Engaging Fishing Communities

Protecting fishermen and fish as a target of an MPA

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Institution of Marine Protected Area
Ministerial Decree 1991
Extension of 2.200 ha

Institution of Terrestrial natural reserve
Ministerial Decree 2000
Extension of 1.100 ha

Overlapping with 1 SCI
IT9140005 Marine and terrestrial
And 1 SPA
IT9140008
Zone A (Integral Reserve): Allowed research activities and guided tours

Zone B (General reserve): Allowed research activities, guided tours and bathing

Zone C (Partial Reserve): Allowed research activities, guided tours, bathing and artisanal and recreative fishing
In the SPAMI List

MANAGEMENT EFFECTIVENESS

Organization registered according EMASIII Reg.
Fishery management

In the first five years of management (2000-2005) the fishing was forbidden to allow the regeneration of fish stocks.
Fishery management

The agreement allows the modification of fishing management according with the results of the monitoring activities on fishing stocks.
Fishery regulation

Nets in Zone C once a week
Allowed net is the *tramaglio (gill nets)* (max 1200 mt with mesh over 10 (3 cm) and 11 (2,6 cm))
Fishery monitoring

Length and mesh dimension, species, number, size (LT) and total weight for species. Difference with catching out of MPA.
Fishery performance

The graph shows the fishery performance in kg/1000 m di tremaglio from 2005 to 2016. The data is categorized into two groups: IN and OUT. The bars indicate the average performance with error bars for each year.
Fishery performance

![Graph showing the ratio IN/OUT from 2005 to 2016.](image)

- The ratio IN/OUT generally remains below the target level for most years except for a few notable peaks in 2007, 2008, and 2016.
- Peak values are observed in 2007, 2008, and 2016, exceeding 7.
- The lowest value is observed in 2005.
Fig. 1 - Fishing catches (expressed as CPUE: kg/1000m of net/day) of fixed nets (trammels and gillnets) reported in literature along the Italian coasts. Black bars indicate locations within MPAs, grey bars locations not included in MPAs.
Conservation performance
On a voluntary basis, reduce fishing efforts of 40% in 1 year and monitor effects.
The role of Fishermen

Guardians of the SEA

Environmental educators
Conserve and protect the enviromental heritage

The role of MPA

Conserve and protect the cultural heritage of SSF
The challenge for the future
Thanks for your attention

https://www.instagram.com/torreguaceto/