Three years’ experience with small-scale fishers and No-Take-Zones in Gökova SEPA (Eastern Mediterranean), Turkey

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Establishment of Gökova NTZs
(24 km²)
Total area: 109.280 ha
Marine area: 82.249 ha

**Stakeholders**

Main users of the area are fisherman

- 3 Fishery Cooperatives
- Total 100 fishing boats

**Responsible Ministries**

- Ministry of Environment and Urbanization
- Ministry of Forestry and Water Affairs
- Ministry of Food, Agriculture and Livestock
Responsible Local Agencies

• Directorate General for Protection of Natural Assets
• Directorate General of Fisheries and Aquaculture
• Directorate General for Nature Conservation and National Parks
• Coast Guard
• Gendarme
• Local Administrators

Importance of the Area

• Key Biodiversity Area (designated with in the criterias of Natura 2000 sites)
• WWF Global 200 Eco-region
• Special Environmental Protected Area
Importance of the Area

Habitat of key species;

Monachus monachus
Carcharhinus plumbeus
Caretta caretta
Chelonia mydas
Posidonia oceanica

After convincing fisherman for NTZs...

1. Community Marine Ranger system
2. Better enforcement
3. Public awareness (sign boards, brochures etc)
4. Installments of marker poles on the borders of NTZs
5. Systematic monitoring in and out of NTZs.
Marine rangers located at two stations.

- English Bay is the biggest NTZ with 6.40 km².
- Akyaka Bay is the third biggest NTZ with 2.21 km² and two fisheries cooperatives located.

6 NTZs established in 2010.
Informative sign boards placed at 6 NTZs

14 marker poles installed at the borders of NTZs
Systematic monitoring in and out of NTZs.

Improvements in three years**

27 % increase of fish population*

19 % increase of *Epinephelus marginatus* population*

18 % increase of *Epinephelus costae* population*


** Visual monitoring
RECOMMENDATIONS

1. Keep Monitoring
2. Inform the stakeholders with your results of monitoring
3. Keep up with the good enforcement

Ghost Net Hunters

500 meters of nets
8,000 meters of long line
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