

# Sustainable Conch Management

In an Uncertain World

# Uncertainty

- In what we know
- In what we don't know
- In what will happen

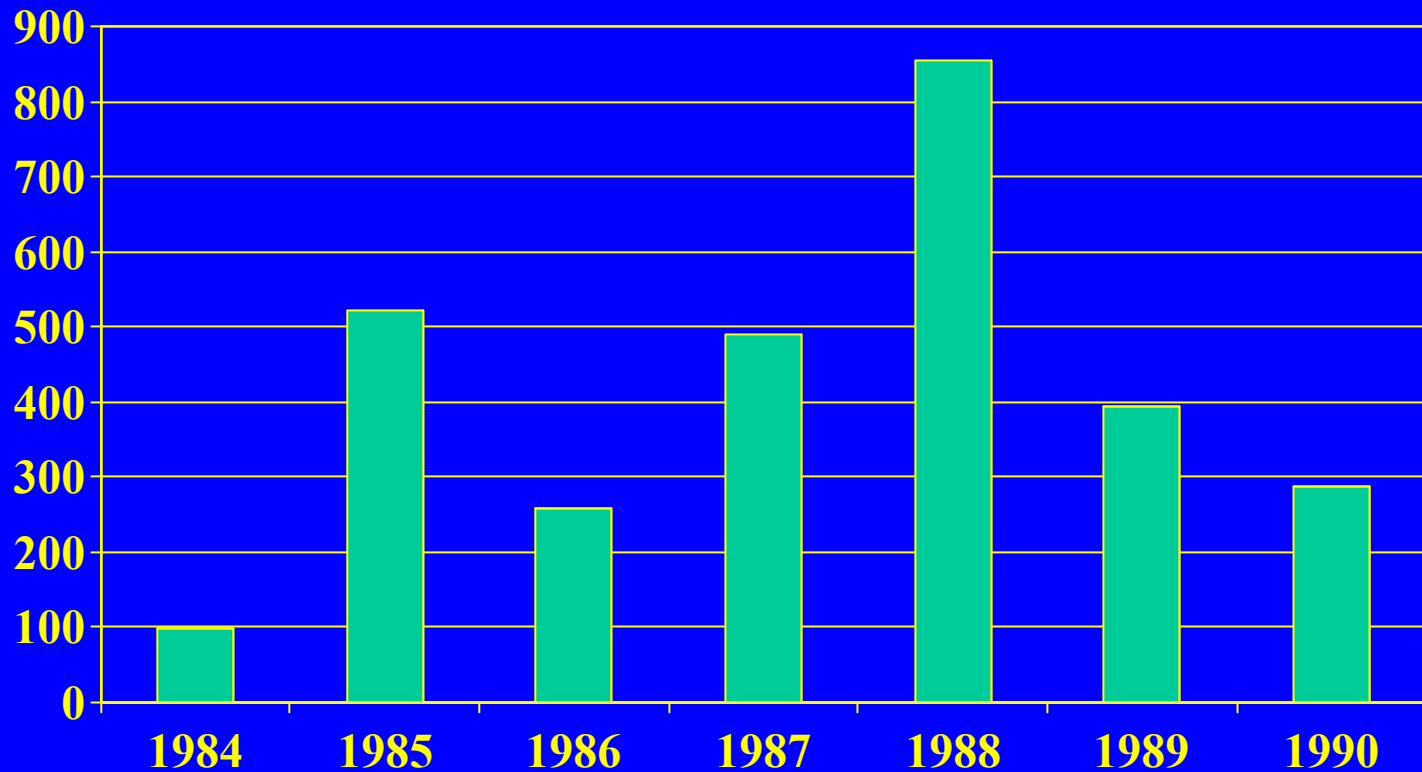
# Goals of Management

- Continuation of Resource
- Continuation of Fishery
- Optimize Benefits

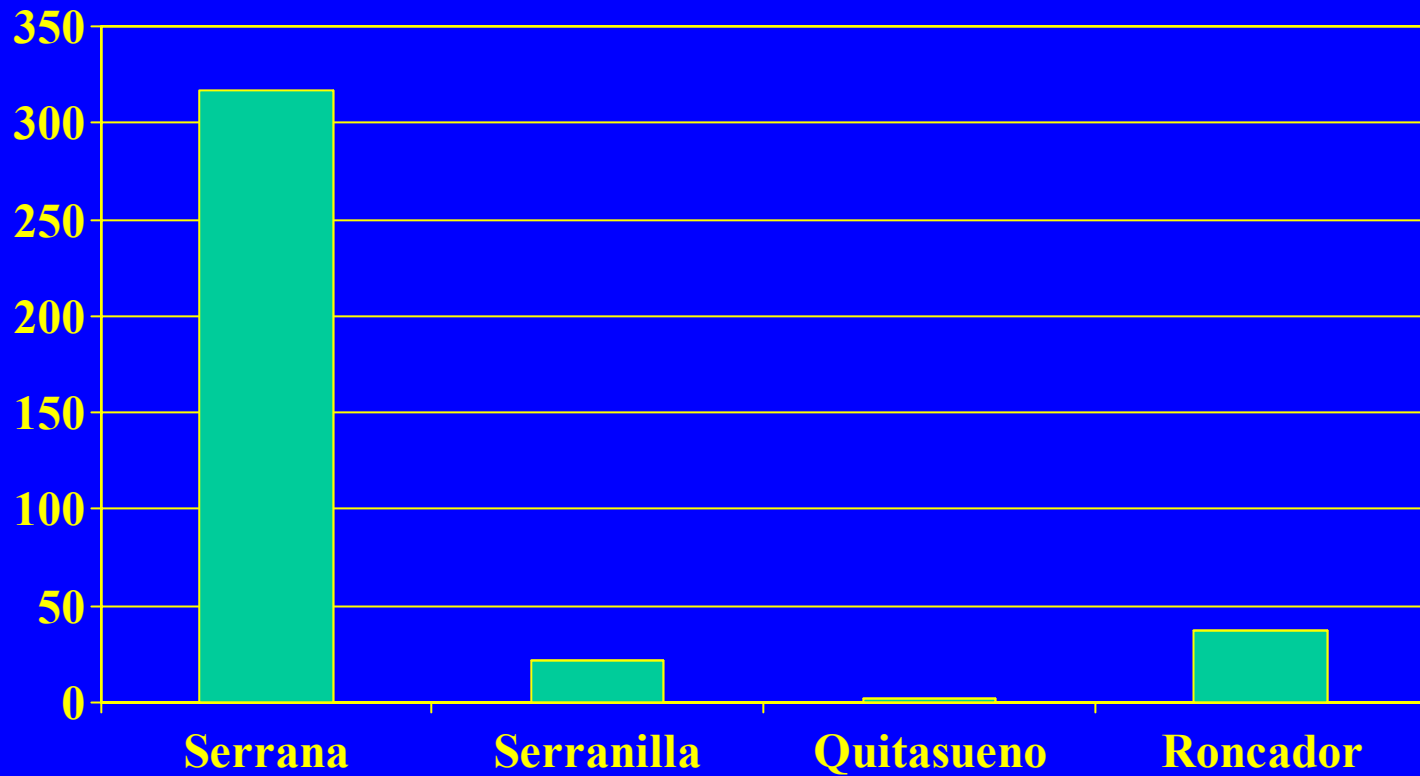
# Benefits to Management

- Greater Stability
- CITES Certification
- Greater Employment
- Optimize Economic Return

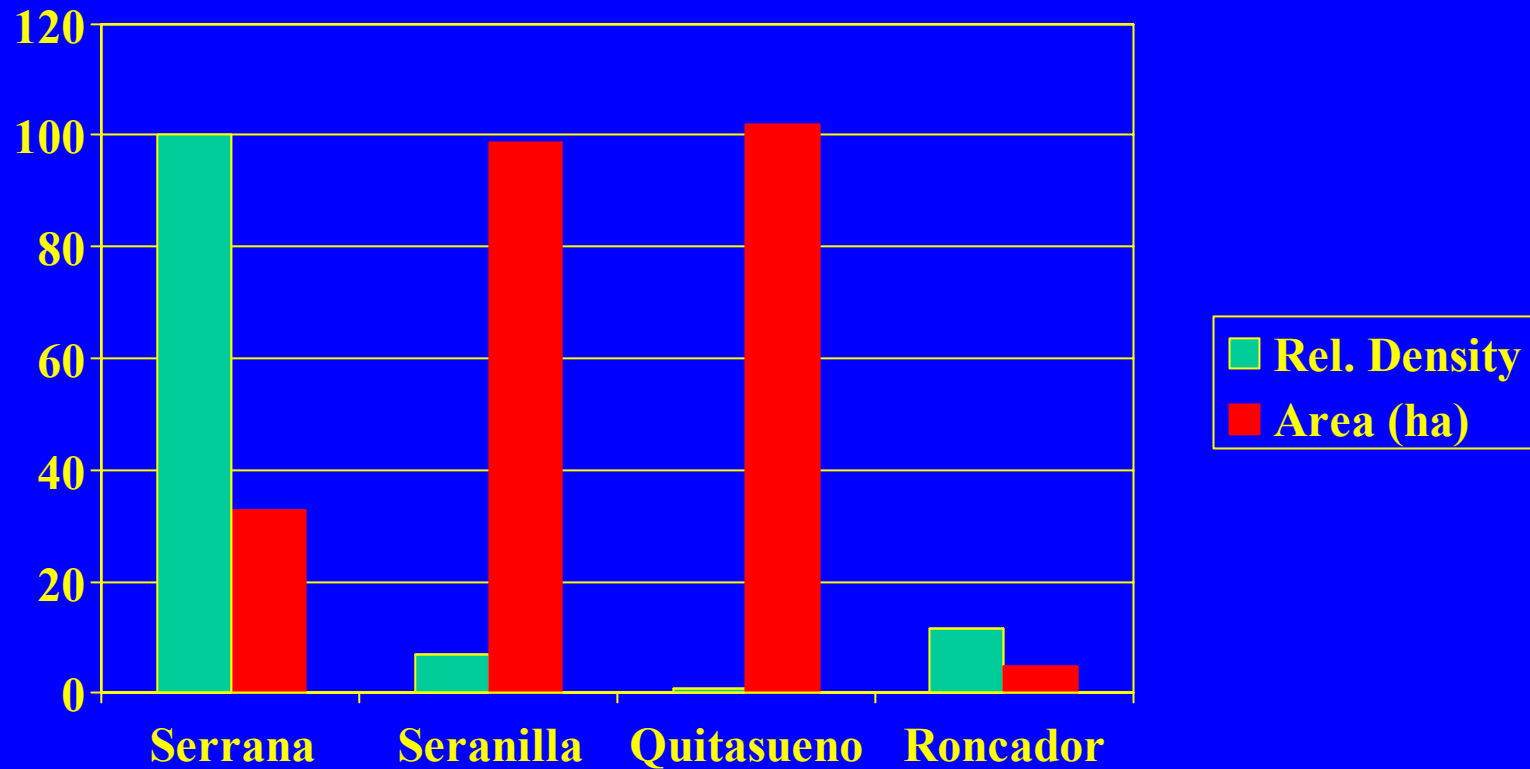
# Tons of Conch Landed



# Conch Density (No./ha)



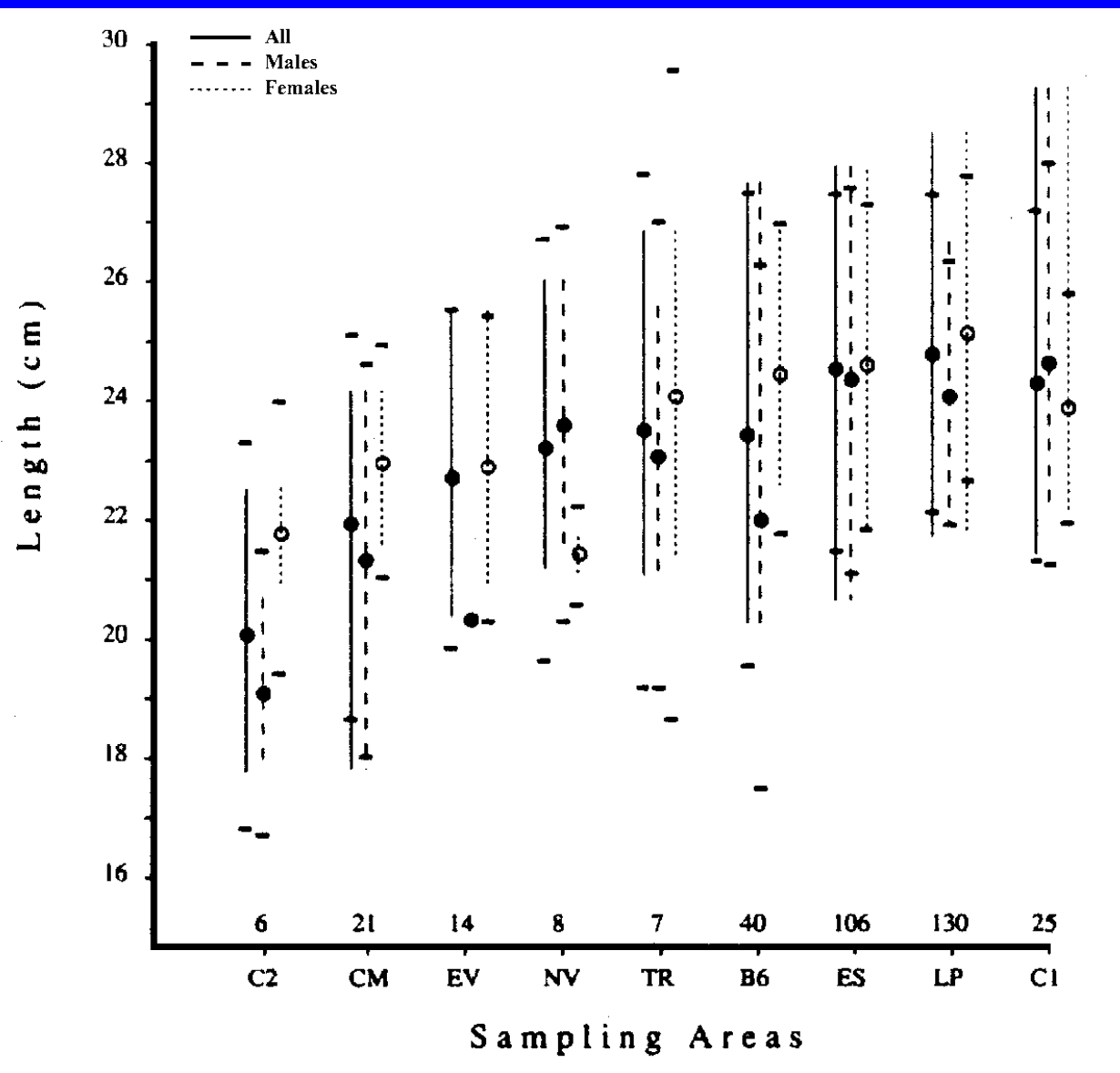
# Area & Conch Density

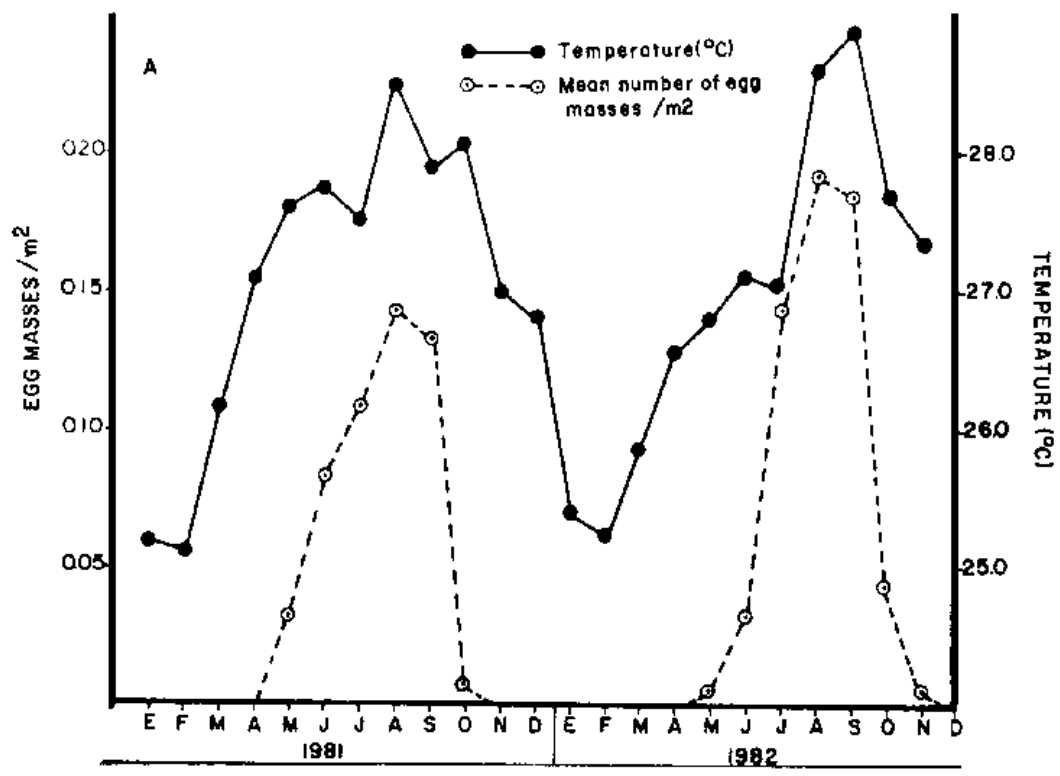


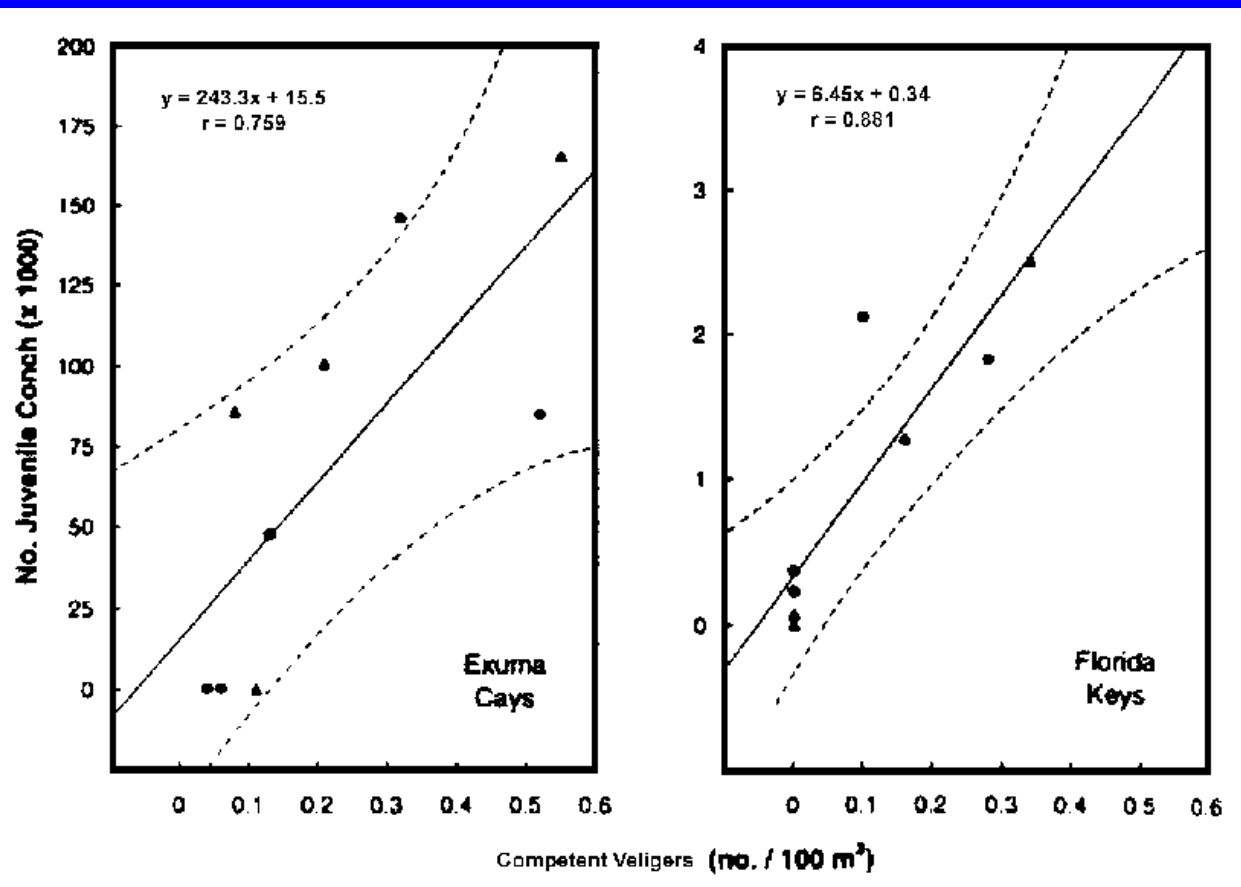
# Economic Benefits

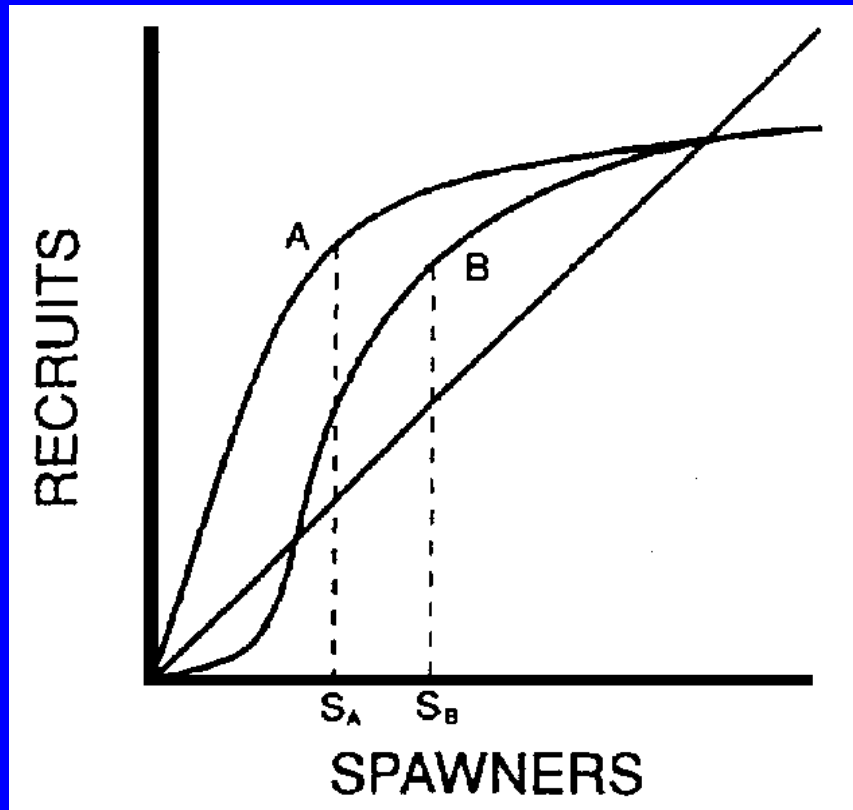
- Landings Value
- Multiplier Effects (x 7)
- Licensing Fees











# Management Methods

- Control Catch
- Control Effort
- Enforcement
- Protect Juveniles
- Protect Nurseries
- Protect Adult Density
- Protect Habitat
- Protect Spawners

# Strategies of Recovery

- Close Fishery
- Pray

# Monitoring (Population)

- Compare Fished & Unfished Areas
- Surveys (Abundance, Age-Structure)

# Monitoring (Fishing Activity)

- Amount of Effort
- Distribution of Effort
- Amount of Landings
- Size-Structure of Landings