

Coral Reef Targeted Research and Capacity Building for Management (CRTR Project)

Connectivity Program

**3rd Training Workshop in Monitoring of Recruitment of Fish, Corals and Lobster
Akumal, México, 4-7 April, 2006**

Summary Report

The 2006 Training Workshop on monitoring of recruitment was scheduled and run from 4th to 7th April, 2006 at Akumal, México, where we made use of the facilities and able logistic support of Centro Ecológico Akumal. Accommodation was arranged for all participants at the adjacent Hotel Club Akumal Caribe, meal plans were arranged with local restaurants, and the Akumal Dive Center provided diving support services. We thank CEA for the effectiveness of the logistic arrangements for the workshop.

The training workshop was implemented by an instructor team comprising Dr. Mark Butler, Old Dominion University, Dr. Bret S. Danilowicz, Georgia Southern University, Dr. Ken Lindeman, Environmental Defense, Dr. Peter Sale, UNU-INWEH & University of Windsor, Dr. Robert Steneck, University of Maine, and Mr. Paolo Usseglio, University of Windsor. Dr. Ernesto Arias, CINVESTAV, Merida, Mexico, who is a co-investigator in the project, was unable to attend because of a prior commitment in Australia. The workshop was conducted primarily in English, with translation provided by Mr. Usseglio. Written materials were in English and Spanish.

The agenda and the list of participants are attached.

Success of the Workshop

Success of the workshop can be assessed by the general enthusiasm of the participants, most of whom have now attended three training workshops with us. In addition, the intensive, in-water component of the workshop was clearly paying off in improved performance in monitoring tasks, both during the course of the week, and compared to last year. Participants returned home invigorated and enthusiastic about the monitoring activities they would be undertaking.

A follow-up workshop is planned for 2007, possibly in Honduras. By that time there should be sufficient monitoring data in hand to permit some analysis.



AGENDA

- Monday, 3rd April Evening welcome reception for participants
- Tuesday, 4th April Lecture – Introduction to the workshop
Field Exercise 1 – Measuring inter-observer bias in fish censuses
Field exercise 2 – Estimating sizes of fishes
Discussion/Analysis – Evaluating results of exercises 1&2
- Wednesday, 5th April Lecture – Techniques for monitoring in mangrove habitats
Field Exercise 3 – Inter-observer bias continued
Field Exercise 4 – Size estimation continued
Discussion/Analysis – Evaluation of results continued
Lecture/Discussion – Effective collaboration in monitoring
- Thursday, 6th April Lecture/Discussion – Review of coral recruitment methods
Field Exercise 5 – Measuring coral size and recruitment
Lecture/Discussion – Lobster recruitment methods
Lecture – What do recruitment data tell us for management?
Closing workshop dinner
- Friday, 7th April Discussion – How to better coordinate monitoring program
Lecture/Summary – Closing of workshop

PARTICIPANTS

Name	Contact info	Institution	Monitored site
Belize			
Ms. Kirah Forman	pickachoo4u@yahoo.com	Belize Dept of Fisheries	Biologist, Hol Chan
Mr. Roberto Carballo	recaraballo@yahoo.com	Belize Dept of Fisheries	Manager, Glovers Reef
Mr. Alex Jones	playersground69@yahoo.com	Belize Dept of Fisheries	Glovers Reef
Mr. Lyndon M Rodney	nodnyl-yendor@yahoo.com	TASTE	Sapodilla Cayes
Ms. Renata Ferrari	renata.ferrari@gmail.com	Friends of Nature	Gladden Spit
Ms. Gianna Gomez	gianna_gomez@yahoo.com	University of Belize	Turneffe Atoll
Guatemala			
Ms. Ana Beatriz Rivas	ab_rivas_ch@yahoo.com, manabique@intelnet.net.gt	FUNDARY	Cabo Tres Puntas
Mr. Valero Ramirez	valero_ramirez@yahoo.com, vrt05@hotmail.com	Universidad del Valle (student)	Cabo Tres Puntas
Ana Giro			
Honduras			
Mr. Augusto Gamero	agamero80@gmail.com ; info@bica-util.org	BICA	Utila
México			
Ms. Daniela Alonso	aleinad35@hotmail.com	CONANP	Xcalac & Banco Chinchorro
Mr. Lorenzo Alvarez	lalvarez@conanp.gob.mx	CONANP	Cozumel
Mr. Felipe Fonseca	ffonseca78@msn.com	CONANP	Xcalac & Banco Chinchorro
Ms. Lucy Gallagher	lucyjanegallagher@yahoo.co.uk	CEA	Akumal
Dr. Carlos Gonzales Salas	calin@mda.cinvestav.mx	CINVESTAV (post-doc)	
Dr. Miguel Ruis Zarate	miguel_ruiz_zarate@yahoo.com	ECOSUR (post-doc)	
Ms. Carmen Villegas	cavs@hotmail.com	CINVESTAV (Ph.D. student)	