

# Analysing the effects of anthropogenic activities on different aquatic ecosystems in WA and identifying ecosystem-based management policies that provide long-term sustainability

## •The seagrass ecosystem of Shark Bay - the role of tiger sharks and the impacts of fishing

Findings:

the dynamics of the ecosystem are driven by tiger sharks

tiger sharks are a top-down control factor in this system

fishing activities in Shark Bay reduce the prey availability for juvenile tiger sharks

- Other modelling:  
Qualitative ecosystem models of Peel-Harvey,  
Swan and Leschenault Estuaries

Ecopath model of Peel-Harvey Estuary

