






Adaptive co-management: an innovative approach to the management of the sea urchin fisheries in Barbados and St. Lucia

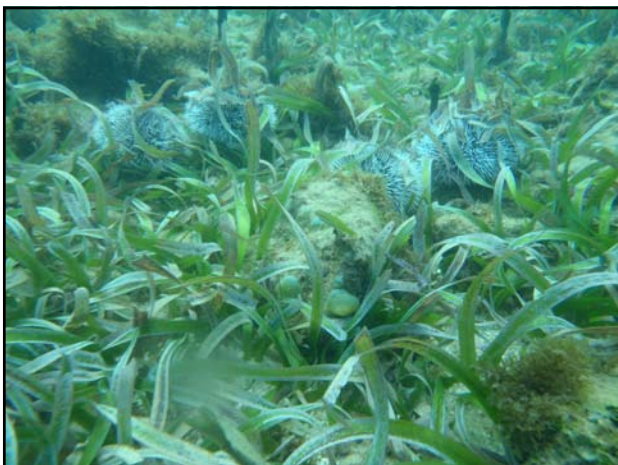


Shelly-Ann Cox (PhD candidate)  
Coastal Cura- People in Places Conference  
St. Mary's University  
June 29, 2011

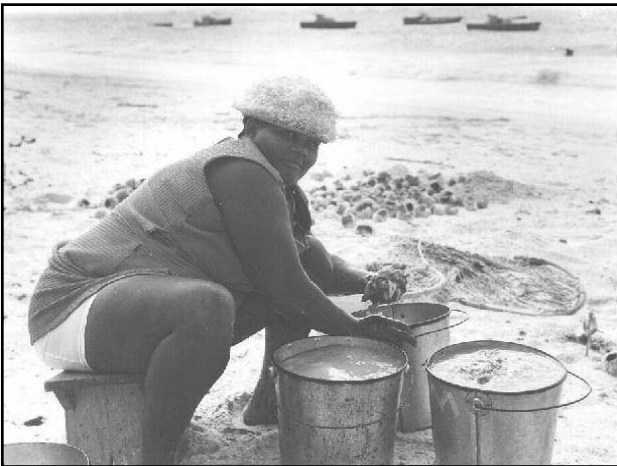
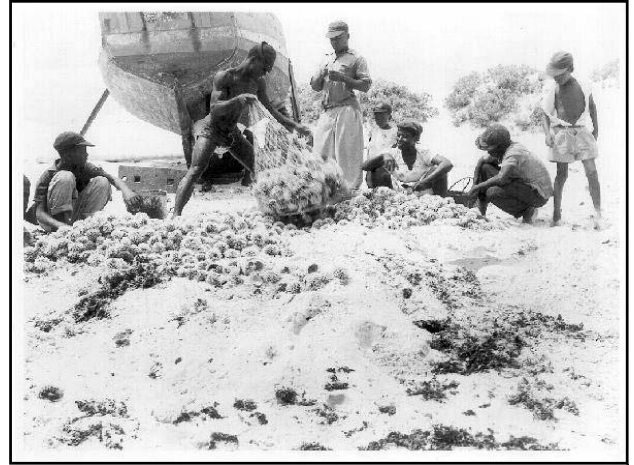



## Presentation Outline

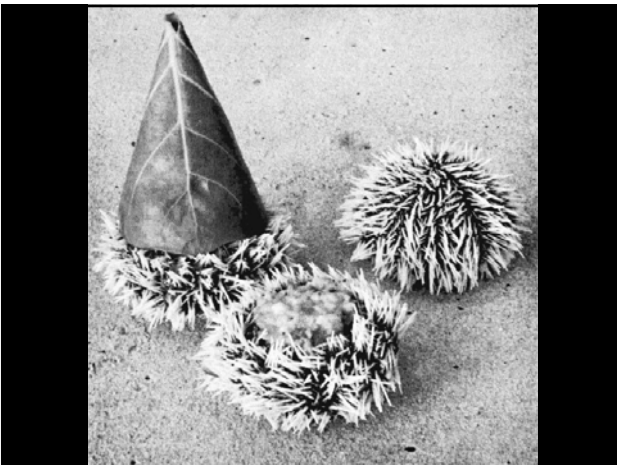
-  Background of the Sea urchin fisheries
-  Brief Summary of Research
-  Field Experiences

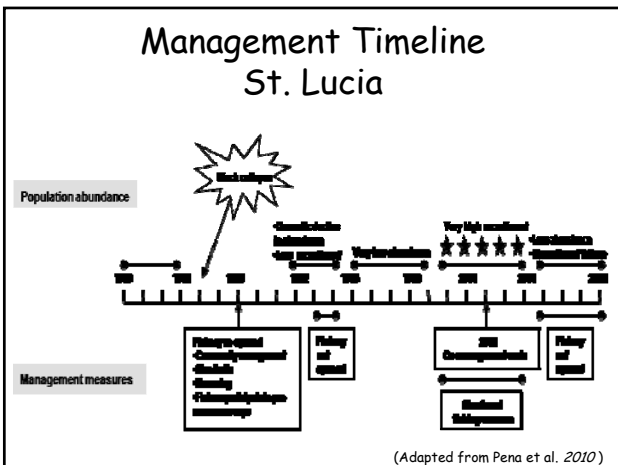
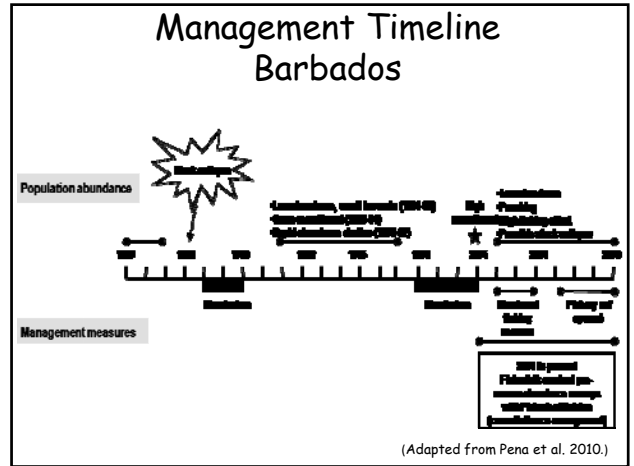












## Sea-egg poacher runs aground

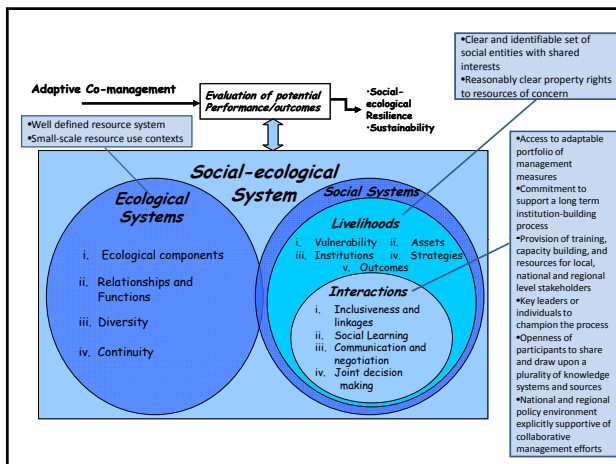
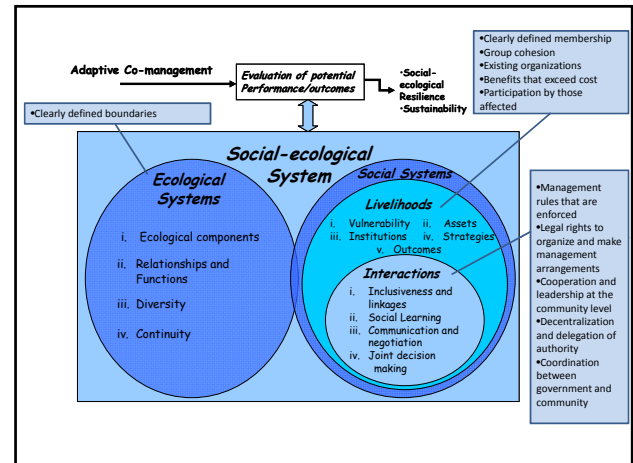
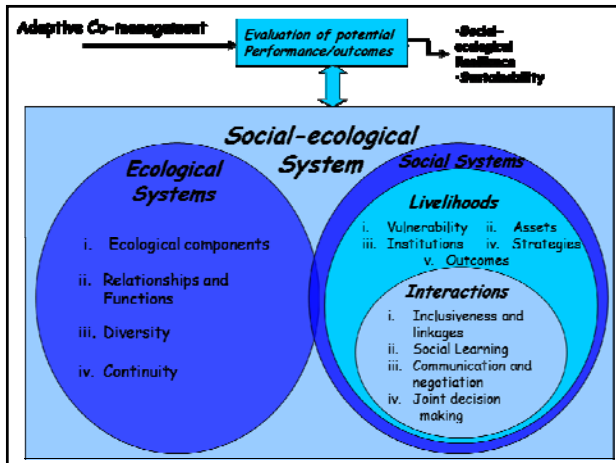
FOR THE NEXT three months sea-egg harvesting and eating will become a thing of the past for poacher Asquith King.

This is as a result of the 26-year-old man being jailed when he appeared in the Oistins Magistrates' Court yesterday.

King, of Bourne's Land, St Christopher, Christ Church, admitted to illegally harvesting 258 sea-eggs during the closed season.

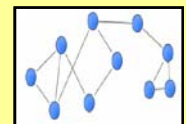
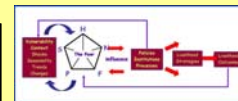
Magistrate Michelle Weekes jailed him for three months.





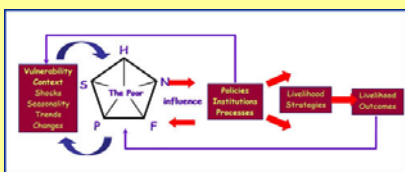
## Brief Summary of Methods

- Ethnographic methods- Participant observation, key informant interviews
- Livelihood analyses
- Focus groups
- Social network analysis



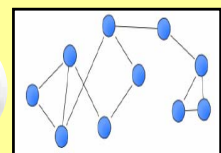
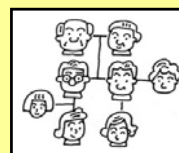
## Livelihood Analysis

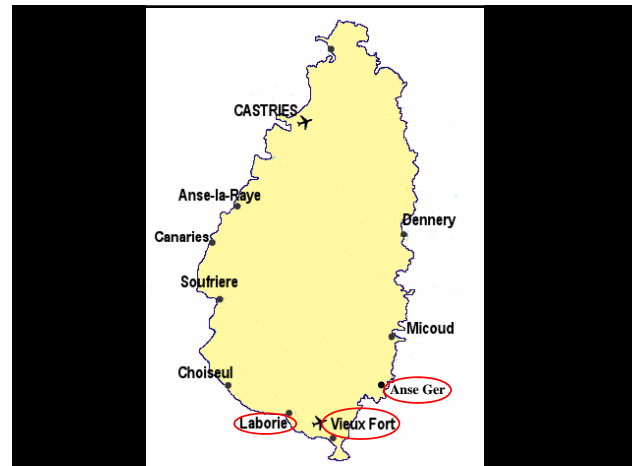
- Determine livelihood assets
- Investigate livelihood strategies
- Assess vulnerabilities

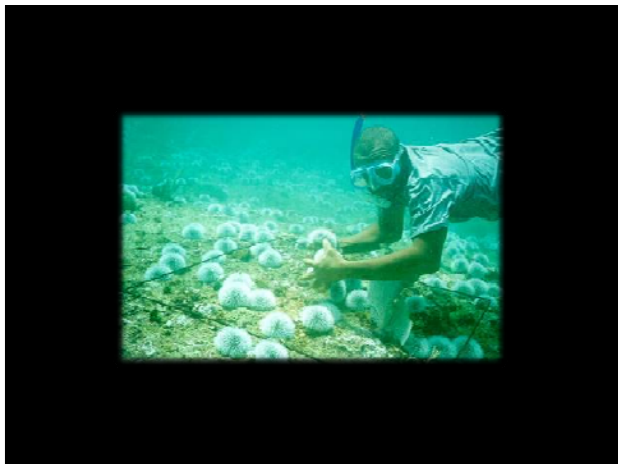
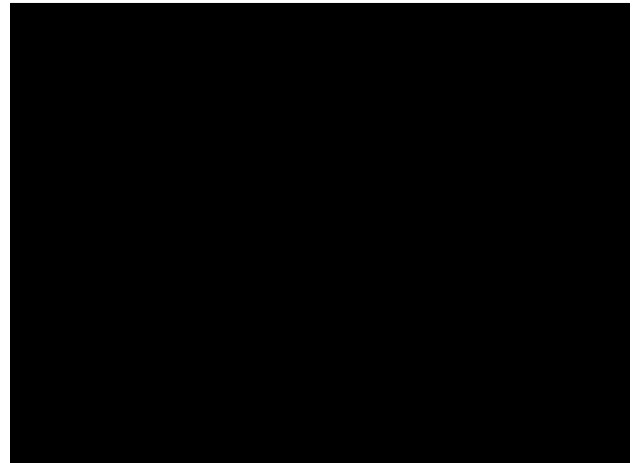


## Social Network Analysis

- Kinship relationships
- Ecological knowledge networks
- Labour networks
- Trust networks
- Management networks







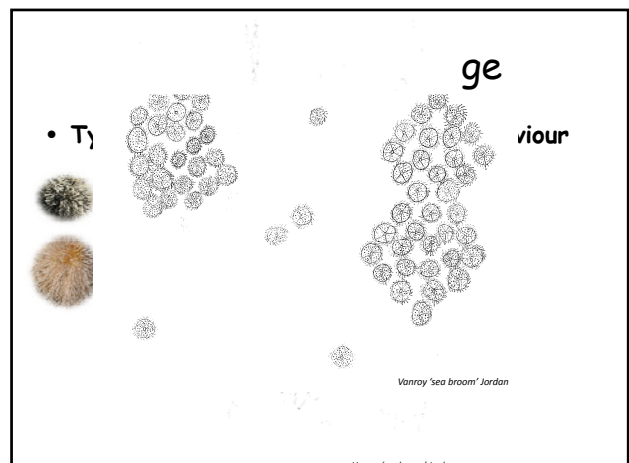
## Sea egg Fishery Management Advisory Council (SEFMAC)

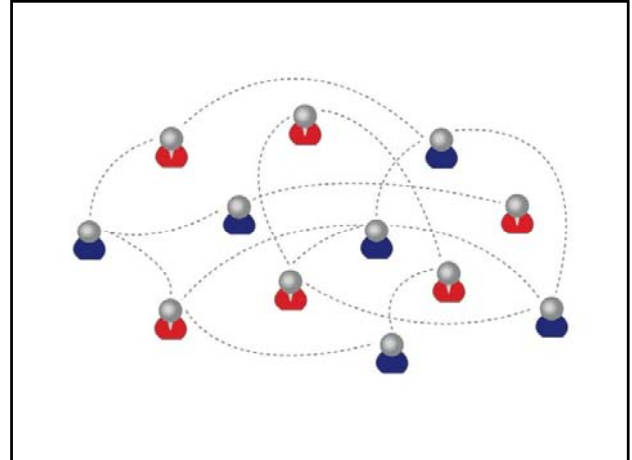
- Government
  - Fisheries Division
  - Coastal Zone Management Unit
  - Marine Police
- Fisheries Scientist (CERMES)
- A member of the Fisheries Advisory Council (FAC)
- A representative of Barbados National Union of Fisherfolk Organizations (BARNUFO)



## Composition of SEFMAC

- Five fishers representing each parish adjacent to the island's main sea egg grounds
  - Christ Church
  - St. Philip
  - St. John
  - St. Joseph
  - St. Lucy





## Thank You

Supervisors

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Professor Robin Mahon

Dr. Jonathan Lashley

IDRC

Photo credits:

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Corey A. Nurse

Allan Bradshaw

David Gill

Family & Friends

**AUDIENCE**