Science for marine conservation in Peru: lessons and challenges

Eliana Alfaro Cordova PERU



Who am I?

- Peru
- Biologist
- MSc. Marine and Lacustrine
 Science and Management
 (Oceans & Lakes)
- Researcher PRODELPHINUS

Scientific Interests

Marine conservation - Fisheries











Who am I?

- Peru
- Biologist
- MSc. Marine and Lacustrine Science and Management (Oceans & Lakes)
- Researcher PRODELPHINUS

Scientific Interests

Marine conservation





Pro Delphinus Miloslavich et al., 2011

Who am I?

- Peru
- Biologist
- MSc. Marine and Lacustrine Science and Management (Oceans & Lakes)
- Researcher PRODELPHINUS

Scientific Interests

Marine conservation



How?



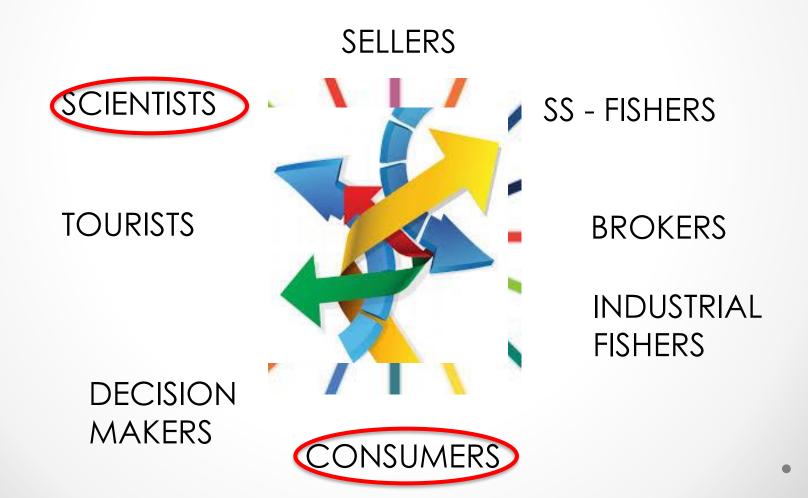




What did I see?

The complexity of conservation

Stakeholders



What did I see?

MEANING The complexity of conservation Leopold, 1949 Conservation is a state of harmony between men and land. - Aldo Leopold @www.famouscelebrityquotes.org

Martine



Research → with others.



Research → with others.



2) Share \rightarrow within different type of audiences.







(3) Work → From the inside

Get hooked to the application "boveda"

As a consumer...



(3) Work → From the inside

As a peruvian scientist









(3) Work → From the inside

As a woman







It is no easy

PERU (and probably other parts of the world)

- Political instability
- Corruption
- Inequality (income, rights)



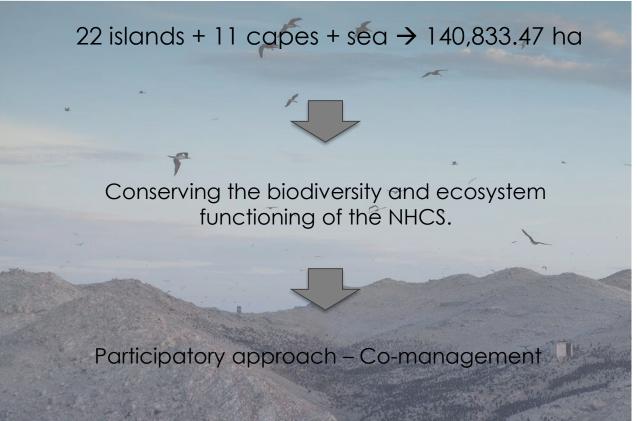
I don't want to be a part of this, but I am.



CASESILUDY

Lobos de Afuera Islands Project

(2017 - 2018)





Objective: To collaborate with the improvement of marine ecosystem management in the Lobos de Afuera islands as part of the "Guano Islands and Capes National Reserve" MPA.







Highest biodiversity...

- > 200 species
- ✓ Birds
- ✓ Fish
- ✓ Mammals
- ✓ Invertebrates
- ✓ Echinoderms
- ✓ Reptiles





ELEMENTS OF CONSERVATION







Environmental
Conservation
elements

EconomicalSmall-scale fisheries

Social Stakeholders

- ✓ Generate information (biological, social, economical)
- ✓ Promote participation of stakeholders in management actions



Identified problems ... challenges

- 1. Lack of information within local population
- 2. Distance → 40 nm
- 3. Stakeholders "management committee"



- \blacksquare Stakeholders present in the islands \rightarrow \blacksquare Not mapped, do no participate.
- Former Stakeholders but not present in the islands
- Included stakeholders but not present in the islands \rightarrow indirect users

RESEARCH



Balaenoptera musculus



RESEARCH...with others







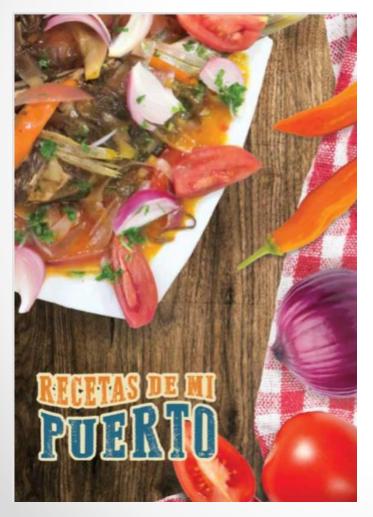


FISHERS → STAKEHOLDERS





Local actors → women









Local actors → Young people





It is not an easy job...

- Conflicts between stakeholders
- Wrong expectations about our work

... Is it necessary to include all these stakeholders?

How to become a change agent in marine research?

Some ideas...

Identify what it is necessary to change and why



- Read, think, question yourself about paradigms.
- Travel, learn
- Be conscious that you are part of a whole

THANKS

