

# **‘Managing Beaches in the Caribbean: Investing in our Future’**

## *Programme*

**Monday June 18<sup>th</sup>, 2001.**

8.00 Registration

8.30 - 9.0 Opening Ceremony.

### **Session 1. Beach Quality**

9.00 - 9.40 Keynote speaker: Ms. June-Marie Mow. Director, CORALINA, San Andres, Colombia. An integrated approach to beach resource management: San Andres Island, Colombia, Western Caribbean.  
Discussion

9.40 - 10.05 The importance of adopting and implementing the 1999 Aruba Protocol in the war against coastal pollution.  
Mr. Anthony Rivera, Department of Social Sciences. Inter-American University, Puerto Rico.  
Discussion

10.05 - 10.30 A study of the water quality and illness rates at four popular bathing beaches in Trinidad, West Indies.  
Ms. Christine Bullock, Institute of Marine Affairs, Trinidad and Tobago.  
Discussion

10.30 - 10.45 Coffee break

1045 - 11.10 A preliminary analysis of marine debris monitoring in Region 4 (Port Everglades, Florida to Gulf Shores, Alabama, including Puerto Rico and U.S. Virgin Islands), 1996-2000.  
Mr. Charles Barr, Center for Marine Conservation, Washington, U.S.A.  
Discussion

11.10 - 11.35 Determination of the public health risks in the estuarine system of San Juan Bay.  
Mr. José Seguinot Barbosa, University of Puerto Rico.  
Discussion

11.35 - 12.00 A case study of the Carolina ocean outfall adjacent to the Vacía Talega Bay, Puerto Rico.  
Ms. Clara O’Neill, CSA Architects and Engineers, Puerto Rico.  
Discussion

12.00 - 12.25 Water quality in Puerto Rico.

Ms. Ana Navarro, University of Puerto Rico Sea Grant College Program.  
Discussion

12.25 - 2.00 Lunch

**Session 2. Panel Discussion on ‘Beach Management from the Private Sector’s Perspective’.**

2.00 - 2.45 Keynote speaker: Mr. James Blades, Manager, Coconut Court Beach Hotel, Barbados. Beach management in Barbados.  
Discussion

2.45 - 3.00 A tsunami warning system for the Caribbean.  
Mr. Aurelio Mercado, Department of Marine Sciences, University of Puerto Rico.  
Discussion

3.00 - 3.15 Coffee break

3.15 - 4.45 Panel Discussion on Beach management from the private sector’s perspective.  
Panellists:  
Ms. Ainoa Luna, Caribbean Alliance for Sustainable Tourism, Puerto Rico.  
Mr. Frederico Carlo, Montecarlo Resort, Puerto Rico.  
Ms. Alyssa Johnson, Caribbean Alliance for Sustainable Tourism, Puerto Rico.

**Tuesday 19<sup>th</sup> June, 2001**

**Session 3: Field visit to Isla Verde and Condado beaches**

8.30 - 12.00 Field trip

12.00 - 1.30 Lunch

**Session 4: Beach erosion mitigation**

1.30- 2.15 Keynote speaker: Representative Ms. Dayanira Díaz Luque, Special Assistant to the Secretary, Department of Environment and Natural Resources, Puerto Rico  
Discussion

2.15 - 2.40 Shoreline changes along West Guapo Bay, Point Fortin, Trinidad.  
Ms. Charmaine O’Brien Delpesh, Institute of Marine Affairs, Trinidad and Tobago.

- Discussion.
- 2.40 - 3.05 Coastal Erosion in Puerto Rico.  
Hon. Carlos Vizcarrondo, President, Chamber of Representatives, Puerto Rico.  
Discussion
- 3.05 - 3.15 Coffee break
- 3.15 - 3.40 Multi-hazard coastal risk mapping, eastern Puerto Rico.  
Mr. David Bush, State University of West Georgia, U.S.A.  
Discussion.
- 3.40 - 4.05 Changing climate: changing beaches.  
Mr. Philmore James, Fisheries Division, Antigua and Barbuda.  
Discussion
- 4.05 - 4.30 A geomorphological study of Playa Larga, Isla Coija de Muentos (2000-2001),  
Ms. Maritza Barreto, University of Puerto Rico  
Discussion.

**Wednesday 20<sup>th</sup> June, 2001.**

**Session 5: Field Trip to Piñones and the Water Quality Treatment Plant.**

- 8.30 - 12.00 Field trip
- 12.00 - 1.30 Lunch

**Session 6: Management of beach user conflicts**

- 1.30 - 2.15 Keynote speaker: Ms. Katy Thacker, Negril Coral Reef Preservation Society, Jamaica. The history of the development of Long Bay Beach in Negril, Jamaica.  
Discussion.
- 2.15 - 2.40 Resolving beach user conflicts in small islands.  
Ms. Gillian Cambers, University of Puerto Rico Sea Grant College Program.  
Discussion.
- 2.49 - 3.05 Management of beach use conflicts in Jamaica.  
Mr. Lloyd Gardner, St. Thomas, U.S. Virgin Islands.  
Discussion

- 3.05 - 3.15 Coffee break
- 3.15 - 3.40 Ambiguity in the definition of the coastal maritime zone.  
Mr. Aurelio Mercado, Department of Marine Sciences, University of Puerto Rico.  
Discussion
- 3.40 - 4.05 Coastal development conflicts at Punta Las Marias, Puerto Rico.  
Ms. Ingrid Padilla, Defensores Area Costeras, Puerto Rico.  
Discussion
- 4.05 - 4.30 Conflicts at Ultimo Trolley, Puerto Rico.  
Mr. David Mark, Calidad de Vida de Ocean Parque, Puerto Rico.  
Discussion.

**Thursday 21<sup>st</sup> June, 2001**

**Session 7: Beach services and coordination of beach management**

- 8.30- 10.00 Keynote speaker: Mr. Keith Neblett, General Manager, National Conservation Commission, Barbados. Management of beach services in Barbados.  
Discussion
- Keynote speaker: Mr. Tom Renick, Director, Department of Beaches, Volusia County, Florida, U.S.A. Beach services and facilities in Volusia County, Florida.  
Discussion.
- 1000-1030 Coffee break
- 10.30- 12.00 Panel discussion on Beach services and facilities.  
Panellists:  
Mr. Ruperto Chaparro, University of Puerto Rico Sea Grant College Program  
Mr. Ramon Luis Nieves, Fomento Recreativo, Puerto Rico.  
Mr. Efrank Mendoza, University of Puerto Rico.

1200 - 1.30 Lunch

**Session 8: Valuation and Coordination of beach management**

- 1.30 - 2.15 Keynote speaker: Senator José Ortiz Daliot, Puerto Rico. The need for service and facilities for beaches in Puerto Rico.  
Discussion

- 2.15 - 2.40 Market-based mechanisms to support national climate change adaptation policy.  
Ms. Leisa Perch, Organization of American States, U.S.A.  
Discussion
- 2.40 - 3.05 A beach policy for Jamaica.  
Mr. Bernard Blue, Natural Resources Conservation Authority, Jamaica.  
Discussion
- 3.05 - 3.15 Coffee break

### **Session 9: Ecosystem Management**

- 3.15- 3.40 Dune restoration and beach protection: plants, practices and policies.  
Mr. Rob Patten, Coastal Dunes Inc., Florida, U.S.A.  
Discussion
- 3.40 - 4.05 Managing beaches for sea turtles.  
Ms. Mareliisa Rivera, U.S. Fish and Wildlife Service, Puerto Rico.  
Discussion
- 4.05 - 4.30 The co-management of Jamaican beaches: the case of the Portland Bight Protected Area.  
Mr. Brandon Hay, Caribbean Coastal Area Management Foundation, Jamaica.  
Discussion.
- 4.30 - 4.55 Environmental Information Center: an alternative for conserving beaches while enjoying them.  
Ms. Lesbia Montero Acevedo, University of Puerto Rico Sea Grant College Program  
Discussion.

## **Poster Displays**

Monitoring our beaches: A volunteer program.

Ms. Ana Navarro, University of Puerto Rico Sea Grant College Program.

Non-point source pollution control plan, Puerto Rico.

Non-point Source Pollution Committee, Puerto Rico.

Beach width and profile comparison between natural beaches and beaches fronting seawalls: Puerto Rico.

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