

Agenda **Invasive Species**

Wednesday, March 15
(afternoon session)

Learning Objectives

- Provide an overview of terrestrial, freshwater and marine invasive species and the importance of their effects in the Caribbean
- Examine case studies of specific invasives in the Caribbean and techniques being used to address them.

1:30 p.m. Introduction to Invasive Species, including terrestrial, freshwater and marine species.

3:00 p.m. Coffee Break

3:30 p.m. Case Study – The Green Mussel in Jamaica

5:00 p.m. Session ends

Presenters: Dayne Buddo, Institute of Jamaica
David Knowles, Friends of the Environment, The Bahamas

Dayne Buddo is Jamaica's Focal Point for the Clearing-House Mechanism under the UN Convention on Biological Diversity as well as for the Biosafety Clearing-House under the Cartagena Protocol on Biosafety. He is a Senior Research Officer in the Natural History Division (Institute of Jamaica) where he focuses on research on marine biodiversity in Jamaica. He is currently pursuing a Doctor of Philosophy (PhD) in Marine Biology at the University of the West Indies (Mona) focussing on Marine Invasive Species. In addition to his training at UWI-Mona, he has also been trained in Coral Reef Ecology at the Bermuda Biological Station for Research (Bermuda) and McGill University's Bellairs Institute in Barbados, as well as Ecological Niche Modelling in Mexico. He has been a visiting researcher at the Mote Marine Laboratory, Florida, where he has spent time working on the Ecology of a very important invasive marine species of mussels common to both areas. He is Jamaica's principal expert on marine invasive species and is presently the Chairman of the Invasive Species Working Group for the island. He is currently a member of the Technical Working Group on Invasive Species for the Inter-American Biodiversity Information Network. He is also a part-time Lecturer on Marine

Invasive Species at The University of the West Indies (Mona). Dayne has attended and represented Jamaica at several science-related conferences and visited several countries including Brasil, New Zealand, Mexico, Bermuda, St. Lucia, St. Vincent, Antigua, The Cayman Islands, Trinidad & Tobago, Dominican Republic, Grenada, Montserrat and Barbados. He is also an Environmental Consultant for several companies and worked on numerous projects spanning the terrestrial, aquatic and social realms. He also founded the Annual Summer Marine Program for high school students in 2001, which has so far exposed over 200 students to the field of marine biology.

Friends of the Environment (FRIENDS) is a Bahamian nonprofit dedicated to the preservation and protection of Abaco's terrestrial and marine environments in order to achieve sustainable living for the wildlife and the people of Abaco. In order to achieve this mission, FRIENDS operates in a number of areas: coordination of aluminum recycling, providing moorings at local reefs to prevent damage from anchoring, working with the Bahamas National Trust to maintain and protect Abaco National Park, presenting environmental education programs and scholarships, and working against the spread of invasive species. In the past eighteen years FRIENDS has successfully established a network of businesses, government agencies, and community residents to share information and volunteer support for environmental concerns around the Abacos. FRIENDS is uniquely positioned to address many of the environment challenges our community faces.

David Knowles is the FRIENDS Board Chairman of the Invasive Species Committee. He is also the Agricultural Officer for The Bahamas Ministry of Agriculture – OIC Abaco Office. A native of Abaco, Mr. Knowles holds a BSc. in Biology from Morgan State University, Baltimore, Maryland.