

TIME	PRESENTER	TITLE
11:30 am	D.L. Gil-Agudelo	Differential response of zooxanthellae to bacterial toxins that produce bacterial bleaching in stony corals
11:50 am	J.L. Borger	The ultrastructural pathology of black band disease and white plague type II
12:10 pm	A. Bruckner	The coral disease and health consortium's national research plan
12:30 – 2:00 pm		Lunch Break - Almuerzo

**Fisheries and Aquaculture Session
Chairperson - Bert Williams**

2:00 pm	L. & B. Williams	New records of some Caribbean deep-reef / shallow slope fishes
2:20 pm	C. Lodeiros	Efecto de la densidad larvaria sobre el desarrollo, crecimiento y supervivencia del erizo <i>Lytechinus variegates</i> (Echinodermata: Echinoidea)
2:40 pm	H. Ramsundar	The distribution and abundance of wetland ichthyofauna, and exploitation of the fisheries in a rural wetland area in Trinidad - case study.
3:00 – 3:20 pm		Coffe Break - Café

**Caribbean Oceanography and Coastal Processes Session
Chairperson - Doug Wilson**

3:20 pm	D. Wilson	Physical Oceanography and circulation of the Caribbean Sea: some recent observations
3:40 pm	E. Otero	Chlorophyll <i>a</i> and turbidity patterns over coral reef systems of La Parguera Reserve as derived from continuous water quality sampling
4:00 pm	M.C. Díaz	Detection and phylogenetic affinities of nitrifying microbes associated with epibiont sponges of nutrient limited <i>Rhizophora mangle</i> stands
4:20 pm		Adjourn
6:30 – 8:30 pm		Cocktail Reception with Poster Presentations (Attendees arrange dinner on their own)

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TUESDAY JULY 15, 2003

**Pollution and Anthropogenic Issues Session #1
Chairperson - Rudolf Jaffe**

TIME	PRESENTER	TITLE
8:30 am	R. Jaffe	A literature review of trace metals and organic compounds of anthropogenic origin in the Wider Caribbean Region
8:50 am	W. Norville	Spatial distribution of non-residual metals in sediments from the Gulf of Paria, Trinidad

TIME	PRESENTER	TITLE
9:10 am	L. Rojas de Astudillo	Heavy metals in sediments, mussels and oysters from Trinidad and Venezuela
9:30 am	A. Mohammed	Tributyl tin and degradation product profiles in sediments of Chaguaramas Bay, Trinidad
9:50 – 10:10 am		Coffe Break - Café
Coral Reefs - Ecology and Biology Chairperson - Robert Ginsburg		
10:10 am	R. Ginsburg	Results of AGRRA surveys in twenty Western Atlantic reef areas
10:30 am	G.F. Warner	Occurrence and distribution of black corals (<i>Antipatharia</i>) from Jamaican deep reef environments
10:50 am	A.L. Moulding	Coral recruitment patterns in the Florida Keys
11:10 am	N.J. Quinn	More evidence that Caribbean <i>Acropora</i> coral populations are in trouble - a view from the maternity ward
11:30 am	C.L. Brown	Collection, culture, and conservation of marin ornamentals - international efforts to conserve ornamental fishes and invertebrates

11:50 – 1:30 pm

Lunch Break - Almuerzo

**Pollution and Anthropogenic Issues Session #2
Chairperson - Rudolf Jaffe**

1:30 pm	R. Jaffe	Application of flourescence measurement to the characterization of dissolved organic matter in surface waters of the Florida coastal Everglades
1:50 pm	C. Bullock	Potential sources of bacteriological pollution for two bays in northwest Trinidad with large marinas
2:10 pm	D. Banjoo	Application of gas chromatography - Mass spectrometry (GC-MS) for fingerprinting oil spill: case studies in the Gulf of Paria

2:30 – 2:50 pm

Coffe Break - Café

**Pollution and Anthropogenic Issues Session #3
Chairperson - Peter Gayle**

2:50 pm	P.M.H. Gayle	Transplation of benthic species as a strategy for mitigating the anthropogenic impacts of coastal development
3:10 pm	P.W. Sammarco	The development of coral communities on Gulf of Mexico drilling platforms: a regional stabilizing force
3:30 pm	M. Ashton	The effect of thermal stress on <i>Ostreopsis lenticularis</i> (Dinophyceae) toxicity and associated bacterial flora
3:50 pm	J. Boyer	The value of a regional water quality monitoring networking in restoration planning in South Florida

TIME	PRESENTER	TITLE
4:10 pm	R. Pierce	Aerial and tidal transport of mosquito control pesticides into the Florida Keys National Marine Sanctuary
4:30 pm	D.L. Childers	Using the existing U.S. LTER Network to promote scientific collaboration and cooperation across the Caribbean: the FCE LTER Caribbean Initiative
4:30 pm		Adjourn
6:00 – 8:00 pm		Tuesday Evening - Poster Presentations (Attendees arrange dinner on their own)

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WEDNESDAY JULY 16, 2003

FIELD TRIP TODAY

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THURSDAY JULY 17, 2003

Biodiversity, MPAs and Conservation Session Chairperson - Judith Gobin

TIME	PRESENTER	TITLE
8:30 am	J. Gobin	An examination of marine protected areas in the Caribbean - St. Lucia and Belize
8:50 am	V. Garrison	Bambi meets Godzilla (Science meets Politics): the making of Virgin Islands Coral Reef National Monument and expansion of Buck Island Reef National Monument, U.S. Virgin Islands
9:10 am	J. Mitchell	A pilot project for promoting a regional approach to assessment of coral reef candidate sites in the Eastern Caribbean States
9:30 am	L. Lee Lum	Assessment of incidental turtle catch in the gillnet fishery in Trinidad and Tobago, West Indies
9:50 am	I. Nagelkerken	Loss of coral cover and biodiversity on shallow <i>Acropora</i> and <i>Millepora</i> reefs from 1969 to 2000 on a Caribbean island
10:10 am	J. Cortés	The future of coral reefs in Costa Rica
10:30 – 10:50 am		Coffee Break - Café

Ornamental Marine Organisms and Fisheries Chairperson - Andy Bruckner

10:50 am	A. Bruckner	The importance of the marine ornamental reef fish trade in the Wider Caribbean
11:10 am	M. Hardin	Development of management policy for the export fishery for marine ornamental fish and invertebrates in Puerto Rico
11:30 am	S. LeGore	The organization and operation of the export fishery for marine ornamental fish and invertebrates in Puerto Rico

TIME	PRESENTER	TITLE
11:50 am	R. Nemeth	Linking larval history to juvenile demography in the bicolor damselfish (Perciformes: Pomacentridae)
12:10 pm	T.A. Peña	Algunos aspectos ecológicos de la ictiofauna asociada a praderas de <i>Thalassia testudinum</i> en el Golfo de Cariaco, Estado Sucre, Venezuela
12:30 – 2:00 pm		Lunch Break - Almuerzo

Remote Sensing and GIS in the Wider Caribbean Session #1
Chairperson - John Brock

2:00 pm	J. Brock	State of USGS - NASA experimental advanced airborne LIDAR (EAARL) surveys of coral reef ecosystems in the Caribbean Region
2:20 pm	B. Riegl	Determination of the distribution of shallow-water sea grass and drift algae communities with acoustic remote sensing
2:40 pm	A. Shapiro	Summit-to-sea mapping using satellite imagery: integrating land cover and shallow water coral reef habitats
3:00 pm	Y. Ragbirsingh	Geographic information system (GIS) analysis for trace metal pollution in coastal sediments in Gulf of Paria, Trinidad
3:20 pm	O. Day	Using ecological knowledge to develop management tools for the Buccoo Reef Marine Park, Tobago
3:40 pm	L. Carrubba	Using GIS to quantify propeller scarring in seagrass beds of the La Parguera and Guánica Natural Reserves, Puerto Rico
4:00 – 4:15 pm		Coffee Break - Café
4:15 – 5:15 pm		AMLC Membership Meeting
7:30 pm		AMLC Awards and Recognition Banquet

FRIDAY JULY 18, 2003

Mangroves and Seagrass Beds
Chairperson - Ivan Nagelkerken

TIME	PRESENTER	TITLE
8:30 am	I. Nagelkerken	Relative importance of interlinked mangroves and seagrass beds as feeding habitats for juvenile reef fish on a Caribbean island
8:50 am	R.A. Juman	Biomass, litterfall and decomposition rates for the fringed <i>Rhizophora mangle</i> forest lining the Bon Accord Lagoon, Tobago
9:10 am	R. Salazar	Presence of cadmium-binding peptides in the alga <i>Acetabularia calyculus</i> (Chlorophyta)
9:30 am	R.A. Juman	The structure and productivity of the <i>Thalassia testudinum</i> community in Bon Accord Lagoon, Tobago

TIME	PRESENTER	TITLE
9:50 – 10:10 am		Coffee Break - Café
General Caribbean Marine Science Chairperson - Jim Parrish		
10:10 am	J.D. Parrish	Benthos associated with coral reef sediments and their fish predators
10:30 am	D. Aldana Aranda & N. Brito-Manzano	Organogénesis larvaria de <i>Strombus gigas</i> (Gastropoda, Caenogastropoda Strombidae)
10:50 am	M.G. Barba-Santos	Extraction of mycosporine-like amino acids from the Scleractinian coral <i>Porites astreoides</i> from the Mexican Caribbean
11:10 am	M.A. Romero	Estructura de la comunidad de esponjas en tres arrecifes coralinos del Parque Nacional Morrocoy, Venezuela
11:30 am	I. Hernández-Ávila	Abundancia zooplanctónica al sureste de la Isla de Margarita, Venezuela durante el periodo Agosto 2002 -Enero 2003
11:50 – 1:30 pm		Lunch Break - Almuerzo
Public Awareness and Education Session Moderator - Steve LeGore		
1:30 pm	L. Lee Lum	Beach dynamics and leatherback nest distribution at Grande Riviere Beach, Trinidad & Tobago
1:50 pm	S. Piontek	The use of visiting academic groups in data collection for the Curacao Sea Aquarium's reef monitoring program
2:10 pm	H. Armstrong	Environmental education in primary schools: a case study of coral reef education in Tobago
2:20 pm	Steve LeGore	Closing Remarks and Announcements Adjourn Meeting