Appendix 3. Individual mental models

a) Coop1

b) Coop2
c) Coop3 (LaPa4)

Governmental organizations Enact The Law
Enact Agreements
No-take areas and closed seasons
Agrees
Informs Comply with Fishers
Comply with

Responsible fishing
NGOs
Promote
Creates Inter-cooperative committee
Promotes
Commercialization

d) Coop4

Commercialization Improves
Responsibele fishing Provides
Funding
Benefits Fishers
Comply with The Law

Harms Intermediaries
e) Coop5 (LuCa10)

- CONAPESCA
- SEPESCA
- CONANP

Funding

- Provides
- Benefits
- Endorsement

Fishers

- Preserve
- Promote
- Commercialization

Natural resources

Fish stock

Commercialization

e) Coop6

- Inter-cooperative committee

Commercialization

- Benefits

Fishers

- Provide
- Benefits

Knowledge

Research centres

- Provide

CONAPESCA

- Provides

CONANP

- Do

Surveillance

- Benefits

No-take areas and closed seasons

Capacity building

Preserve
Fig. A3.1. Individual mental models of the leaders of six fishing cooperatives

a) LaPa1
b) LaPa2

---

---

c) LaPa3
d) LaPa4 (Coop3)
Fig. A3.2. Individual mental models of eight members of La Palma fishing cooperative
a) LuCa01

b) LuCa02
c) LuCa03

CONANP

Commercialization

Funding

Promote

Families

Agreements

No-take areas and closed seasons

Do not fish

Juveniles

Fish stock

Future

Promotes

Responsible fishing

d) LuCa04

Governmental organizations

Natural resources

Support

Funding

Preserve

Fish stock

Fishers from other communities

Capacity building

Benefits

Provides

Fishes

Benefits

Provides
g) LuCa07

h) LuCa08
i) LuCa09

ii) LuCa10 (Coop5)
Fig. A3.3. Individual mental models of eleven members of Luchadores del Castaño fishing cooperative
a) Gov1
b) Gov2
d) Gov4

Fig. A3.4. Individual mental models of four government agencies’ representatives

a) NGO1
b) NGO2

Governmental organizations

SEPESCA

SEMAR

CONAPESCA

CONANP

Fishers

Funding

Legislates

Legislates

Legislates

Communicates with

Preserves

Preserves

Preserves

Supports

Supports

Belong to

Inter-cooperative committee

Promotes

Commercialization

Fish stock

Habitat

Natural resources
c) NGO3

**Fig. A3.5.** Individual mental models of three NGOs’ representatives
**Fig. A3.6.** Individual mental model of a research centre’s representative.