130 Residencia :	n
51	Eicelia Polanco G.	Develpment Association	Puerto Jiménez	COM	Trabajo : Residencia : 735-5154	n
52	Jorge Carranza Soto	Osa Tropical Tica	Puerto Jiménez	NGO	Trabajo : 735-5062 Residencia :	n
53	Oscar Cortés Alfaro	Osa Guides Association	Puerto Jiménez	TOUR	Trabajo : 735-5045 Residencia :	n
54	Martín Aguilar Ruiz	Chamber of Tourism	Puerto Jiménez	TOUR	Trabajo : 735-5446 Residencia : 735-5164	n
55	Hector González	Cecropia Foundation	Puerto Jiménez	ENV	Trabajo : 735-5532 Residencia : 382-2168	n
56	Haydée Jiménez B.	Handicraft makers	La Palma	COM	Trabajo : Residencia :	n
57	Linda Pearl Saxe	Guides Association	Puerto Jiménez	TOUR	Trabajo : Residencia : 735-5223	n
58	Mary Luz Paniagua	Micro entrepreneurs' Association	Puerto Jiménez	TOUR	Trabajo : 735-5083 Residencia : 735-5428	s
59	Lucas Solano	Restaurant	La Palma	COM	Trabajo : Residencia : 775-0522	n
60	John Reid	Jardín de Aves / lodge	Agujas	TOUR	Trabajo : 735-5676 Residencia :	n

Date: Jul. 7, 00

Place: Pto. Jiménez

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
61	Yessenia Araya Mesén	Doña Leta's Bungalows	Puerto Jiménez	TOUR	Trabajo : 735-5180 Residencia : 735-5629	n

Tourism Business (TOUR) **28**
 Community (COM) **13**
 Government (GOV) **4**
 Non-government Organization (NGO) **1**
 Environment (ENV) **7**
 Others (OTR) **8**
Total: 61

Date: Sep. 28, 00
Place: Pavones

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	Alberto Díaz Chavarria	Golfito Municipality	Golfito	GOV	Trabajo : 775-0080 Residencia : 776-0006	n
2	Ramiro Valverde González		Pilón	COM	Trabajo : Residencia :	n
3	J. Enrique Valverde	Community		COM	Trabajo : Residencia :	s / n
4	Andrés Corella	Pastor (preacher)	Cocal Amarillo	COM	Trabajo : Residencia :	s / n
5	Jorge Jiménez	Indigenous community	Burica-Laurel	COM	Trabajo : 780-0415 Residencia :	n
6	Luis Antonio Romero	Community	Cocal Amarillo	COM	Trabajo : Residencia :	n
7	Aurelio Sanabria Sanabria	Fisherman	Cocal Amarillo	COM	Trabajo : Residencia :	n
8	Daniel Ruiz Bejarano	Chili Plantation	Cocal Amarillo	COM	Trabajo : Residencia :	n
9	William Araya Hernández	Agriculture	Pilón	COM	Trabajo : Residencia :	n
10	Denis Espinoza	Agriculture	Cocal Amarillo	COM	Trabajo : Residencia :	s
11	Delfín Flores F.	Professor - Agriculture	Cocal Amarillo	COM	Trabajo : Residencia :	s
12	Isidro M. H.	Agriculture	Río Claro	COM	Trabajo : Residencia :	s
13	Victor M.	Agriculture	Cocal Amarillo	COM	Trabajo : Residencia :	n
14	Bolívar Sánchez	Agriculture	Punta Banco	COM	Trabajo : Residencia :	n
15	William Mora Jiménez	Agriculture	Pilón	COM	Trabajo : Residencia :	n

Date: Sep. 28, 00
Place: Pavones

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	Carlos Esquivel Cordero	Agriculture	Punta Banco	COM	Trabajo : Residencia :	n
17	Ramiro	Agriculture	Cocal Amarillo	COM	Trabajo : Residencia :	n
18	Ameth Barrantes R.	Store	Sabaleta ?	OTR	Trabajo : Residencia :	n
19	Félix Villalobos	Architect	San Vito	OTR	Trabajo : Residencia :	n
20	Bjorn Weisser	Store	Pavones	OTR	Trabajo : Residencia :	n
21	Eric Kloos	Store	Pavones	OTR	Trabajo : Residencia :	n
22	Gabriel Villachica M.	Store		OTR	Trabajo : Residencia :	s
23		Fisherman	Río Claro	COM	Trabajo : Residencia :	n
24	Ricardo Esquivel	Agriculture	Punta Banco	COM	Trabajo : Residencia :	n
25	Claudio Mendoza López	Construction	Río Claro	COM	Trabajo : Residencia :	n
26	Amy Khoo	Teacher	Chocuaco	COM	Trabajo : Residencia :	n
27	Alexander Y. Outerbridge	Retired / businessman (cabin owner)	Chocuaco	TOUR	Trabajo : Residencia :	n
28	Pablo Jiménez	Teacher & priest	Río Claro	COM	Trabajo : Residencia :	n
29	Isabel Jiménez Jiménez	Housekeeper	Río Claro	COM	Trabajo : Residencia :	s
30	Juan Ramón Mendoza López	Fisherman	Río Claro	COM	Trabajo : Residencia :	n

Date: Sep. 28, 00
Place: Pavones

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
31	Francisco Gómez Vargas	Store	Río Claro	OTR	Trabajo : Residencia : 383-6078	n
32	Juvenal Quirós F.	Agriculture	Río Claro	COM	Trabajo : Residencia :	s
33	Manuel G. Guadamuz	Fisherman	Pilón	COM	Trabajo : Residencia :	n
34	Eladi Mendoza López	Agriculture	Río Claro	COM	Trabajo : Residencia :	n
35	Jimmy Jiménez Jiménez	Agriculture	Río Claro	COM	Trabajo : Residencia :	n
36	Ronald -- López	Cooker	Río Claro	COM	Trabajo : Residencia :	n
37	José Miguel Nuñez Torres	Agriculture	Río Claro	COM	Trabajo : Residencia :	n
38	Luis Alberto Cedeño Aguilar	Store	Río Claro	OTR	Trabajo : Residencia :	n
39	Malcom Miles	Agriculture	Río Claro	COM	Trabajo : Residencia : 381-4063	n
40	Miriam Lobo	Municipality	Río Claro	GOV	Trabajo : Residencia : 383-6078	s
41	Gerardo Gatgeus Jiménez	Gayba (group for concession)	Cocal Amarillo	OTR	Trabajo : 779-8143 Residencia : 394-5348	n
42	Antonio Madrigal	Agriculture	Cocal Amarillo	COM	Trabajo : Residencia :	n
43	Mario Jiménez Zúñiga	Agriculture	Pilón	COM	Trabajo : Residencia :	n
44	Alfredo Salazar Lobo	Sindicato Campesino Pavones (Labor union)	Punta Banco	COM	Trabajo : Residencia :	s / n
45	Alfredo Jiménez	Agriculture	Pilón	COM	Trabajo : Residencia :	n

Date: Sep. 28, 00
Place: Pavones

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
46	Fernando Sibaja Rodríguez	Small Grocery Store	Cocal Amarillo	COM	Trabajo : Residencia :	n
47	Jamie Cada McGonagle	Store	Río Claro	OTR	Trabajo : Residencia :	n
48	Patrik Liorschmann	Housekeeper	Río Claro	COM	Trabajo : Residencia : 395-9063	n
49	Susan Mesén Madrigal	Student / Guide	Río Claro	COM	Trabajo : Residencia :	n
50	Adonay Rodríguez	Construction	Cocal Amarillo	COM	Trabajo : Residencia :	n
51	Tito Ruiz Bejarano	Agriculture	La Yerba	COM	Trabajo : Residencia :	n
52	Gerardo Mora Aguilar	Ecotourism Association	Cocal Amarillo	NGO	Trabajo : Residencia : 293-1621	n
53	Mauricio Vargas Castellón	Ecotourism Association	Cocal Amarillo	NGO	Trabajo : Residencia :	n
54	Adelicia López Gamboa	Agriculture	Cocal Amarillo	COM	Trabajo : Residencia :	n
55	Ismael Alfaro C.	Agriculture	Punta Banco	COM	Trabajo : Residencia :	n
56	Carlos Alberto Gómez	Agriculture	Río Claro	COM	Trabajo : Residencia :	n
57	Gerardo López Mendoza	Fishermen Association	Río Claro	COM	Trabajo : Residencia :	n
58	Gerardo Núñez Jiménez	Agriculture	Cuervito	COM	Trabajo : Residencia :	n
59	Juan José Mesén Sánchez	Agriculture	Cuervito	COM	Trabajo : Residencia :	n
60	Parlante Alessandro	Store	Río Claro	OTR	Trabajo : 390-7036 Residencia :	n

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
61	Celia Mesén Madrigal	Cabinas Carol	Río Claro	TOUR	Trabajo : Residencia : 390-2504	n
62	Robin Nielsen	Cabinas Bunza Adventures	Punta Banco	TOUR	Trabajo : Residencia : 388-3630	n
63	Francisco Calderón V.	MINAE	Río Claro	GOV	Trabajo : 789-9092 Residencia : 592-0353	s
64	Ana Cecilia Medina	MINAE	Río Claro	GOV	Trabajo : 789-9092 Residencia : 443-8009	n
65	Russell Ambler	Rental House	Pavones	TOUR	Trabajo : Residencia : 380-6251	n
66	Pablo Ruiz Espinoza	Agriculture	Río Claro	COM	Trabajo : Residencia :	n
67	Jaime Rodríguez R.	Agriculture	Río Claro	COM	Trabajo : Residencia :	n
68	William Vargas Cubillo	Guard	Cocal Amarillo	COM	Trabajo : Residencia :	n
69	José Pedro Caballero S.	Administrator	Río Claro	COM	Trabajo : Residencia :	n
70	Joachim Gerlach	Entrepreneur	Río Claro	OTR	Trabajo : Residencia :	n
71	William Mata	Fisherman	Río Claro	COM	Trabajo : Residencia :	s
72	Roberto Méndez V.	Agriculture	Río Claro	COM	Trabajo : Residencia :	n
73	Urbina Mixela V.	Housekeeper		COM	Trabajo : Residencia :	s / n
74	Carlos Jiménez	Agriculture	Cocal Amarillo	COM	Trabajo : Residencia :	n
75	Juan Carlos Mora S.	Teacher	Río Claro	COM	Trabajo : Residencia :	n

Tourism Business (TOUR) 3
 Community (COM) 54
 Government (GOV) 5
 Non-government Organization (NG) 2
 Others (OTR) 11
Total: 75

Date: Sep.30, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	José Antonio Vargas Elizondo	Community	Drake	COM	Trabajo : Residencia : 387-9131	s
2	Heiner Mora Sibaja	High school director	Drake	COM	Trabajo : Residencia : 771-9539	n
3	Edilio Gómez Zúñiga	Guard	Drake	COM	Trabajo : Residencia : 770-8052	n
4	Nancy Aitken	Directora Campanario	Drake	OTR	Trabajo : 282-5898 Residencia : 282-6336	s
5	Gina Ramón	Clínica Bíblica	San José	OTR	Trabajo : 257-5252 ext. 1202 Residencia :	n
6	Pedro Garro	Aguila de Osa	Drake	TOUR	Trabajo : 296-2190 Residencia :	s
7	Susanne Pagano	Pirate Cove Cabinas	Drake	TOUR	Trabajo : 380-3670 Residencia :	n
8	Giuseppe Pagano	Caño Divers	Drake	TOUR	Trabajo : 380-3670 Residencia :	s
9	Martín Pérez Mendoza	Community	Agujitas	COM	Trabajo : Residencia :	s
10	Carlos Santana	Community	Drake	COM	Trabajo : Residencia :	n
11	Carlos Brenes Bolaños	Clínica Bíblica	Drake	OTR	Trabajo : 395-1039 Residencia : 225-2500	n
12	Alexander Rodríguez Mora	Aventuras Corcovado Tourist transportation	Caletas	TOUR	Trabajo : 284-1679 Residencia :	n
13	Xenia Jiménez Villalobos	Tesoro Verde Conservation Association	Los Planes	NGO	Trabajo : Residencia :	n
14	Mayra Salazar	Drake's Integral Development Association	Los Planes	NGO	Trabajo : Residencia :	n
15	Dominic Dowling	Reto Juvenil Internacional	Los Planes / Australia	NGO	Trabajo : Residencia :	s

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	Ian Sorg	Reto Junvenil Internacional	Los Planes / Australia	NGO	Trabajo : Residencia :	n
17	Marleny Jiménez	Drake Bay Wilderness Camp	Drake	TOUR	Trabajo : Residencia :	s / n
18	Benita Pérez	Housekeeper	Agujitas	COM	Trabajo : Residencia :	n
19	Fidencia Acosta H.	Housekeeper	Agujitas	COM	Trabajo : Residencia :	n
20	Noé Jiménez Pérez	Agriculture	Agujitas	COM	Trabajo : Residencia :	n
21	Erick Quesada G.	UNIEXPORT	Drake	NGO	Trabajo : 441-0859 Residencia : 384-6485	n
22	Alexis Rojas González	Drake Bahía (Boat)	Drake	TOUR	Trabajo : Residencia :	n
23	William Gutiérrez	Nature Guide	Agujitas	TOUR	Trabajo : 770-8012 Residencia :	n
24	Gilberto Mendoza Rojas	Drake's Integral Development Association	Caletas	NGO	Trabajo : Residencia :	s
25	Mario González G.	Agriculture	Estero de Guerra	COM	Trabajo : Residencia :	s
26	Mario Félix Zúñiga	ACOSA (Group Osa Conservation Area)MINAE	San Pedrillo	GOV	Trabajo : 735-5036 Residencia :	n
27	Hilda Mendoza Rojas	Housekeeper	Caletas	COM	Trabajo : Radio, Channel 16 Residencia : Base: Vista al Mar	n
28	Luis Alfonso Morales Taleno	Community	Caletas	COM	Trabajo :Radio, Channel 10 Residencia :Base: Mariposa	s
29	Elizabeth Mendoza Rojas	Community	Caletas	COM	Trabajo :Radio, Channel 10 Residencia :Base: Mariposa	n
30	Pablo Riba Hernández		Caletas	OTR	Trabajo :Radio, channel 10 Residencia :	n

Date: Sep.30, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
31	Jan Masek	Cocalito (Cabinas owner)	Drake	TOUR	Trabajo : 290-1328 Residencia :	n
32	Joanne Carter	Conexiones (travel agent)	San José	TOUR	Trabajo : 290-1328 Residencia : 290-1348	n
33	Isabel Salazar	Horse rental	Agujitas	TOUR	Trabajo : 283-8225 (message) Residencia :	s
34	Fred Maschmeier	Sport fishing	Boca Río Drake	TOUR	Trabajo : 380-4763 Residencia :	n
35	Cristóbal Atencio	Community	Drake	COM	Trabajo : (public) 770-8051 Residencia : 770-8002	n
36	Mike Kalmach	La Paloma Lodge	Drake	TOUR	Trabajo : 239-0954 Residencia :	n
37	Norleng Rojas Montero	Community	Agujitas	COM	Trabajo : (public) 770-8051 Residencia :	n
38	Carlos Amaya Castro	Community	Rincón/ San Josecito	COM	Trabajo : Residencia : 3834209	n
39	Rolando Mora Segura	Community	Agujitas	COM	Trabajo : (public) 770-8051 Residencia :770-7210	n
40	Fernando Cháves Mora	Community	Agujitas	COM	Trabajo : (public) 770-8051 Residencia :770-7210	n
41	Carlos Ovares Villalobos	Community	Agujitas	COM	Trabajo : (public) 770-8051 Residencia :770-7210	n
42	Ronald Cordero Quirós	Community	Agujitas	COM	Trabajo : (public) 770-8051 Residencia :770-7210	n
43	Deybit Markus Mendoza	Community	Agujitas	COM	Trabajo : Residencia :	s / n
44	Marcos Reyes Figueroa	ACOSA (Group Osa Conservation Area)MINAE	Los Planes	GOV	Trabajo : Residencia :	n
45	Adrian Quirós	Agriculture		COM	Trabajo : Residencia :	n

Date: Sep.30, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
46	Mateo Montes Cárdenas	Agriculture	San Juanillo/ Santa Cruz	COM	Trabajo : Residencia :	n
47	Esther Monge Sequeira	Housekeeper	Agujitas	COM	Trabajo : Radio, Channel 16 Residencia : Base: Rancho Corc.	n
48	Ronald Segura Z.	Agriculture	Agujitas	COM	Trabajo : Residencia :	n
49	Zobeyda Pérez C.	Paloma Lodge	Los Planes	TOUR	Trabajo : Residencia :	n
50	Eduardo Valverde	Nature Guide	Playa Cocalito	TOUR	Trabajo : Residencia :	n
51	Alejandro Taleno	Agriculture	Rincón/ San Josecito	COM	Trabajo : Radio Channel 10 Residencia : Base: Rincón	n
52	Carlos Zúñiga López	Agriculture	Rincón/ San Josecito	COM	Trabajo : Residencia :	n
53	Grethel Mora Muñoz	Seamstress	Drake	COM	Trabajo : (public) 770-8051 Residencia :	n
54	Hernán Zambrano	Agriculture	Los Angeles	COM	Trabajo : (public) 770-8051 Residencia :	n
55	Joaquín Mosquera	Jinetes de Osa (boat operator)	Drake	TOUR	Trabajo : (public) 770-8051 Residencia :	s
56	Manuel Murillo Palma	Agriculture	Agujitas	COM	Trabajo : (public) 770-8051 Residencia :	n
57	Marta Pérez M.	Cabinas Jade Mar	Agujitas	TOUR	Trabajo : Residencia : 384-6681	s
58	Juan Bautista Jiménez	Agriculture	Los Planes	COM	Trabajo : Residencia :	n
59	José F. Rojas V.	Agriculture	Drake	COM	Trabajo : Residencia :	n
60	Jorge Gómez	Agriculture	Los Planes	COM	Trabajo : Residencia :	n

Date: Sep.30, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
61	José Alberto Alpízar L.	UNIEXPORT	Drake	NGO	Trabajo : Residencia : 441-7744	n
62	Analive Salazar	Housekeeper	Agujitas	COM	Trabajo : 296-2190 / Pedro Garro Residencia : 224-2400	n
63	Zacarías Alemán V.	Community	Drake	COM	Trabajo : Residencia :	s / n
64	Rosa Mabel Jiménez Rojas	Housekeeper	Drake	COM	Trabajo : Residencia :	n
65	Zobeida Mendoza Rojas	Agua de Osa (bartender)	Drake	TOUR	Trabajo : Residencia :	n
66	Enrique Vongeninden	Guide	Caletas	TOUR	Trabajo : Residencia :	s / n
67	Pánfilo Fajardo	Agriculture	Los Planes	COM	Trabajo : Residencia :	n
68	Elmer Baltodano G.	Guard	Caletas	COM	Trabajo : Residencia :	n
69	Stephen Weston	Nature Guide	San José	TOUR	Trabajo : Residencia :	s / n
70	Emiliano González	MINAE	Drake	GOV	Trabajo : 735-5036 Residencia : 770-8051	n
71	Sierra Goodman	Cabinas Delfín Amor	Drake	TOUR	Trabajo : Residencia : 394-2632	s
72	Pedro Jiménez	Agua de Osa (gardener)	Drake	TOUR	Trabajo : Residencia :	n
73	David Argüello U.	Cabinas Las Caletas	Caletas	TOUR	Trabajo : Residencia : 381-4052	n
74	Eugenio Bermúdez	Cabinas Las Caletas	Caletas	TOUR	Trabajo : Residencia : 381-4052	n
75	Yolanda Hess Schneider	Cabinas Las Caletas	Caletas	TOUR	Trabajo : Residencia : 381-4052	s

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
76	Edwin Núñez Núñez	Construction	Drake	COM	Trabajo : Residencia :	n
77	Sergio A. Jiménez Rojas	Local Guide	Agujitas	TOUR	Trabajo : Residencia :	s / n
78	Daniel Cordero Quirós	Student	Agujitas	COM	Trabajo : Residencia :	n
79	Pedro Caravaca G.	Carpenter	Agujitas	COM	Trabajo : Residencia :	n
80	Freddy Pomares R.	Agriculture	El Progreso	COM	Trabajo : Residencia :	n
81	Oscar Morales	Agriculture	Caletas	COM	Trabajo : Residencia :	n
82	Geiner S. V.	Captain of boat	Caletas	COM	Trabajo : Residencia :	n
83	Johan Rojas Acuña	Captain of boat	Caletas	COM	Trabajo : Residencia :	n
84	Minor Rojas Jirón	Foreign property's maintenance	Caletas	COM	Trabajo : Residencia :	n
85	Javier Fernández	Agua de Osa	Drake	TOUR	Trabajo : Residencia :	n
86	José L. Segura Z.	Maintenance	Agujitas	COM	Trabajo : Residencia :	n
87	Olivier Flores Murillo	Agriculture	Agujitas	COM	Trabajo : Residencia :	n
88	Kathya Alvarado González	Housekeeper	Agujitas	COM	Trabajo : Residencia :	n
89	Richard Alvarado Rosales	Boat	Agujitas	COM	Trabajo : Residencia :	n
90	Zenén García Alemán	Agriculture	Los Planes	COM	Trabajo : Residencia :	n

Date: Sep.30, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
91	Gregorio Alemán Valencia	Agriculture	Los Planes	COM	Trabajo : Residencia :	s / n
92	Bernardo Pomares	Agriculture	El Progreso	COM	Trabajo : Residencia :	n
93	German Baltodano	Agriculture	Caletas	COM	Trabajo : Residencia :	s
94	Petrona Cano	Housekeeper	Agujitas	COM	Trabajo : Residencia :	s
95	Teresa Obando M.	Housekeeper	Agujitas	COM	Trabajo : Residencia :	s
96	Teresa Quesada Esquivel	Housekeeper	Agujitas	COM	Trabajo : Residencia :	n
97	Yamileth González	Housekeeper	Drake	COM	Trabajo : Residencia :	n
98	Elia González	Housekeeper	Drake	COM	Trabajo : Residencia :	n
99	Elizabeth Aguilar	COOPEAGROPAL (palm plantation)	Los Angeles	COM	Trabajo : Residencia :	n
100	Mario Urbina	Agriculture	Los Angeles	COM	Trabajo : Residencia :	n
101	Carmen Quirós Oviedo	Pastor (preacher)	Drake	COM	Trabajo : Residencia :	n
102	Teodoro Pérez Carrillo	Carpenter	Los Planes	COM	Trabajo : 770-8051 Residencia : 770-8210	n
103	Asdrúbal Mora Jiménez	Boat Owner	Drake	COM	Trabajo : 770-8051 Residencia : 770-8210	n
104	Eduardo Miranda O.	Cabinas	Drake	TOUR	Trabajo : Residencia : 770-8002	n
105	Franklin Araya Hernández	Tourist transportation	Caletas	TOUR	Trabajo : Residencia : 395-3443	s

Date: Sep.30, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
106	Zenón Hernández Díez	Agriculture	Los Planes	COM	Trabajo : Residencia :	n
107	Omar Flores	Agriculture	Agujitas	COM	Trabajo : Residencia :	n
108	Alberto Castro	Agriculture	El Progreso	COM	Trabajo : Residencia :	n
109	Alvaro Jiménez	Agriculture	Los Planes	COM	Trabajo : Residencia :	n
110	Orlando Mora	Agriculture	Drake	COM	Trabajo : Residencia :	n
111	José Angel Garro A.	Agriculture	El Progreso	COM	Trabajo : Residencia :	n
112	Lucía de la Ossa	Biologist	Caletas	OTR	Trabajo : Residencia :	n
113	Antonio Fernández	Agriculture	El Progreso	COM	Trabajo : Residencia :	s
114	Celestina Jiménez Gómez	Housekeeper	El Progreso	COM	Trabajo : Residencia :	n
115	Emilley Fernández Jiménez	Community	El Progreso	COM	Trabajo : Residencia :	s / n
116	Yessenia Fernández Jiménez	Community	El Progreso	COM	Trabajo : Residencia :	s / n
117	Jeanett Chavez Agüero	Housekeeper	Caletas	COM	Trabajo : Residencia :	s / n

Tourism Business (TOUR) 28
Community (COM) 74
Government (GOV) 3
Non-government Organization (NGO) 7
Others (OTR) 5
Total: 117

Date: Oct.20, 00

Place: Sta. Teresa

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunió
1	Mario Collado Astacio	Cabinas Bosquemar	Mal País	TOUR	Trabajo : Residencia :640-0074	n
2	Nautilio Jiménez Fonseca	Bar, restaurant and Cabinas	Bello Horizonte, Manzanillo	TOUR	Trabajo : Residencia :	n
3	Ingo Mohnssen	Cabinas Playa Santa Teresa	Santa Teresa	TOUR	Trabajo : Residencia :640-0137	n
4	Verne Moreland	Selt, Land owner	Santa Teresa	OTR	Trabajo : Residencia :640-0122	n
5	Lola Pereira Varela	resident	Mal País	COM	Trabajo : Residencia : 640-0046	n
6	Cándido Gascó	resident	Mal País	COM	Trabajo : Residencia : 640-0046	n
7	Marcos Campos Bermudez	Municipality of Puntarenas	Puntarenas	GOV	Trabajo :661-0250 ext. 106 Residencia :	n
8	Carlos Leitón Zamora	Inspector MTZ Municipality of Puntarenas	Puntarenas	GOV	Trabajo :661-0250 ext. 106 Residencia :	n
9	Owen Atkey	Mambo Café Restaurant	Playa Carmen	TOUR	Trabajo : Residencia :640-0110	n
10	Pedro Antonio Espinoza Narvaes	Farmer	Manzanillo	COM	Trabajo : Residencia :656-0090	n
11	Richard Guy	Tourism Office (Tours)	Santa Teresa	TOUR	Trabajo : Residencia :	n
12	Carlo Giorgetti	Cabinas Ritmo Tropical	Mal País	TOUR	Trabajo :640-0174 Residencia :	n
13	Miguel Guerrero	Restaurant and horse rent	Santa Teresa	TOUR	Trabajo : Residencia :	n
14	Miguel Aja	Ritmo Tropical Restaurant	Santa Teresa	TOUR	Trabajo : Residencia :6400174	n
15	Toby Meinken	Restaurant and Diving Center	Mal País	TOUR	Trabajo : Residencia :640-0169	n

Date: Oct.20, 00

Place: Sta. Teresa

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunió
16	Cristina Fisher	Restaurant and Diving Center	Mal País	TOUR	Trabajo : Residencia :640-0169	n
17	Cenón Cortés Castrillo	Cabinas Zenida	Santa Teresa	TOUR	Trabajo : Residencia : 640-0118	n
18	Alfred Bittl	Cabinas Alfredo	Mal País	TOUR	Trabajo : Residencia :640-0184	n
19	Alcides Fernández Elizondo	Inspector Municipality of Cóbano	Cóbano	GOV	Trabajo : Residencia :642-0238	n
20	José Cortés Castrillo	Tourist Information Office	Mal País	TOUR	Trabajo : Residencia : 640-0071	n
21	Ivón Khan	The Place Hotel	Mal País	TOUR	Trabajo : Residencia :640-0001	n
22	Nikolas Berger	The Place Hotel	Mal País	TOUR	Trabajo : Residencia :640-0001	n
23	Marco Benevides Moraga	DRIP Prject (MAG)	Paquera	GOV	Trabajo :641-0035 Residencia :	n
24	Joke Vuurmans	DRIP Prject (MAG)	Paquera	GOV	Trabajo :641-0035 Residencia :	n
25	Xavier Roquejeoffre	Cabinas Project	Santa Teresa	TOUR	Trabajo : Residencia :	n
26	Brent Strad	Cabinas Project	Santa Teresa	TOUR	Trabajo : Residencia :	n
27	Silvia Arroyo Monge	Cabinas Project	Santa Teresa	TOUR	Trabajo : Residencia :	n
28	Juan Rafael Tenorio Porras	Resident	Mal País	COM	Trabajo : Residencia :640-0157	n
29	José Alberto eón Elizondo	Farmer	Mal País	COM	Trabajo : Residencia :	n
30	Xenia Zamora Paniagua	Housewife	Mal País	COM	Trabajo : Residencia :640-0097	n

Date: Oct.20, 00

Place: Sta. Teresa

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunió
31	Luis Angel Mena Aguilar	ASEPALECO	Lepanto	NGO	Trabajo :650-0607 Residencia :	n
32	Juan de Tomás	Discotheque and Bar	Santa Teresa	TOUR	Trabajo : Residencia :640-0190	n
33	Frank Cortés	Frank's Place	Santa Teresa	TOUR	Trabajo : Residencia :640-0096	n
34	Alex Barnett	Mary's Restaurant	Mal País	TOUR	Trabajo : Residencia :640-0153	n
35	Mariluz Nuñez Tenorio	Mary's Restaurant	Mal País	TOUR	Trabajo : Residencia :640-0153	n
36	Marta Zamora Castrillo	Housewife	Mal País	COM	Trabajo : Residencia :640-0087	n
37	Dora Castrillo Vásquez	Housewife	Mal País	COM	Trabajo : Residencia :640-0044	n
38	Carlos Castrillo Castrillo	Guard, MINAE	Mal País	GOV	Trabajo : Residencia :640-0087	n
39	Pía Plant	Restaurant	Santa Teresa	TOUR	Trabajo : Residencia :640-0013	n
40	Francisca Gottschall	Café "Bambú"	Mal País	TOUR	Trabajo :640-0169 Residencia :640-0162	n
41	Warren Soto	DEIPSA Enterprise. Integral Managerial Development	Jicaral	OTR	Trabajo :650-0075 Residencia :	n
42	Carlos Villalobos H.	DEIPSA Enterprise. Integral Managerial Development	Jicaral	OTR	Trabajo :650-0075 Residencia :	n
43	Steven Morris	House renting and volunteer in Cabo Blanco Nat. Reserve	Mal País	TOUR	Trabajo : Residencia :640-0094	n
44	Juan José Cubero	Plumber	Santa Teresa	OTR	Trabajo : Residencia :	n
45	Maricruz Banell	House renting	Mal País	TOUR	Trabajo : Residencia :640-0065	n

Date: Oct.20, 00
Place: Sta. Teresa

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
46	Angle Moya A.	Fisherman	Mal País	COM	Trabajo : Residencia :	n
47	Edwin Barrientos Rodríguez	Entrepreneur	Santa Teresa	OTR	Trabajo : Residencia : 640-0011	n
48	Moisés Zamora Paniagua	Tourism (works as driver, guard, and labourer for some Canadian people	Santa Teresa	TOUR	Trabajo : Residencia :640-0115	n
49	Juan León	Bus driver. Mal País-Cóbano- Santa Teresa Route	San Isidro de Cóbano	TOUR	Trabajo : Residencia :	n

Tourism Business (TOUR) 28
Community (COM) 9
Government (GOV) 6
Non-government Organization (NGO) 1
Others (OTR) 5
Total: 49

Date: Oct.18, 00

Place: San Juanillo

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	Albin Sibaja Mora	Farmer	San Juanillo	COM	Trabajo : Residencia : 680-1822	n
2	Wilberth Guevara Matarrita	Heath technician (EBAIS)	San Juanillo	GOV	Trabajo : 6800794 Residencia :	s
3	Jorge García Medina	Farmer	San Juanillo	COM	Trabajo : Residencia :680-0797	n
4	Eliecer Martinez G.	Fisherman	San Juanillo	COM	Trabajo : Residencia :680-0797	n
5	Luis Antonio Gutiérrez Zúñiga	Farmer	San Juanillo	COM	Trabajo : Residencia :680-0797	n
6	Viterbo Leal Matarrita	Farmer	Santa Cecilia/ San Juanillo	COM	Trabajo : Residencia :680-0797	n
7	Teófilo Zamora Ugarte	Fisherman	San Juanillo	COM	Trabajo : Residencia :680-0797	n
8	Raider Joaquín Dávila Zoreano	Fisherman	San Juanillo	COM	Trabajo : Residencia :680-0797	n
9	José Eduardo Álvarez Araya	Engineer / Economist	San Juanillo	OTR	Trabajo : CCSS 380-5270 Residencia : OFFICE 295-2004	n
10	Máximo Leal Cabalceta	Farmer	San Juanillo	COM	Trabajo : Residencia : 680-0797	n
11	Chris Simmons	Entrepreneur Playa Tamarindo	Tamarindo	OTR	Trabajo : 653-073 Residencia :fax 653 0074	n
12	Keneth Saborío	Entrepreneur Playa Tamarindo	Tamarindo	OTR	Trabajo :653-073 Residencia :fax 653 0074	n
13	Marco Antonio Valverde Méndez	Farmer	San Juanillo	COM	Trabajo : Residencia : 680-0797	n
14	Juan Coronado Dinarte	Occational worker (agriculture and livestock)	San Juanillo	COM	Trabajo : Residencia : 682-0185	n
15	José Olger Morales Espinoza	Fisherman	San Juanillo	COM	Trabajo : Residencia :680-0797	n

Date: Oct.18, 00

Place: San Juanillo

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	Henry García Zamora	Development Association	San Juanillo	COM	Trabajo : Residencia :680-0797	n
17	Leonilta López López	Housewife	San Juanillo	COM	Trabajo : Residencia : 680-0797	n
18	Emelina Morales Espinoza	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n
19	Rezso Szabo	Rancho Brovilla Hotel	Rayo, Ostional	TOUR	Trabajo :380-5639 Residencia :258-1732	n
20	Horst Blehincer	Rancho Brovilla Hotel	Rayo, Ostional	TOUR	Trabajo :380-5639 Residencia :258-1732	n
21	Georgina Gutiérrez	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n
22	Brunilda Martinez Herrera	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n
23	Eduardo Vargas G.	President Fishermen's Assoc.	San Juanillo	COM	Trabajo : Residencia :680-0797	n
24	Emilce Morales Gutiérrez	Retired (farmer)	San Juanillo	COM	Trabajo : Residencia :680-0797	n
25	Edwin Espinoza Matarrita	Fisherman	San Juanillo	COM	Trabajo : Residencia : 680-0797	n
26	Evelia Morales Espinoza	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n
27	Lucía Briones Arrieta	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n
28	María Teresa Ramírez Jiménez	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n
29	Edwin Ortiz Ortiz	Inspector Municipality Sta Cruz	Santa Cruz	GOV	Trabajo :6800101 Residencia :	s
30	Jenny Morales Soto	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n

Date: Oct.18, 00
Place: San Juanillo

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
31	Carmen Sandoval López	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n
32	Greivin Sandoval Aguilar	Fisherman	San Juanillo	COM	Trabajo : Residencia :680-0797	n
33	Dinia Espinoza López	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n
34	Isabel Morales Espinoza	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n
35	Juana López López	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n
36	Eliecer Martinez Martinez	Occasional worker (agriculture and livestock)	San Juanillo	COM	Trabajo : Residencia :680-0797	n
37	Ana Sabet Muñoz Morales	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n
38	Hioney Muñoz González	Farmer	Marbella	COM	Trabajo : Residencia :380-0467	n
39	Lucas Collins	Nilaya S.A. Owner of a big farm	San Juanillo	COM	Trabajo : Residencia :388-4967	n
40	Vilma Cabalzeta	Housewife	San Juanillo	COM	Trabajo : Residencia :680-0797	n

Tourism Business (TOUR) 2

Community (COM) 33

Government (GOV) 2

Non-government Organization (NGO) 0

Others (OTR) 3

Total: 40

Date: Nov. 9, 00

Place: Santa Teresa

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	Pedro Espinoza N.	Farmer	Manzanillo	COM	Trabajo : Public phone Residencia : 656-0090	n
2	Nautilio Jiménez	Commerce	Manzanillo	OTR	Trabajo : Public phone Residencia : 656-0090	s
3	Alfred Bittl	House renting	Malpaís	OTR	Trabajo : Residencia :	s
4	Kerstin Fisher	House renting	Malpaís	OTR	Trabajo : Residencia :	n
5	Junior Cortés Castillo	Cabinas Zeneida	Santa Teresa	TOUR	Trabajo : Residencia :	s
6	Lola Pereira	Resident	Malpaís	COM	Trabajo : Residencia :640-0046	s
7	Juan José Cubero Pérez	Plumber	Santa Teresa	OTR	Trabajo : Residencia :	s
8	Cándido Gascó Sequí	Pensionate	Malpaís	COM	Trabajo : Residencia :640-0046	s
9	Jean Pierre Pineault	Lawyer	Santa Teresa	OTR	Trabajo : Residencia :640-0115	n
10	Ingo Mohnsen	Commerce	Malpaís	OTR	Trabajo : Residencia :640-0137	s
11	Silvia Arroyo Monge	Entrepreneur	Santa Teresa	OTR	Trabajo : Residencia :	s
12	Javier Roquejeoffre	Entrepreneur	Santa Teresa	OTR	Trabajo : Residencia :	s
13	Kerstin Fisher	Commerce	Malpaís	OTR	Trabajo : Residencia :640-0169	s
14	Toby Meinzen	Commerce	Malpaís	OTR	Trabajo : Residencia :640-0169	s
15	Mayra Fernández Leiva	Psicóloga	Malpaís	OTR	Trabajo :642-0208 Residencia :	n

Date: Nov. 9, 00

Place: Santa Teresa

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	José Eladio Cortés Castrillo	Tourist Information Office	Malpaís	TOUR	Trabajo :640-0041 Residencia :640-0096	s
17	Moisés Zamora P.	Tourist Worker	Malpaís	TOUR	Trabajo : Residencia :	s
18	Julien Grousset	Cabinas	Malpaís	TOUR	Trabajo : Residencia :	s
19	Xenia Zamora P.	Housekeeper	Malpaís	OTR	Trabajo : Residencia :640-0097	n
20	Verne Moreland	Self-Enginier	Santa Teresa	OTR	Trabajo : Residencia :640-0122	s
21	José A. León	Farmer	Malpaís	COM	Trabajo : Residencia :640-0097	n
22	Brent Strad	Resident	Santa Teresa	COM	Trabajo : Residencia :	s
23	Miguel A. Jiménez	Manager Ritmo Tropical	Malpaís	TOUR	Trabajo : Residencia :640-0174	s
24	Marta Zamora C.	Housekeeper	Malpaís	OTR	Trabajo : Residencia :640-0087	s
25	Dora Castrillo Vásquez	Resident	Malpaís	COM	Trabajo : Residencia :	s
26	Carlos Castrillo Castrillo	Park ranger	Malpaís	ENV	Trabajo : Residencia :640-0087	s
27	Nathaniel Grew	ARIO SA	Manzanillo	OTR	Trabajo :380-3798 Residencia :269-68-37	n
28	Víctor Salas Méndez	Retired	Santa Teresa	OTR	Trabajo : Residencia :640-0017	n
29	Denia Salas Segura	Dependent	Santa Teresa	OTR	Trabajo : Residencia :	n
30	Jessie Cerdas Jiménez	School Student	Santa Teresa	OTR	Trabajo : Residencia :640-0018	n

List of Participants by Interest Group

Date: Nov. 9, 00

Place: Santa Teres

No.	Nombre (Letra Imprenta ó Letra Muy)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
31	Alcides Fernández	Inspector Municipality of Cóbano	Cóbano	GOV	Trabajo : Residencia :	s
32	Ronny Salazar G.	Supermarket and Restaurant	Cóbano	TOUR	Trabajo : Residencia :640-0123	n
33	Oscar Zamora V.	Sunset Reef	Malpaís	TOUR	Trabajo : Residencia :640-0012	n
34	Leonardo García T.	Tropicana Restaurant	Cruce	TOUR	Trabajo : Residencia :640-0190	s
35	Jeannette Stuart Campos	Mar Azul	Malpaís	OTR	Trabajo : Residencia :	n
36	Javier F. de Lamor	Tropicana Restaurant	Cruce	TOUR	Trabajo : Residencia :640-0190	s

Tourism Business (TOUR)	9
Community (COM)	6
Government (GOV)	1
Non-government Organization (NGO)	0
Environment (ENV)	1
Others (OTR)	19
Total:	36

Date: Nov.24, 00
Place: Pto. Jimenez

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	Robernal Almeida	Cecropia Foundation	Puerto Jiménez	ENV	Trabajo :735-5532 Residencia :735-5369	n
2	María Luisa Salas Alanis	Concession association Playa Blanca	Playa Blanca	OTR	Trabajo :735-5198 Residencia :	s
3	José A. Montero	Association Playa Blanca	Playa Blanca	OTR	Trabajo :735-5198 Residencia :	s
4	Cecilia Solano	Osa Land Office	Puerto Jiménez	OTR	Trabajo :735-5626 Residencia :	s
5	Jeff Lantz	Osa Land Office	Puerto Jiménez	OTR	Trabajo :735-5626 Residencia :	s
6	Eladio Barroso	La Palma	La Palma	OTR	Trabajo :775-0355 Residencia :	n
7	Fabio Montero	Municipality of Golfito	Puerto Jiménez	GOV	Trabajo :735-5279 Residencia :	s
8	Seidy Miranda	Playa Blanca Tourism Center	La Palma	TOUR	Trabajo :392-0183 Residencia :	n
9	María Antonia Vega	Coopepalma	La Palma	OTR	Trabajo :775-0033 Residencia :	n
10	Mireya Chavarria	Coopecorcovado	La Palma	OTR	Trabajo :775-0433 Residencia :	s
11	Angela Marchena	Development association	La Palma	COM	Trabajo :226-2400 Residencia :	n
12	Alfredo Quintero	National Production Council	Puerto Jiménez	OTR	Trabajo :775-5014 Residencia :	n
13	Patricia Murillo	Agriculture Association	Cañaza	OTR	Trabajo :770-1843 Residencia :	n
14	Wilfredo Viava	MAG	Puerto Jiménez	GOV	Trabajo :735-5064 Residencia :	n
15	Esteban Anchia	Development association	La Palma	COM	Trabajo :735-5064 Residencia :	n

List of Participants by Interest Group

Date: Nov.24, 00

Place: Pto. Jimenez

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	Gerardo Jiménez	INA	San Isidro	GOV	Trabajo :771-0505 Residencia :770-1961	n
17	Juvenal Ríos Sancho	President Development Assoc.	La Palma	COM	Trabajo :775-0433 Residencia :	n
18	Hector González	Cecropia Foundation	Puerto Jiménez	ENV	Trabajo :735-5532 Residencia :	s
19	José Francisco Pastora	Osa Cooperative	Cañaza	OTR	Trabajo : Residencia :	s
20	Reyes Calderón	Osa Cooperative	Cañaza	OTR	Trabajo : Residencia :	s
21	Pia María Centeno Centeno	Community	Cañaza	COM	Trabajo : Residencia :	n
22	Zaida Peraza Chacón	Playa Preciosa	Puerto Jiménez	OTR	Trabajo : Residencia :	n
23	Lidiette Franceschi	Tourism Association	Puerto Jiménez	TOUR	Trabajo : Residencia :735-5007	s
24	Pedro Palma Espinoza	Association Small Farmers	Cañaza	OTR	Trabajo :770-1843 Residencia :	n
25	Carlos Yock Fung	Fisherman	Puerto Jiménez	COM	Trabajo :735-5033 Residencia :	s
26	Jean Pierre Smith C.	Community	Puerto Jiménez	COM	Trabajo : Residencia :735-5564	s
27	Alexis A. Yock F.	Osa Natural	Puerto Jiménez	ENV	Trabajo :735-5440 Residencia :735-5034	s
28	William Jiménez	Tourism	Puerto Jiménez	TOUR	Trabajo :735-5465 Residencia :	s
29	José Bellanero	Tourism	Puerto Jiménez	TOUR	Trabajo :735-5555 Residencia :	n
30	Jean Borner	Environment	Matapalo	ENV	Trabajo :385-0434 Residencia :	s

Tourism Business (TOUR)

Community (COM)

Government (GOV)

Non-government Organization (NC)

Environment (ENV)

Others (OTR)

Total:

4

6

3

0

4

13

30

Date: Nov.22, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Clasificación	Teléfono	Asistencia primera reuni ón
1	William Gutiérrez Sánchez	Naturalist Guide	Agujitas, Drake	ENV	Trabajo :237-7754 Residencia :	s
2	José A. Vargas Elizondo	Mirador Ldge	Drake	TOUR	Trabajo :387-9138 Residencia :	s
3	Gilberto Mendoza Rojas	Farmer	Drake	COM	Trabajo :770-8051 Residencia :	s
4	Susana Pagano	Caño Diver Pirate Cove	Drake	TOUR	Trabajo :380-3670 Residencia :	s
5	Marlene Jiménez	Hotel Drake Bay Wilderness	Drake	TOUR	Trabajo : Residencia :770- 9042	s
6	Yolanda Hess	Tourism	Caletas, Drake	TOUR	Trabajo :381-4052 Residencia :	s
7	Mario González G:	Estero Guerra	Drake	OTR	Trabajo : Residencia :	s
8	Fernando Chaves Mora	Tourism	Drake	TOUR	Trabajo : Residencia :	s
9	Yamileth González García	Tourism	Drake	TOUR	Trabajo : Residencia :	s
10	Félix Mosquera Rivera	Tourist Guide	Drake	TOUR	Trabajo : Residencia :	n
11	Mayra Salazar Alpizar	Housewife	Los Planes, Drake	COM	Trabajo : Residencia :	s
12	Isabel Salazar Alpizar	Housewife	Agujitas, Drake	COM	Trabajo :389-4068 Residencia :	s
13	Cristobal Atencio Bermudez	Construction	Agujitas, Drake	TOUR	Trabajo : Residencia :	s
14	Marta Pérez	Cabinas Jade Mar	Drake	TOUR	Trabajo :384-6681 Residencia :	s
15	Gregorio Chaves	Tourism	Agujitas, Drake	TOUR	Trabajo :385-9541 Residencia :396- 4468	n

Date: Nov.22, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Clasificación	Teléfono	Asistencia primera reuni ón
16	Analive Salazar Alpizar	Housewife	Agujitas, Drake	COM	Trabajo : Residencia :	s
17	Sierra Goodman	Delfin Amor	Caletas, Drake	TOUR	Trabajo :394-2632 Residencia :	s
18	Geiner Sequeira	Delfin Amor	Caletas, Drake	TOUR	Trabajo :394-2632 Residencia :	s
19	Xenia Jiménez	Tesoro Verde Lodge	Los Planes, Drake	TOUR	Trabajo : Residencia :	s
20	Mike Kalmbach	La Paloma Lodge	Drake	TOUR	Trabajo :239-0954 Residencia :	s
21	Oldemar Araya Hdez.	Drake's Development Association	Drake	COM	Trabajo : Residencia :239- 0054	s
22	David Arguello Ugalde	Tourism	Caletas, Drake	TOUR	Trabajo :381-4052 Residencia :	s
23	Steven Lill Coit	President Corcovado Foundation	Drake	ENV	Trabajo :256-6625 Residencia :256- 2404	n
24	Gerardo Jiménez Vasquez	INA	San Isidro	GOV	Trabajo :771-7005 Residencia :	n
25	Alberto Rivera Gómez	Comerce	Agujitas, Drake	OTR	Trabajo : Residencia :	n
26	Bernardo Pomores	Farmer	Drake	COM	Trabajo : Residencia :	s
27	Pedro Caravaca	Carpenter	Agujitas, Drake	OTR	Trabajo : Residencia :	s
28	Armando Porras	Highschool Teacher	Drake	OTR	Trabajo : Residencia :	n
29	Geiner Mora Sibaja	Highschool's Principal	Drake	OTR	Trabajo : Residencia :	n
30	Sandra Obando	Estudent	Drake	OTR	Trabajo : Residencia :	n

Date: Nov.22, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Clasificación	Teléfono	Asistencia primera reuni ón
31	Silena Jiménez	Estudent	Drake	OTR	Trabajo : Residencia :	n
32	Mauricio Rivera Flores	Estudent	Drake	OTR	Trabajo : Residencia :	n
33	Adriana Garro León	Estudent	Drake	OTR	Trabajo : Residencia :	n
34	Nancy Cambrero González	Estudent	Drake	OTR	Trabajo : Residencia :	n
35	Ingrid Murillo Fdez	Estudent	Drake	OTR	Trabajo : Residencia :	n
36	Shirley Rodríguez	Estudent	Drake	OTR	Trabajo : Residencia :	n
37	Carlos L. Rivas López	Estudent	Drake	OTR	Trabajo : Residencia :	n
38	Domingo Martínez Ruíz	Estudent	Drake	OTR	Trabajo : Residencia :	n
39	Luis González Castro	Estudent	Drake	OTR	Trabajo : Residencia :	n
40	Erick González Castro	Estudent	Drake	OTR	Trabajo : Residencia :	n
41	Frederick Santamaría Pérez	Estudent	Drake	OTR	Trabajo : Residencia :	n
42	Greivin Cabezas Calvo	Estudent	Drake	OTR	Trabajo : Residencia :	n
43	Karen Álvares Castro	Estudent	Drake	OTR	Trabajo : Residencia :	n
44	María de los Ángeles Marcus Mend	Estudent	Drake	OTR	Trabajo : Residencia :	n
45	Dinia Monge	Estudent	Drake	OTR	Trabajo : Residencia :	n

Date: Nov.22, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Clasificación	Teléfono	Asistencia primera reuni ón
46	Angélica Adams Salazar	Estudent	Drake	OTR	Trabajo : Residencia :	n
47	David Marcus Mendoza	Estudent	Drake	OTR	Trabajo : Residencia :	n
48	Johnatan Garro León	Estudent	Drake	OTR	Trabajo : Residencia :	n
49	Emilley Fernández Jiménez	Estudent	Drake	OTR	Trabajo : Residencia :	n
50	Bradd Johnson	Hotel Aguila de Osa	Drake	TOUR	Trabajo : Residencia : Trabajo :	n
51	Pedro Garro	Hotel Aguila de Osa	Drake	TOUR	Residencia :296- 5450	s

Tourism Business (TOUR) 17
Community (COM) 5
Government (GOV) 1
Non-government Organization (NC) 0
Environment (ENV) 3
Others (OTR) 25
Total: 51

List of Attendance to the Meeting for Women's AssociationDate: Nov. 29, 00
Place: San Juanillo

No.	Name	JOB	Family Members	Number of Children
1	Georgina Gutiérrez M.	Housewife	4	1
2	Brujilda Martínez Herrera	Housewife	4	1
3	María Teresa Ramírez Jiménez	Housewife	2	0
4	Lucía Brenes Arrieta	Housewife	3	1
5	Margarita Elizondo	Housewife	8	6
6	Vilma Cabalceta	Housewife	3	1
7	Aracelly Elizondo C.	Housewife	4	2
8	Jenny Morales Soto	Housewife	4	2
9	Ana Sabett Muñoz M.	Housewife	6	4
10	Floribeth Elizondo Calderón	Housewife	3	2
11	Isabel Morales E.	Housewife	2	1
12	Jerling Elizondo Calderón	Housewife	2	1
13	Evelia Morales	Housewife	2	1
14	Dinnia Espinoza	Housewife	3	1
15	Karen Hunter	Housewife (Tree Tops)	2	0
16	María Odette Cabalceta M.	Housewife	4	2
17	Jessica Rosales	Housewife	2	0
18	Marlene Soto	School dining hall	3	1
19	Leonilda López	Housewife	3	2

Date: Dec. 9, 00
Place: NICOYA

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	Marvin Rodriguez V.	Tourist enterprise	Nicoya	TOUR	Trabajo : Residencia : 686-6726	n
2	Michael Sandweg G.	Administrator Real State	Nosara	OTR	Trabajo : Residencia : 682-0037	n
3	Carlos A. Esquivel Coronado	Acuario Apartments	Samara	TOUR	Trabajo : Residencia : 656-0037	n
4	Bobby Jones Johnson	Nosara Civic Association	Nosara	NGO	Trabajo : Residencia : 682-0023	n
5	Stephanie Donatelli	Nosara Civic Association	Nosara	NGO	Trabajo : Residencia : 682-0194	n
6	Steve Lopez	Proyecto Hotelero Pta. La Jolla	Paquera	TOUR	Trabajo : 443-9138 Residencia : 433-8289	n
7	Jose Manuel Cartin	ACT - MINAE	Santa Cruz	GOV	Trabajo : Residencia : 680-1930	n
8	Marabely Solano M.	Proyecto Hotelero Pta. La Jolla	Paquera	TOUR	Trabajo : Residencia : 433-8289	n
9	Rafael Alvarez O.	Ortega Small Farmers' Association	Ortega	COM	Trabajo : 651-8152 Residencia : 651-8150	n
10	Saray Cascante C.	Ortega Small Farmers' Association	Ortega	COM	Trabajo : Residencia : 651-8036	n
11	Magdalena Vega Figueroa	President - ADIO	Ostional	COM	Trabajo : Residencia :	s
12	Walter Castillo H.	ADIO	Ostional	COM	Trabajo : Residencia : 682-0470	s / n
13	Eliecer Martinez	Association	San Juanillo	COM	Trabajo : Residencia :	s / n
14	Julian Leiva Rodriguez	ADIO	Ostional	COM	Trabajo : Residencia :	s / n
15	Eduardo Vargas G.		San Juanillo	COM	Trabajo : Residencia :	s

Date: Dec. 9, 00
Place: NICOYA

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	Lucia Briones A.	Housewife	San Juanillo	COM	Trabajo : Residencia :	s
17	Margarita Elizondo C.	Housewife	San Juanillo	COM	Trabajo : Residencia :	s
18	Georgina Gutierrez	Housewife	San Juanillo	COM	Trabajo : Residencia :	s
19	Isabel Morales Espinoza	Housewife	San Juanillo	COM	Trabajo : Residencia :	s
20	Martin Leal	Development Association	San Juanillo	COM	Trabajo : Residencia :	s
21	Vilma Cabalceta Leal	Women Assoc. Committee	San Juanillo	COM	Trabajo : Residencia :	s
22	Sergio Zuñiga	Ostional Association	Ostional	COM	Trabajo : Residencia :682-0470	s / n
23	Gonzalo López B.	Water Committee	Ostional	COM	Trabajo : Residencia :682-0435	n
24	Nicolasa Gutierrez Aviles	Farmers' Committee	Nosara	COM	Trabajo : Residencia :682-0205	s
25	Luis Arrieta G.	Farmers' Committee	Nosara	COM	Trabajo : Residencia :682-0278	n
26	Tomas Chavarria		Ostional	OTR	Trabajo : Residencia :682-0430	n
27	Miguel Rodriguez Agüero	Hotel Rancho Brovilla	Ostional	TOUR	Trabajo :258-0809 Residencia :695-5005	n
28	Gerardo Martinez Muñoz	MINAE	Nicoya	GOV	Trabajo : 685-5667 Residencia :	n
29	Rigoberto Rodriguez H.	MINAE	Cañas	GOV	Trabajo : Residencia : 669-0533	n
30	Juan Carlos Romero	ASOTempisque	Nicoya	NGO	Trabajo : 686-7004 Residencia :	n

Date: Dec. 9, 00
Place: NICOYA

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
31	Jaime Jimenez B.	OTEC Internacional	San Jose	TOUR	Trabajo : 255-4233 Residencia :	n
32	Eduardo Cespedes	Producers' Association Fundacion Doglioni	Nosara	NGO	Trabajo : 682-0022 Residencia :682-0347	s / n
33	Jose Lopez Arce	Producers' Association Development Association	Nosara	NGO	Trabajo :682-0154 Residencia :	n
34	Karin Knappstein de Doglioni	International Tourism Development Corporation	Nosara	TOUR	Trabajo :269-7627 Residencia : 682-0022	n
35	Ubaldo Rodriguez Vega	Agriculture/Livestock Development Association	Garza	COM	Trabajo : Residencia :680-0445	s
36	Oscar Chavarria Alvarez	Development Association	Garza	COM	Trabajo : Residencia : 682-0409	n
37	Miguel Mendez Garcia	MINAE	Hojancha	GOV	Trabajo :'659-9347 Residencia	n
38	David Esquivel	Aventuras Samara	Samara	TOUR	Trabajo : 656-0655 Residencia :	s / n
39	Norma Rodriguez G.	MINAE -ACT	Nicoya	GOV	Trabajo : 686-4967 Residencia : 686-6053	n
40	Ingo Mohnssen	ALDETUS	Santa Teresa	COM	Trabajo : 640-0137 Residencia :	s
41	Eladio Cortes	ALDETUS	Santa Teresa	COM	Trabajo : 640-0071 Residencia :	s
42	Verne Moreland	ALDETUS	Santa Teresa	COM	Trabajo : Residencia : 640-0122	s

Tourism Business (TOUR) 8
Community (COM) 22
Government (GOV) 5
Non-government Organization (NGO) 5
Environment (ENV) 0
Others (OTR) 2
Total: 42

Date: Dec. 13, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	Pedro Garro	Manager Aguila de Osa	Drake	TOUR	Trabajo: 296-2190 Residencia:	s
2	Alejandra Monge	Hotel Jinetes de Osa	Drake	TOUR	Trabajo: Residencia: 371-1598	s
3	Marlene Jiménez	Drake Bay Resort	Drake	TOUR	Trabajo: 770-8012 Residencia:	s
4	Cecilia Rosales M.	Housewife	Drake	COM	Trabajo: Residencia:	s
5	Fred Maschmayr	Cabinas Fred	Drake	TOUR	Trabajo: Residencia: 380-4763	s
6	Sierra Sequeira	Hotel Delfín Amor	Drake	TOUR	Trabajo: Residencia: 394-2632	s
7	Asención Amaya	Hotel owner	Drake	TOUR	Trabajo: Residencia: 383-4209	n
8	Vicenta Castro Céspedes	Housewife	Drake	COM	Trabajo: Residencia: 383-4209	n
9	Asención Amaya G.	Farmer	Drake	COM	Trabajo: Residencia: 383-4209	n
10	Pablo Suazo H.	Boat captain	Drake	TOUR	Trabajo: Residencia: 383-4209	n
11	Geiner Sequeira Valencio	Hotel Delfín Amor	Drake	TOUR	Trabajo: Residencia: 394-2632	s
12	Nancy Aitken	Proyecto Campanario / environmental education	Drake	ENV	Trabajo: Residencia: 282-5898	s
13	Erick Haofman	Volunteer - environmental education	Drake	ENV	Trabajo: Residencia: 282-5898	n
14	Carlos Zúñiga L.	Farmer	Drake	COM	Trabajo: Residencia:	s
15	Olman Zúñiga L.	Farmer	Drake	COM	Trabajo: Residencia:	n

Date: Dec. 13, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	Martin Pérez Mendoza	Conservation - Boca Ganado Project	Drake	ENV	Trabajo: Residencia:	S
17	José Antonio Vargas	Mirador Lodge	Drake	TOUR	Trabajo: 900-224-2400 (Bpr) Residencia: 387-9138	S
18	German Baltodano	Farmer	Caletas	COM	Trabajo: Residencia:	S
19	Jason Tress	Cabinas Copa de Arbol - Bahía Pato	Drake	TOUR	Trabajo: Residencia: 387-5562	S
20	Asdrúbal Mora Jiménez	Maritime Transportation of tourists	Drake	TOUR	Trabajo: 770-8210 Residencia: 770-8051	S
21	Eduardo Valverde	Nature Guide	Drake	TOUR	Trabajo: Residencia: 786-7139	S
22	Franklin Araya H.	Horse back riding	Drake	TOUR	Trabajo: Residencia: 395-3443	S
23	Armando Porras A.	Professor Tele high school	Drake	COM	Trabajo: Residencia:	S
24	David Marcus Mendoza	Student	Drake	COM	Trabajo: Residencia:	S
25	María de los A. Marcus Mendoza	Student	Drake	COM	Trabajo: Residencia:	S
26	Silenia Jiménez	Student	Drake	COM	Trabajo: Residencia:	S
27	Nancy Cambronero G.	Student	Drake	COM	Trabajo: Residencia:	S
28	Sandra Cano Obando	Student	Drake	COM	Trabajo: Residencia:	S
29	Dinia Monge Baltodano	Student	Drake	COM	Trabajo: Residencia:	S
30	Johnatan Garro León	Student	Drake	COM	Trabajo: Residencia:	S

Date: Dec. 13, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
31	Emildey Fernández J.	Student	Drake	COM	Trabajo: Residencia:	s
32	Yolanda Hess	Cabinas Las Caletas	Playa Caletas	TOUR	Trabajo: Residencia: 381-4052	s
33	Domingo Martínez	Student	Drake	COM	Trabajo: Residencia:	s
34	David Arguello	Cabinas Las Caletas	Playa Caletas	TOUR	Trabajo: Residencia: 381-4052	n
35	Karen Alvarez Castro	Student	Drake	COM	Trabajo: Residencia:	s
36	Adriana Garro León	Student	Drake	COM	Trabajo: Residencia:	s
37	Shirley Rodríguez L.	Student	Drake	COM	Trabajo: Residencia:	s
38	Federique Santamaría	Student	Drake	COM	Trabajo: Residencia:	s
39	Mauricio Rivera F.	Student	Drake	COM	Trabajo: Residencia:	s
40	Greivin Cabezas C.	Student	Drake	COM	Trabajo: Residencia:	s
41	Ester Monge	Housewife	Drake	COM	Trabajo: Residencia:	s
42	Yamillet González	Housewife	Drake	COM	Trabajo: Residencia:	s
43	Deisy González R.	Housewife	Drake	COM	Trabajo: Residencia:	n
44	Heiner Mora	High school director	Drake	COM	Trabajo: Residencia: 771-9539	s
45	Oldemar Araya F.	Development Association - MINAE	Drake	GOV	Trabajo: Residencia:	s

Date: Dec. 13, 00
Place: Drake

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
46	Ricardo Madrigal	Development Association	Drake	COM	Trabajo: 770-8012 Residencia:	s
47	Carmen Quirós Oviedo	Neighbor	Drake	COM	Trabajo: Residencia:	s
48	Omar Flores	Neighbor	Drake	COM	Trabajo: Residencia:	s

Tourism Business (TOUR) 15
 Community (COM) 29
 Government (GOV) 1
 Non-government Organization (NGO) 0
 Environment (ENV) 3
 Others (OTR) 0
Total: 48

Date: Dec. 14, 00
Place: Golfito

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
1	Elizabeth Jones	Bosque del Río Tigre, Dos Brazos	Puerto Jiménez	TOUR	Trabajo : Residencia :	s
2	Abraham Gallo	Bosque del Río Tigre, Dos Brazos / President Development Committee	Puerto Jiménez	TOUR	Trabajo : Residencia :	s
3	Malcom Miles	Cabinas	Río Claro - Pavones	TOUR	Trabajo : 381-4063 Residencia :	s
4	Mateo Alu	Cabinas	Río Claro - Pavones	TOUR	Trabajo : 381-4063 Residencia :	n
5	Hans Mora	Olas del Sur	Río Claro	OTR	Trabajo : 257-3551 Residencia :	s
6	Lidiette Franceschi	Cabinas Marcelina	Puerto Jiménez	TOUR	Trabajo : 735-5007 Residencia :	s
7	Walter Castellón	Osa Municipality	Puerto Cortés	GOV	Trabajo : 788-8518 Residencia :	s
8	Róger Esquivel	ICE - Región Brunca	San Isidro	OTR	Trabajo : 789-9797 Residencia :	s
9	Tim Packeiser	Cecropia Foundation	Puerto Jiménez	ENV	Trabajo : 735-5532 Residencia :	s
10	Gerardo González Núñez	Cabinas Las Chinitas	Golfito	TOUR	Trabajo : 775-1427 Residencia :	s
11	Carol González Moya	Cabinas Las Chinitas	Golfito	TOUR	Trabajo : 775-1427 Residencia :	n
12	Jaime Jiménez Barrantes	OTEC (Travel agency for outbound to USA) Youth Tourism	San José	TOUR	Trabajo : 255-4233 Residencia :	s
13	Roberval Almeida	Cecropia Foundation	Puerto Jiménez	ENV	Trabajo : 735-5532 Residencia :	s
14	Juan Blanco Salazar	Corcovado Tours	Puerto Jiménez	TOUR	Trabajo : 735-5310 Residencia :	s
15	Celia Aymerich Leiva	Eco Tourist Guides' Association	Golfito	TOUR	Trabajo : 775-1097 Residencia :	s

Date: Dec. 14, 00
Place: Golfito

List of Participants by Interest Group

No.	Nombre (Letra Imprenta ó Letra Muy Clara)	Actividad o institución que representa	Dirección	Classification	Teléfono	Asistió a la primera reunión
16	Elsa Leiva Lázaro	Eco Tourist Guides' Asociation	Golfito	TOUR	Trabajo : 775-1097 Residencia :	n
17	Marlene Ciere	Eco Tourist Guides' Asociation	Golfito	TOUR	Trabajo : 775-1097 Residencia :	s / n
18	Julio Reyes Robles	Eco Tourist Guides' Asociation	Golfito	TOUR	Trabajo : 775-1097 Residencia :	n
19	Philip Spier	Hotel Bosque del Ceibo	Matapalo	TOUR	Trabajo : 735-5206 Residencia :	n
20	Alberto Díaz	Golfito Municipality	Golfito	GOV	Trabajo : 735-0080 Residencia :	s
21	Orlando Sánchez Mata	Commerce	Puerto Jiménez	OTR	Trabajo : 735-5168 Residencia :	n
22	Eva Aguilar Arce	Osa Municipality	Puerto Cortés	GOV	Trabajo : 786-7414 Residencia :	s
23	Hector González	Cecropia Foundation	Puerto Jiménez	ENV	Trabajo : 735-5532 Residencia :	s
24	Danilo Barboza Alvarez	Osa Municipality	Puerto Cortés	GOV	Trabajo : 786-7414 Residencia :	s
25	Billy Clayton	Esquina del Mar	Pavones	TOUR	Trabajo : 394-7676 Residencia :	n
26	Irving Alvarado Castillo	Hotel Golfito	Golfito	TOUR	Trabajo : 775-1447 Residencia :	n
27	Jean Pierre Schmidt	Tourist Guides	Puerto Jiménez	TOUR	Trabajo : 735-5564 Residencia :	s
28	Jeff Lantz	Osa Land Office	Puerto Jiménez	OTR	Trabajo : 735-5626 Residencia : 735- 5648	s
29	Cecilia Solano	Osa Land Office	Puerto Jiménez	OTR	Trabajo : 735-5626 Residencia : 735- 5648	s
30	Seidy Miranda Godínez	Playa Blanca Tourism Center / ASOFE	Puerto Jiménez	TOUR	Trabajo : 392-0183 Residencia :	s

Appendix 8

DEVELOPMENT GUIDELINES FOR LAND USE ZONES IN MARITIME TERRESTRIAL ZONE (MTZ)

In this section, regulations of development and activities are discussed in relation to new land use zones for General Land Use Plans. This discussion is applied only to the Maritime Terrestrial Zones.

Generally the following four types of regulations of development and activities are important:

- 1) Regulation on scale of development and volume of construction
- 2) Regulation on natural resources, such as forests and turtle nesting sites
- 3) Regulation for prevention of natural hazards
- 4) Regulation for activities on turtle nesting beaches and ICT-Municipality Natural Areas

For each type of regulation, basic methods are listed below:

- 1) Regulations on scale of development and volume of construction
 - Maximum Building Coverage Ratio
 - Maximum Floor Area Ratio
- 2) Regulations for keeping good environmental conditions and natural resources, such as forests and turtle nesting sites
 - Green Coverage Ratio
 - Prohibition of cutting existing trees
 - Restriction of building maximum height
 - Set-back of buildings from road and beach
 - Restriction of colors and material of building exteriors

3) Regulations for prevention of natural hazards

- Prohibition of sub-division and construction in river beds and certain areas along rivers and streams
- Prohibition of construction on hazardous areas of land slides
- Prohibition of construction on flood prone areas
- Restriction of land development on steep slope areas

4) Regulations for activities on turtle nesting beaches and ICT-Municipality Natural Areas

- Conservation measures for turtle nesting sites
- Mitigation measures of development along turtle nesting beaches (light control, set-back and height control of buildings)
- Restriction of people's access to turtle nesting beaches at night
- Restriction of permanent construction on ICT-Municipality Natural Areas
- Restriction of construction of facilities for day time activities on ICT-Municipality Natural Areas

In this section, the regulation on scale of development and volume of construction, which are the most basic measures, will be discussed. For regulating development scale and building volume, maximum building coverage ratios and maximum floor area ratios should be specified.

The JICA Study Team recommends that in each land use zone for tourism development, certain lot sizes should be prepared. Therefore, for each lot size in each land use zone, a certain set of building coverage ratios and floor area ratios is designated.

In order to form relatively good building environments in tourism centers, it is important to regulate development in Planned Tourism Development Areas (TAPs), Spontaneous Tourism Development Areas (TAEs) and Tourism Amenity Core Areas (TANs). On the other hand, development in Mixed Tourism and Community Areas (MIXs) could be regulated less restrictively than TAP and TAE.

The following table gives an example of regulation by floor area ratios and building coverage ratio:

Table 8.1 Example of Regulation by Floor Area Ratios and Building Coverage Ratio

Land Use Zone	Lot Size (m ²)	Floor Area Ratio (%)	Building Coverage Ratio (%)	Remark
TAP	Over 10,000m ²	30%	15%	
	5,000~10,000m ²	40%	20%	
TAE	Over 10,000m ²	30%	15%	Same regulations as TAP are applied.
	5,000~10,000m ²	40%	20%	
	1,500~5,000m ²	40%	35%	
	Under 1,500m ²	50%	40%	
TAN	5,000~10,000m ²	60%	40%	Higher density development is allowed to form a compact core area and to create space for public facilities, such as parking, shower and toilets.
	1,500~5,000m ²	60%	40%	
	Under 1,500m ²	100%	40%	
MIX	Over 10,000m ²	40%	20%	Less strict regulations are applied than TAE.
	5,000~10,000m ²	50%	25%	
	1,500~5,000m ²	50%	30%	
	Under 1,500m ²	60%	55%	

It is desirable to have a standard regulation system for land use zones of General Land Use Plans so that investors can understand what kind of development is allowed in each Tourism Center. This table could be a starting point for further discussion and investigation.

Appendix 9

LAND USE ZONES FOR GENERAL LAND USE PLANS AND LAND USE ZONES FOR REGULATORY LAND USE PLANS

The JICA Study proposed new land use zones for General Land Use Plans (a scale of 1: 25,000). At the stage of regulatory land use planning, it is necessary to conduct detailed land use planning (at a scale of 1: 2,000), in which detailed land use zones should be designated.

The land use zones for regulatory land use planning are different from those for General Land Use Planning. Table 9.1 shows a list of typical land use zones that tend to appear in regulatory land use plans. And also this table suggests possible relations between the land use zones for regulatory plans and those for General Land Use Plans.

Different regulatory plans have used different detailed land use zones. However, it is desirable to set a standard set of detailed land use zones for coastal regulatory plans, because it is possible to conduct more systematic law enforcement and easier to understand the land use system. Therefore, this table could be a starting point for further discussion on standard detailed land use zones for planning.


Table 9.1 Relationship between Land Use Zones for General Land Use Plans and Land Use Categories for Coastal Regulatory Plans

Coastal Regulatory Plan		General Land Use Plan											
		T					M	C				N	
Land Use Type		TAN	TAP	TAE	TAC	TCD		CAN	CAR	CAP	CBP	NAI	NAD
A	Hotel Zone				X	X		X	X	X	X	X	X
	Cabin Zone	X			X			X	X	X	X	X	X
	Tourist Lodging Zone	X			X	X		X	X	X	X	X	X
	Tourist Facility Zone											X	
B	Tourist Residential Zone	X	X		X	X		X		X	X	X	X
	Recreational Residential Zone	X	X		X	X		X		X	X	X	X
C	Commercial Zone					X						X	X
	Basic Service Zone					X						X	
	Cooperative Zone					X						X	X
	Communal Institution Zone					X						X	X
	Public Facility Zone					X						X	X
D	Local Residential Zone	X	X		X	X				X	X	X	
E	Camping Zone	X	X			X		X	X	X	X	X	X
	Sports Zone	X	X			X		X	X	X	X		
	Park Zone	X	X			X		X	X	X	X		
	Green Zone	X	X			X		X	X	X	X		
	Eco-tourism Zone	X	X			X		X	X	X	X		
	Agro-tourism Zone	X	X			X		X	X	X	X		
F	Nature Protection Zone												
	Wetland Protection Zone												
	Erosion Protection Zone												
	Natural forest Protection Zone												
G	Agriculture Zone	X	X		X	X	X	X	X	X			
	Livestock Zone	X	X		X	X	X	X	X	X			
	Fishing Activity Zone	X	X	X	X	X	X	X	X		X		
H	Road										X		
	Parking Zone										X		

Applied

Under Conditions

X Not Applied

 Absolute Protection