



AgriFood

economics centre



The human dimension of fisheries management

Staffan Waldo

AgriFood

- The centre is a collaboration between the Swedish University for Agricultural Sciences (SLU) and Lund University.
- The AgriFood Economics Centre provides economic expertise in the fields of agriculture, food, fishing and rural development.
- The aim is to supply government bodies with a solid foundation supporting strategic and long- term policy choices.

Agriculture



Food



Fisheries



Rural development



Fisheries



Department of Economics, SLU

- Staffan Waldo
- Johan Blomquist



LUNDS
UNIVERSITET

Lund University

- Cecilia Hammarlund



Contact:

staffan.Waldo@slu.se

Johan.blomquist@slu.se

www.agrifood.se

Fisheries research at AgriFood

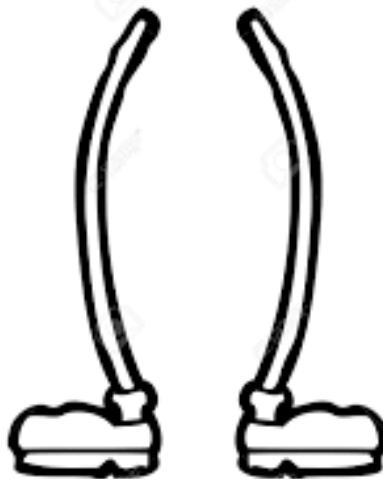
Policy

Ministry of Enterprise and Innovation

Swedish Board of Agriculture

Swedish Agency for Marine and Water Management

Fishing industry



Research

Methodology

Scientific review process

Fisheries



Research areas



Coexisting with large carnivores

– the case of seals

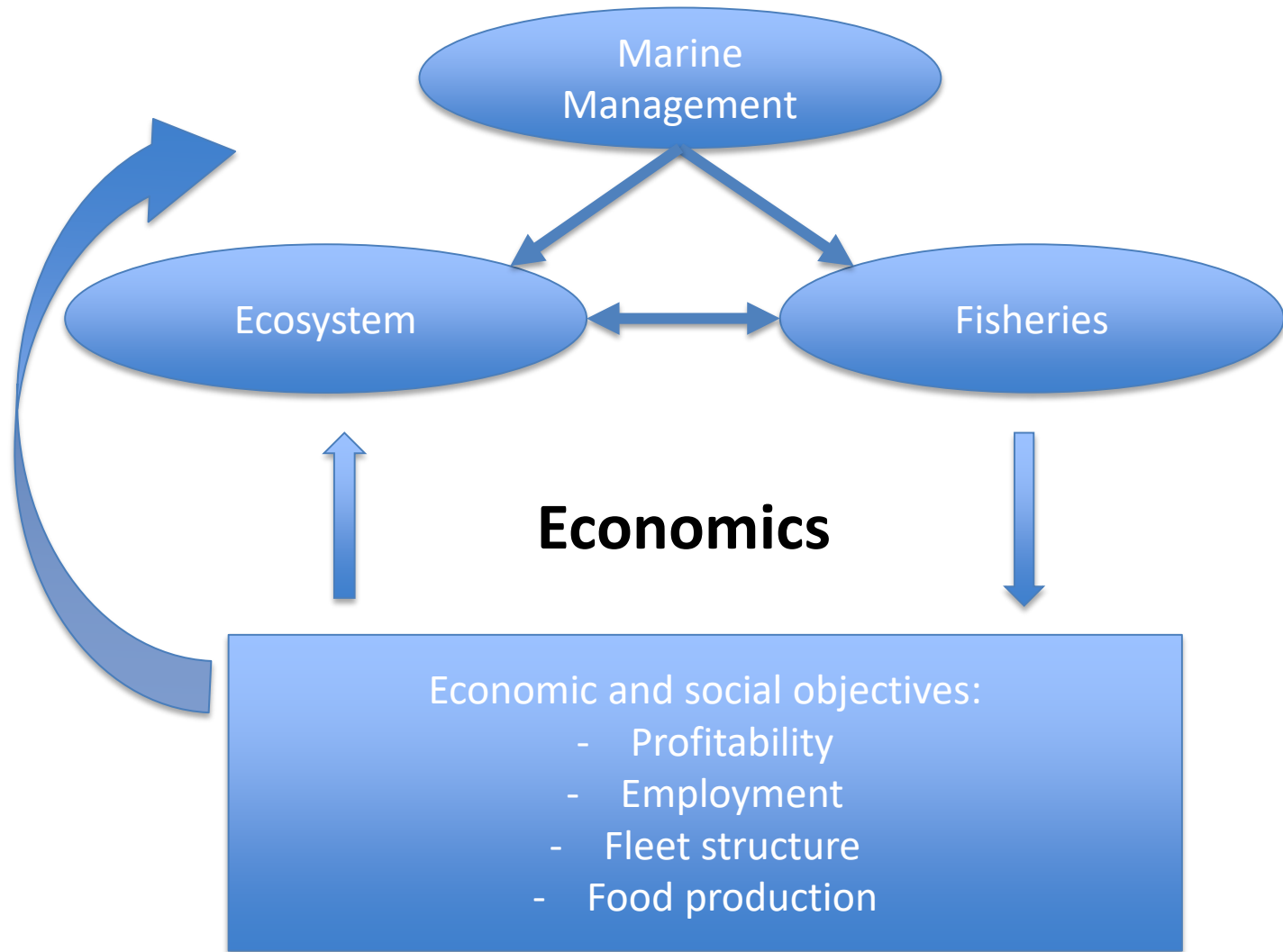
- Biology (LU, SLU Aqua)
 - Seal predation from fishing gear
 - Field experiments
- Environmental psychology (LU)
 - Coping with seals (fishers, society)
 - Preferred management actions
 - In-depth interviews with fishers, locals, etc.
- Economics (SLU)
 - Costs from seal predation (lost catch, broken gears)
 - Input from biologists, surveys
 - Do fishers quit because of seal interactions?
 - Econometric analysis of logbook data and seal interaction
 - Economic effects of seal management scenarios
 - Bioeconomic modelling
 - Scenarios (with biology, env psy)



Photo: Waldo



Future research areas



Example of future collaboration?

- Formas project 2021-2023
 - New modelling tools to understand fishing fleet dynamics under changing economic and management conditions
- Spatial model for fisheries
 - Costs, revenues
 - Expected change in fishing behaviour if a fishing area is closed or gets new technical regulations
- We can model economic impacts and fishing behaviour of spatial regulations, but...
 - Areas of biological interest?
 - Areas of social interest?
 - Biological effects of new fishing behaviour?
 - Relevant management options?
 - Etc.



Other research areas

- Aquaculture
 - EMFF subsidies
 - Future?

- Processing industry
 - EMFF subsidies
 - Future?



Thank you

www.agrifood.se

Staffan.Waldo@slu.se

Johan.blomquist@slu.se

