

TRAINING PLAN FOR USERS GROUPS OF COASTAL AND MARINE RESOURCES

Date: June - November 2002

Responsible: Fanny R. Howard

Introduction

The overall goal of the Caribbean Biosphere Reserve: Regional Marine Protected Area System Project is to ensure biodiversity conservation and sustainable resource use. Few communities can afford to have an adequate payroll to do enforcement in the marine protected areas, so it is wise to get the people living in these areas to be aware of the needs to get sustainability in managing the ecosystems and also present this to them as a moral obligation to be involved for their own benefit. It is much more effective to promote their participation in the management strategic awareness plans to enhance marine "protection ethic" among students, teachers, resource users and general public.

One of the ways to accomplish this is to train the community and get them to participate in the management of the area. Stakeholders and users must be trained in resource management and learn ways to reduce human threats to the marine and coastal ecosystems. Internalizing these new attitudes about the environment care is an educational process done especially through outreach measures such as public announcements, meetings and courses.

The stakeholders are the key to a successful management. This is a fact that has been concluded in different meetings and has been proven all over the world in the management of MPAs. More so in the Caribbean, where the anthropogenic threats appear to be bigger since there are many activities going on these small masses of land. Also these islands, because of their geographical situation and other factors receive greater influence from the activities carried out on the continent and in the oceans.

Public awareness among stakeholders is key to public support and in the general success of conservation. The most important goal is to explain the long term benefits that conservation can provide. When you give environmental education, information to communities you create a positive atmosphere in conservation ethic. The community is benefited also that they can attain goals of equity and its members can make informed decisions about the use of their resources.

That then is the essential goal if we want a successful management, so it is expected that in a few years, community attitudes have changed and that they have learned methods to reduce threats to the resources and to use them in a sustainable manner.

At the present time we are in the participatory planning stage of our project, it is necessary to build capacity within the community, to train not only the stakeholders, but other educational community in regard to different aspects of managing MPAs.

This proposed training is based upon the UNEP model that was put together by UNEP-Caribbean Environment Programme, Regional Coordinating Unit (UNEP/CAR-RCU) under the SPAW

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Programme. Eight different modules were designed to support the “Training of Trainers” Programme, in which MPA managers in local communities are trained to train others. In this case we have chosen some of these modules, to train the co-managers: community and serve the purpose of capacity building through replication.

The modules in the manual are:

- Training and Communication Skills
- Nature of the Marine Environment
- Uses and Threats to the Marine Environment and its Resources
- Marine Protected Areas Overview
- Participatory Planning
- Marine Protected Area Planning
- Marine Protected Area Management
- Research and Monitoring..

Objectives

- Train users groups in issues related to the sustainable use of coastal and marine resources.
- Get users to involve themselves in the management of the coastal and marine resources to ensure biodiversity conservation.
- Reduce threats on our coastal and marine ecosystems to produce a better quality of life for the local communities.
- Upgrade water quality in our marine protected areas through education to the users groups.
- Contribute to the enhancement of our natural resources.
- Prepare the community in a better way to manage their own environment.
- Produce awareness in the community about the importance of conserving the natural resources.
- Preserve the natural resources to make sure the future benefit of generations to come is not damaged by the ways communities behave in the present.

Methodology

The methodology will be carried out through a series of workshops or small courses both in Old Providence and in San Andres, on the following modules: Training and Communication Skills, the Nature of the Marine Environment, Uses and Threats to the Marine Environment and its Resources, Marine Protected Areas Overview, Marine Protected Area Planning and Management.

Each workshop or small course will have a duration of three days. The first day will be about Communications Skills and Marine Protected Areas Overview, Planning and Management. The

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Second day the group will receive training on the Nature of the Marine Environment, Uses and Threats. The last day it will be a field trip, visiting the most important ecosystems, mangroves, sea grass beds and coral reefs. It will involve community groups such as artisanal fishermen, recreational users: divers, water sports; traditional users (native rights organizations) and conservation interests groups, Christian University Extension office group and community divers.

Target groups

| Group | Number of courses | Place | Proposed date |
|---|-------------------|------------------------------|------------------|
| Divers and water sports users in San Andres | 1 | Las Americas Hotel | June 13, 14 |
| Fishermen in San Andres | 1 | RCB Coop | June 20, 21 |
| Community Divers in San Andres | 1 | San Luis Cultural House | July 18, 19 |
| Native rights organizations and conservation groups in San Andres | 1 | Tamarind Tree Cultural House | August 15, 16 |
| Fishermen in Old Providence & Kettleena | 1 | Morgan Hotel | August 29, 30 |
| Conservation groups and NGOs in Old Providence and Kettleena | 1 | Morgan Hotel | September 12, 13 |

Resources and materials

Human resources, professionals and technicians from CORALINA and others.

Materials and equipment: overhead projector and videos.

TRAINING PLAN FOR TEACHERS ABOUT COASTAL AND MARINE RESOURCES

Date: June – November 2002

Introduction

The process of capacity building for the marine protected areas project with teachers is one of the important actions to develop and continue the MPA education program. The stakeholders are the key to a successful management. A great strategy to get the local communities support and involvement is to empower them.

First they should get information and training about the essential issues, then have a recognition by authorities of the importance of co-management, so that the people can help not only with the local control and enforcement, but with the control of non-local groups that use up the resources in an unsustainable way.

More promotion is needed in the school levels especially for the children to be trained at an early stage about the conservation issues.

Teachers and other people that live on the island are secondary stakeholders, who make use of the coastal and marine resources. This is a chance to train new trainers and let teachers adapt this information to the age groups that they work with. Also it is a good opportunity to allow youth and children to get in touch with their environment by learning pertinent subjects and about their surrounding.

There has been a tradition to carry out curriculums that are not pertinent to the surroundings of children on the island. This courses pretend to help teachers to find ways to incorporate this knowledge into the schools through science teachers, based on ideas given in other workshops and needs for specific knowledge for the enhancement of the MPAs.

This proposed training is based upon the UNEP model that was put together by UNEP-Caribbean Environment Programme, Regional Coordinating Unit (UNEP/CAR-RCU) under the SPAW Programme. Eight different modules were designed to support the “Training of Trainers” Programme, in which MPA managers in local communities are trained to train others.

The modules in the manual are:

- Training and Communication Skills
- Nature of the Marine Environment
- Uses and Threats to the Marine Environment and its Resources
- Marine Protected Areas Overview
- Participatory Planning
- Marine Protected Area Planning
- Marine Protected Area Management
- Research and Monitoring.

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In this case we have chosen some of these modules, to train the community, and serve the purpose of capacity building through replication. We have joined and adapted some modules for our own purposes such as the Nature of the Marine Environment - Uses and Threats, Marine Protected Areas Overview - Planning and Management, Training and Communications Skills.

One of the reason children and youth see school as useless for their development is the lack of relationship between their everyday reality and what they learn in formal education. This training will serve both the purposes of formal and informal education and since there is very difficult to come across bilingual material about environment, this is also an opportunity to put teachers in touch with such materials.

Objectives

- Train teachers, especially science teachers about the coastal and marine resources, so that they will be able to transmit this knowledge to children and youth.
- Give access to pertinent information and knowledge needed to train teachers in the school system in the preservation of local ecosystems.
- Prepare the students in the education system to preserve and manage their own environment.
- Teach the younger generations to preserve the natural resources for the next generations to come.
- Prepare teachers to know more about ways to sustainable ecosystems and to transmit this knowledge to their students.

Methodology

The methodology will be carried out through a series of workshops or small courses both in Old Providence and in San Andres, on the following modules: Training and Communication Skills, the Nature of the Marine Environment, Uses and Threats to the Marine Environment and its Resources, Marine Protected Areas Overview, Marine Protected Area Planning, Marine and Protected Area Management.

Each workshop or small course will have a duration of three days. The first day will be about Communications Skills and Marine Protected Areas Overview, Planning and Management. The Second day the group will receive training on the Nature of the Marine Environment, Uses and Threats. The last day it will be a field trip, visiting the most important ecosystems, mangroves, sea grass beds and coral reefs. It will involve teachers, but especially science teachers in San Andres and Old Providence and Kettleena.

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Target group

| Group | Number of courses | Place | Proposed date |
|--|-------------------|----------------------|-------------------------|
| Natural science teachers from INFOTEP, SENA and in San Andres | 1 | SENA | September 26, 27 - 2002 |
| Teachers from the bilingual education at the Christian University | 1 | Christian University | October 3, 4 2002 |
| Natural science teachers from primary and high schools in Old Providence & Kettleena | 1 | Morgan Hotel | July 8,9 - 2002 |

Natural science teachers from technological institutions, high school science teachers of the Archipelago and other teachers in formal training at universities.

Resources and materials

Human resources, professionals and technicians from CORALINA and others.

Materials and equipment: overhead projector, photocopies and videos

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Schedule for UNEP courses in San Andres, Old Providence and Ketlëna

| Group | Number of courses | Place | Proposed date |
|--|----------------------|------------------------------|---|
| Fishermen and Conservation groups and NGOs in Old Providence and Ketleena (25) | 1 | Tom Silaya | July 8,9,10 – 2002 July 10 th Fieldtrip |
| All teachers especially natural science teachers from primary and high schools in Old Providence & Ketleena (25) | 1 | Junín Primary School | July 11,12 – 2002 July 13 fieldtrip |
| Divers and water sports users and conservation groups in San Andres (25) | 1 | Club Náutico | August 29, 30 2002 Aug 31 st fieldtrip |
| Fishermen, Native rights organizations and Community Divers in San Andres (25) | 1 | Tamarind Tree Cultural House | September 19, 20 fieldtrip 21 st |
| Natural science teachers from INFOTEP, SENA, SANTO TOMAS, and other High schools in San Andres (30) | 3 Meetings (minutes) | SENA Schools | August 28 September 5, 19 2002 |
| Teachers from the bilingual and trilingual education at the Christian University (25) | 1 | Christian University | October 3, 4 2002 fieldtrip 5 th |

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Schedule for UNEP courses in San Andres, Old Providence and Ketzale

| Group | Number of courses | Place | Proposed date |
|---|-------------------|---|---|
| water sports, water taxis in San Andres (30) | 1 | Club Náutico 5:00 – 8:30 p.m. | September 10, 11 2002 fieldtrip 14 th , |
| Fishermen, Native rights organizations and Community Divers in San Andres (25) | 1 | Tamarind Tree Cultural House 5:00 – 8:30 p.m. | September 26, 27 2002 fieldtrip 28 th |
| Teachers from the bilingual and trilingual education at the Christian University (40) | 1 | Christian University 6:00 - 10:00 p.m. | October 10, 11 2002 fieldtrip 12 th |