

Appendix 2

Social-ecological interview:

Purpose: Perception of the current phase of the adaptive cycle in Chiloé Island

Name: _____ Place of birth: _____

Age: _____ Years living in Chiloé: _____

Locality where you live: _____

Activity you develop: _____

The following questions relate to the four phases of the adaptive cycle theoretical model:

- **Growth phase (r):** the ecosystem (e.g. coastal zones) provides benefits (diversity of algae, seafood, fishes, and favorable conditions for mussel and salmon farming). People use them for subsistence and commerce (increasing their income). There is a change from traditional to industrial practices, the creation of cooperatives, and relationships between institutions and society.
- **Conservation phase (K):** the ecosystem remains without major changes and without modification of its uses. There are no new industries. There is a monopoly and rigid association rules. There are political and economic pressures from the global-national scale.
- **Collapse phase (Ω):** the ecosystem, due to internal and/or external perturbations, changes its structure. There is a disarticulation between social and ecological systems. The perturbations generate social and/or ecological crises, with economic consequences, emigration, and changes in productive activities.
- **Reorganization phase (α):** the system, after a perturbation, starts a new cycle. The ecosystem is different, and people adapt to it (e.g. new industries, the culture of new species).

Questions:

1. What is the current phase of the Chiloé Island social-ecological system?
2. What year did the phase start?
3. When did it end? or Does it continue?
4. Has the stated phase occurred before?
5. If the answer is yes, what was its approximate date?