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# CARIBBEAN FOOD CROPS SOCIETY

47

Forty-Seventh Annual Meeting 2011

Bridgetown, Barbados Volume XLVII – Number 1 T-STAR Invasive Species Symposium

#### PROCEEDINGS OF THE 47<sup>th</sup> ANNUAL MEETING

Caribbean Food Crops Society 47<sup>th</sup> Annual Meeting July 3–8, 2011

Lloyd Erskine Sandiford Centre Bridgetown, Barbados

"Assuring Caribbean food and nutrition security in the context of climate change"

United States Department of Agriculture, T-STAR Sponsored Invasive Species Symposium

Toward a Collective Safeguarding System for the Greater Caribbean Region: Assessing Accomplishments since the first Symposium in Grenada (2003) and Coping with Current Threats to the Region

Special Symposium Edition
Edited by
Edward A. Evans, Carlton G. Davis, and Fredy Ballen

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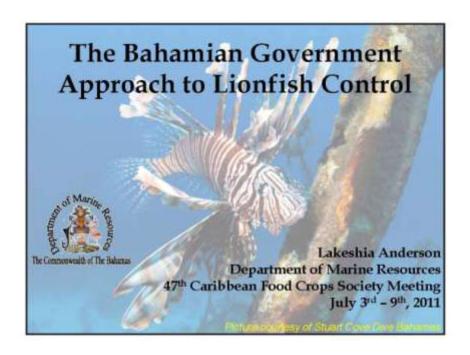
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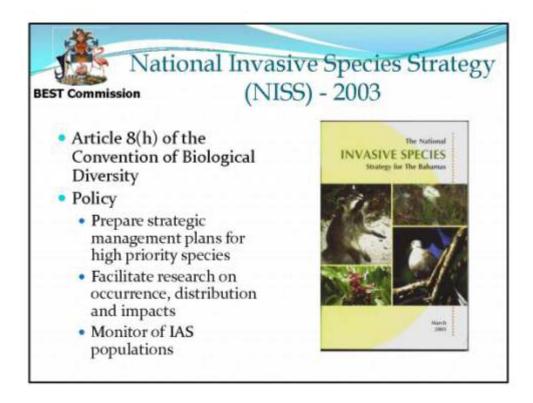
## SESSION 3: MARINE AND FRESHWATER INVASIVE SPECIES OF IMPORTANCE TO THE CARIBBEAN

#### THE BAHAMIAN GOVERNMENT APPROACH TO LIONFISH CONTROL

Lakeshia Anderson, Department of Marine Resources, Ministry of Agriculture and Marine Resources, PO Box N-3028, Nassau, Bahamas. Telephone: 242-393-1777; Email: lakeshiaanderson@bahamas.gov.









## National Lionfish Response Plan

#### Mission

To maintain the distinctiveness and diversity of Bahamian marine communities, protect commercially important fisheries, safeguard public health, and reduce the growth and spread of lionfish populations.

www.bahamas.gov.bs/marineresources

## Components: Stakeholder Contributions

FUNDING, FINANCIAL SUPPORT, HUMAN RESOURCES

RESEARCH, MONITORING AND DATA MANAGEMENT

OUTREACH, EDUCATION, ASSESSMENT OF PUBLIC IMPACT

REGULATION AND MANAGEMENT

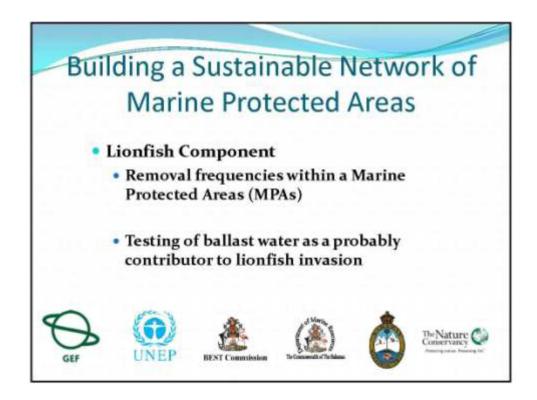
STAKEHOLDER GROUPS	
GOVERNMENT AGENCIES	Department of Marine Resources, BEST, Department of Ports, Public Health, Public Hospital Authority, Ministry of Tourism, Ministry of Education
NON-GOVERNMENT AGENCIES	Bahamas National Trust, The Nature Conservancy, BREEF,
COLLEGES AND UNIVERSITIES	College of The Bahamas, Gerace Research Centre
RELATED BUSINESSES	Bahamas Diving Association, Dive and Live Aboard Businesses (Stuart's Cove, Bahama Divers), Dolphin Encounters, Resorts and Hotels
FOREIGN RESEARCHERS AND UNIVERSITY PARTNERS	NOAA-NMFS, REEF, University of Oregon, University of British Columbia, Simon Fraser University, University of Miami
FISHERMEN and FISHING INTERESTS	Fishermen associated with different islands and settlement, Fish sellers

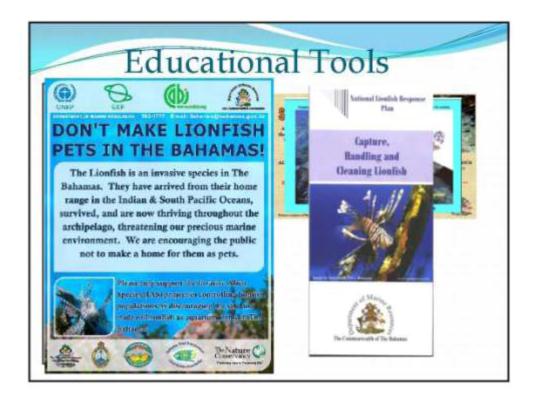
### **MANAGEMENT STRATEGIES**

- A) MODIFY OR AMEND existing fisheries regulations for lionfish.
- B) ENCOURAGE COMMERCIAL FISHERIES based on lionfish.
- C) EXPAND AND IMPROVE PROTECTION OF NATIONAL PARKS AND FISHERIES RESERVES.
- D) REQUIRE THE REMOVAL OF DEBRIS and ARTIFICIAL SUBSTRATES around docks, piers and harbours that provide habitat for lionfish.
- E) IMPROVE COASTAL ZONE MANAGEMENT
- F) BAN LIONFISH AS AQUARIUM PESTS AND PREVENT THE POSSESSION OR TRANSPORT OF LIVE LIONFISH.
- G) PROVIDE A BOUNTY FOR FISH KILLED AND TURNED IN









## Successful Outreach Initiatives

- Community Meetings major islands
- Lionfish Culinary Demos
  - Annual festivals & Expos
  - Food shows
  - Fish landing sites
  - Tournaments
- Lionfish Tournaments
  - Initiated in 2009 (1,400)
  - Conducted 13 tourneys amongst 4 islands
  - Generate funding for education & outreach



