

Artisanal fishing management in Mediterranean MPAs

Fishermen engagement: a key success factor



MEDPAN
NORTH
PROJECT



in collaboration
with :



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Introduction

Artisanal fishing (a.k.a. small scale fishing) is a historical activity deeply rooted in the Mediterranean Sea. It involves a considerable number of fishermen and vessels



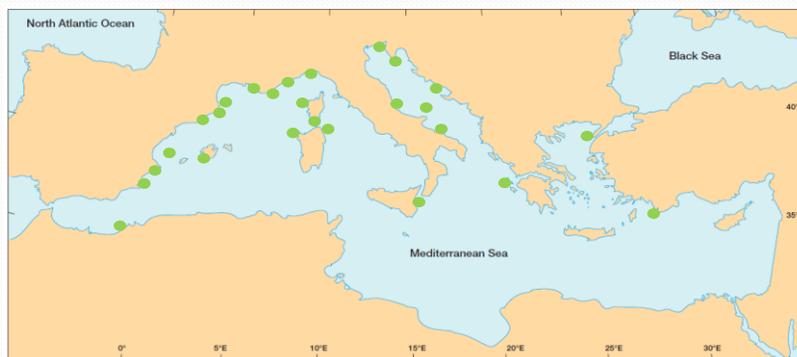
*Fishing potentially sustainable
but in crisis (i.e. stock
depletion)*

Marine protected areas (MPAs) represent a valuable tool for both fishery management and marine conservation

Scarce information is available about the success/failure of artisanal fishing management in Mediterranean MPAs

Aims of the study:

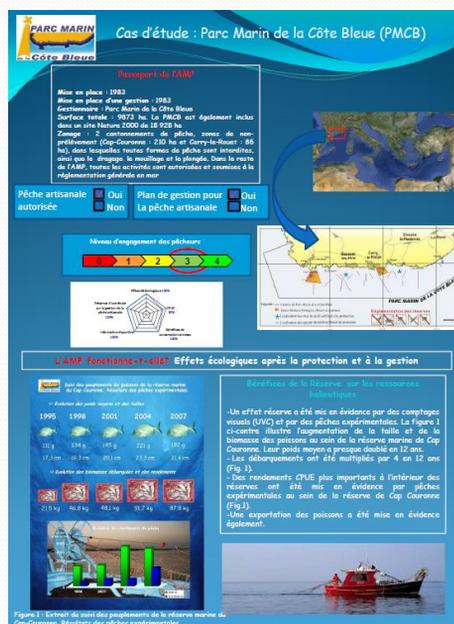
- to provide an **outline of the current situation of artisanal fishing in the Mediterranean MPAs**
- to point out the **potential factors influencing the success of artisanal fishing management in Mediterranean MPAs**



26 case studies from 7 Mediterranean countries

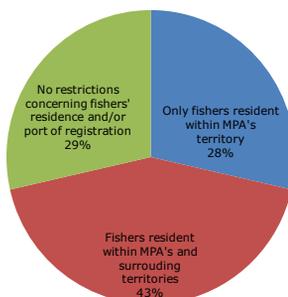
Case studies: an example

- MPA General information
- Management plan availability
- Level of fishermen engagement
- Ecological effects of protection
- Benefits for fisheries
- Regulations
- Management activities
- Involvement of fishermen

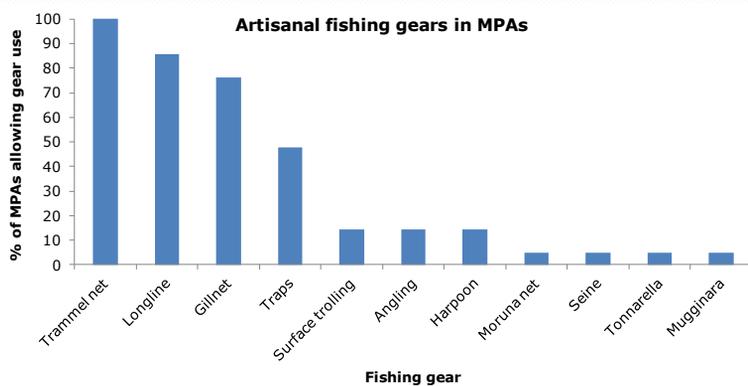


Some cross-cutting results

Who is allowed to fish within the MPA

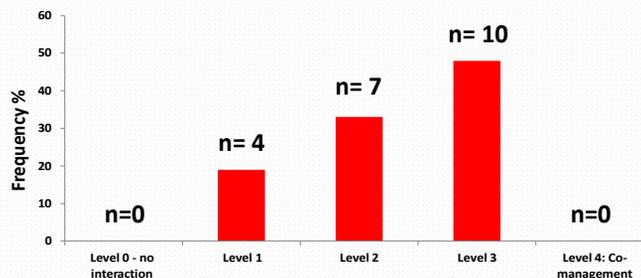


Some cross-cutting results



Some results

Level of **fishermen engagement** into management of artisanal fishing in MPA

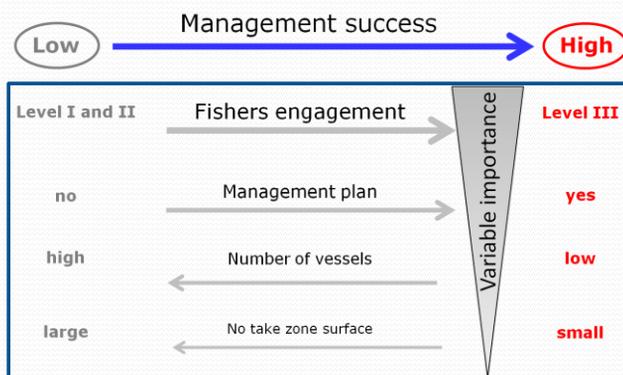


Some results

Factors influencing the success of artisanal fishing management

Response variable:
success score

Predictive variables:
16



Conclusions / Recommendations

- **MPAs impacts / benefits on fisheries need to be more documented in the Mediterranean**
- **Engaging fishermen into management practices is key**
- **Legal frameworks need to be adapted to enable fishermen consultation and participation**
- **MPA need to develop fisheries management plan**
- **Communication and awareness-raising on MPAs and fisheries need to be implemented**

Full study to be released at the end of this year

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Credit: I Fournari Konstantinidou