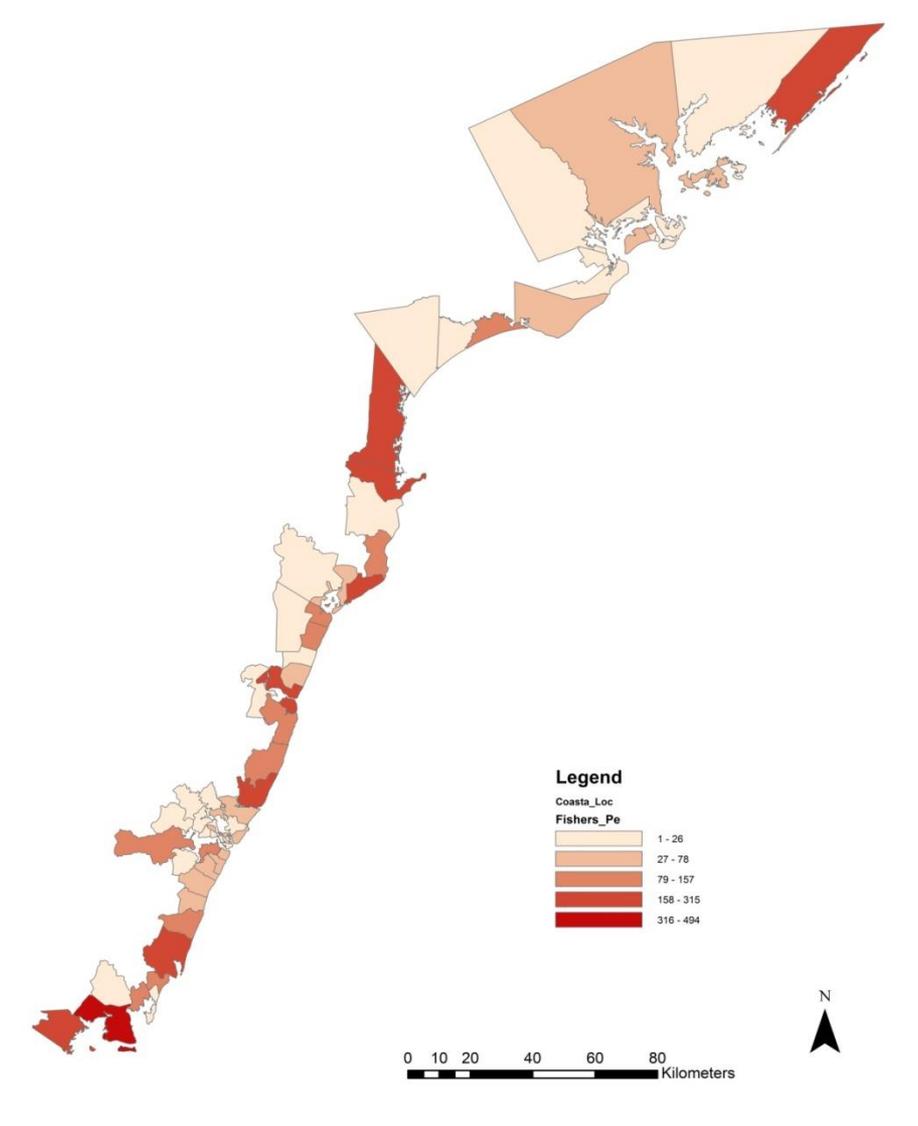


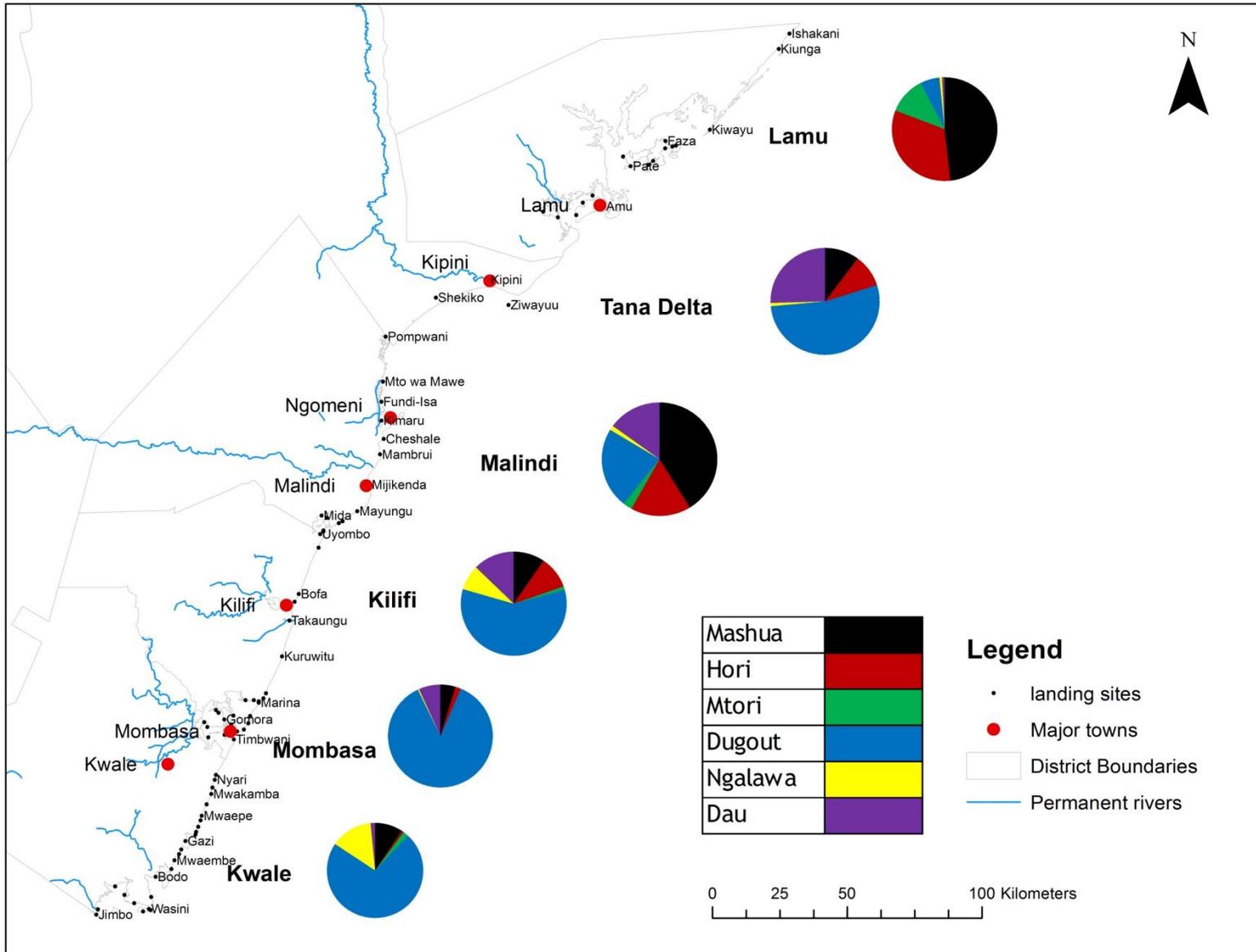
**Weight of Evidence Workshop
Held at Neptune Beach Hotel
Mombasa, Kenya
24-28 March 2014**

By
Peter Nzungi
Stephen Ndegwa

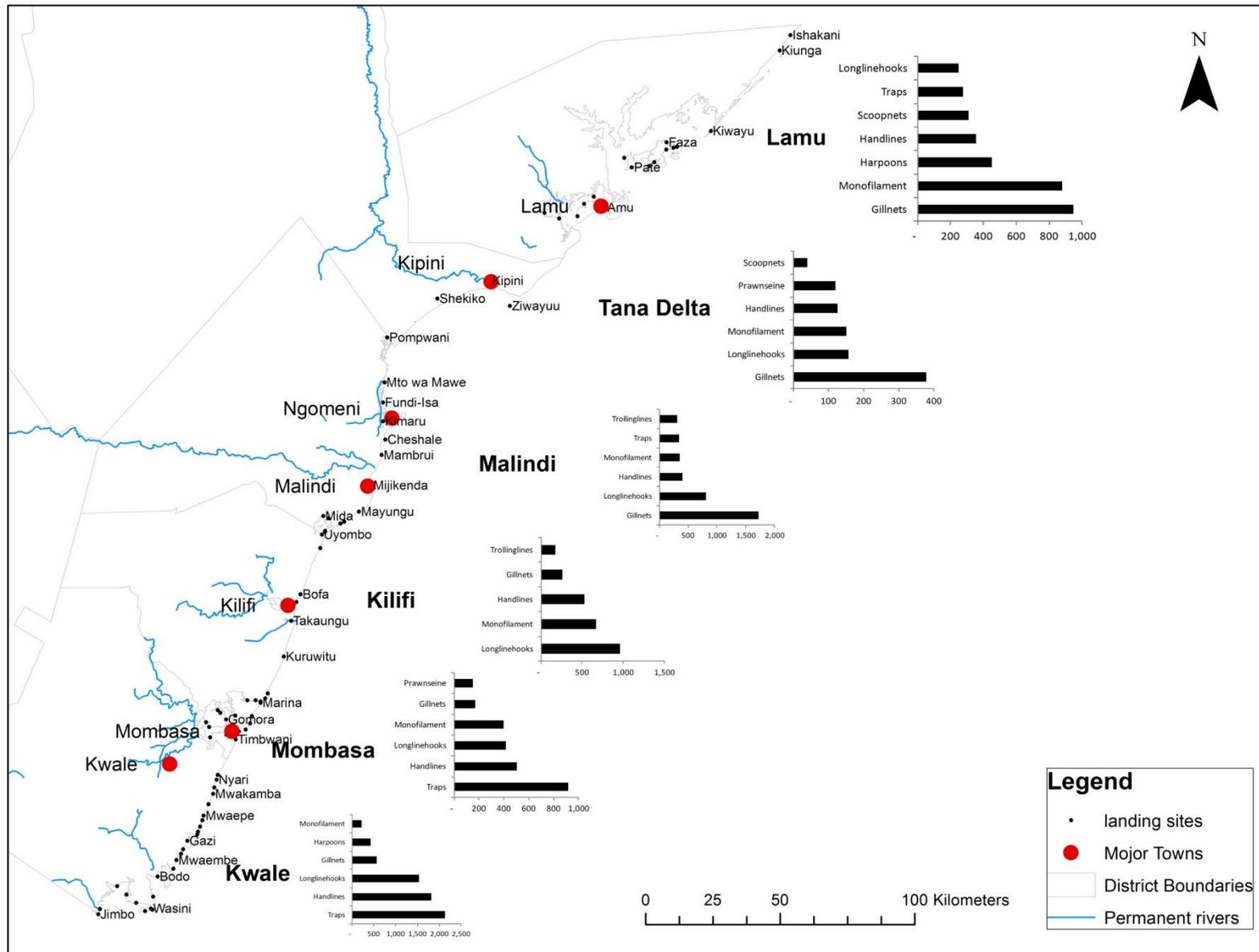
Fishers distribution along the coastline



Vessel distribution



Gear distribution along coastline



MANAGEMENT PLANS

- Prawn Management Plan
- Small and Medium pelagic plan
- Ringnet management plan
- Lobster management plan
- Ornamental fishery management plan

Availability of data

Lobster

Date

Species

Carapace length

Sex

Fishing duration

Catch per fisher

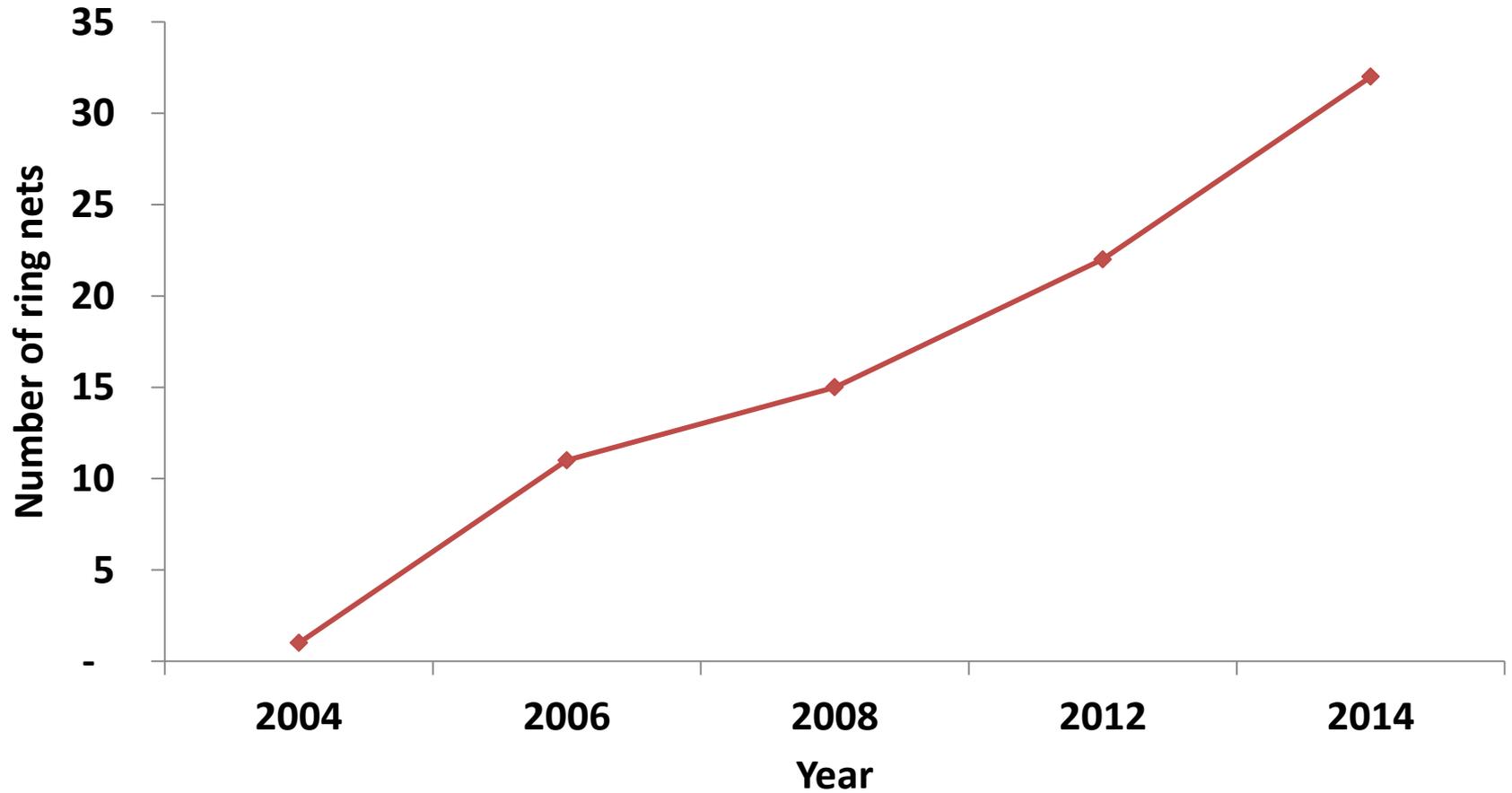
Fishing ground

- **Ornamental fishery**
- **Pelagic fishes (mainly aggregated)**

Main gears used for pelagics

- Handline
- Gillnets
- Ringnets
- Longlines

Number of ringnets



Main species from ringnet fishery

Sphyraenidae:

- *Sphyraena forsteri*
- *Sphyraena jello*

Carangidae:

- *Carangoides ferdau*
- *Gnathanodon speciosus*
- *Carangoides bajad*
- *Caranx ignobilis*
- *Caranx sexfasciatus*
- *Seriola lalandi*
- *Elagatis bipinnulatus*

Species cont'd

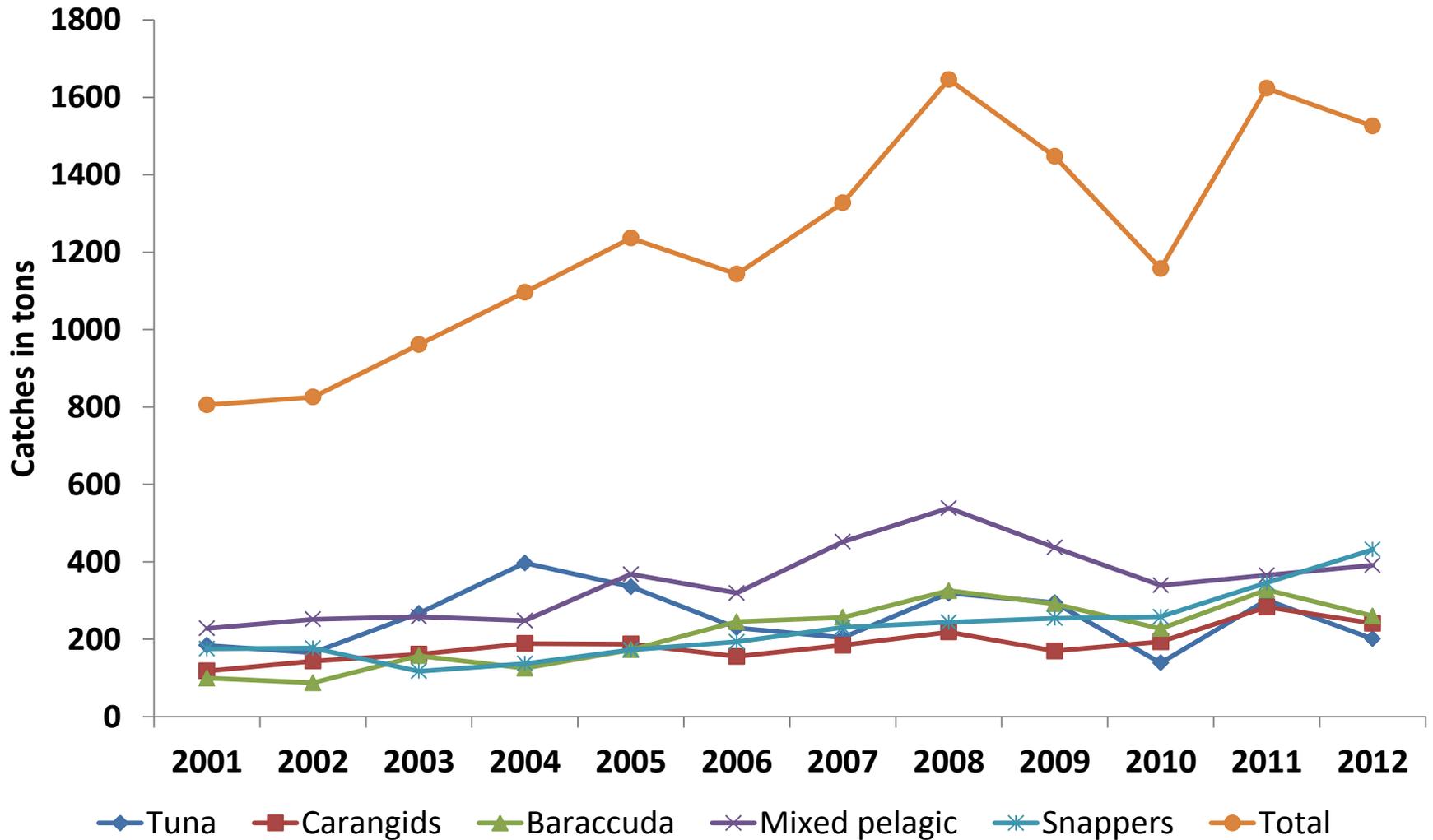
Scombridae

- *Euthynnus affinis*
- *Rastrilleger kanagurta*
- *Scomber japonicus*
- *Scomberomorous commersoni*,

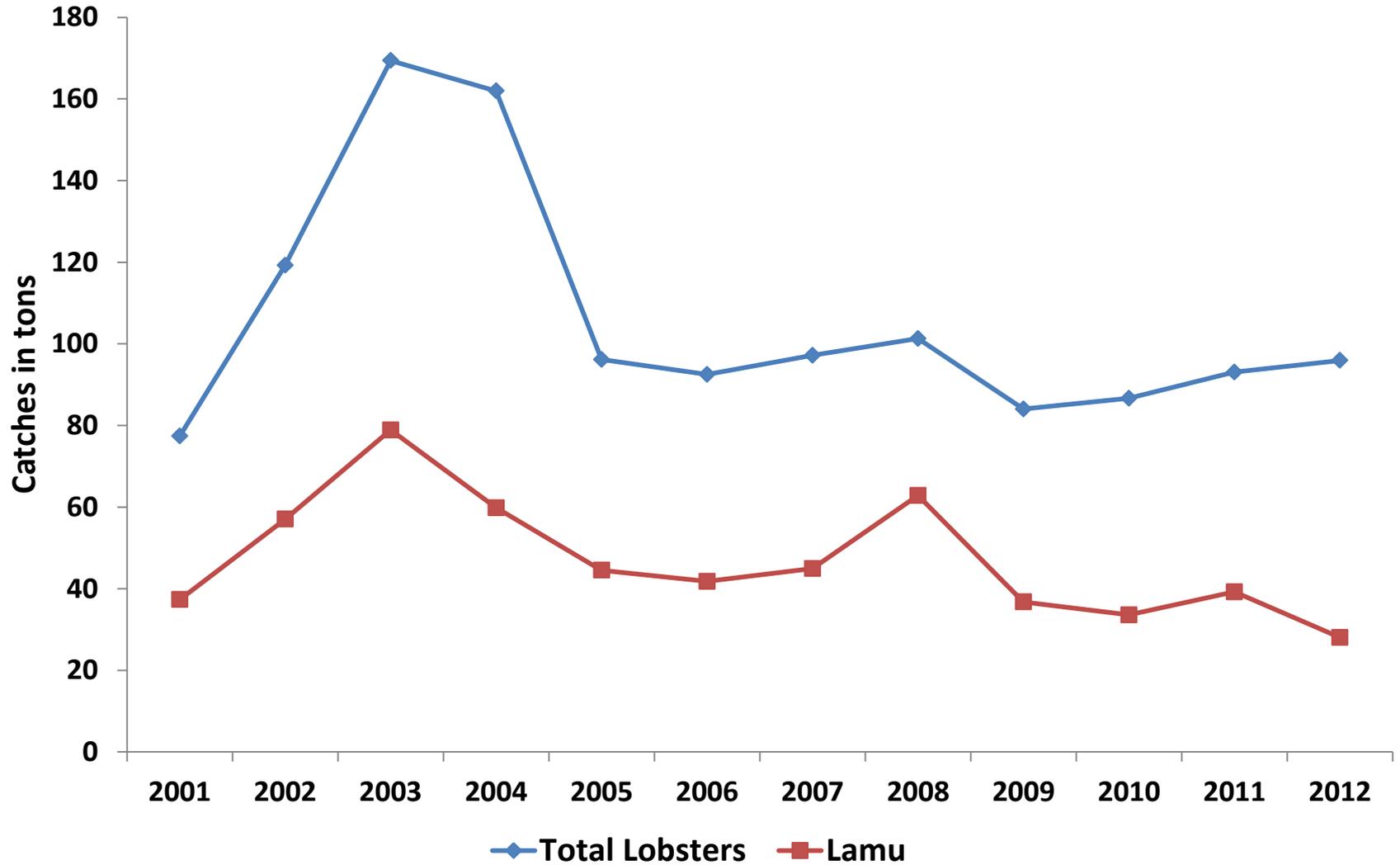
Lutjanidae

- *Lutjanus gibbus*
- *Lutjanus rivulatus*
- *Aprion virescens*

Catches from 2001 to 2012



Lobster catches



Proposed criteria for zoning

- Zoning Be Done Per Suggested Section
- Zoning based on Multi criteria Analysis

Criteria

- Bathymetry ... Bathymetry data Etopo
- Critical habitat . Derived Surfaced Distance to Reef
- Distance to Protected area
- Conflict area (other fishermen)
- Distance from Shoreline

What we would like to achieve in terms of management advice

- MSY
- Effort at MSY
- If there is need for seasonal or area closure
- How best to deal with multi-gear/multi-species fishery management

Thanks