Karaburun-Sazan MPA: Make the Newborn MPA Operational

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NAPA

Established on 04.02.2015
RAPA Structure

AdZM Director

Monitoring responsible
- specialist
- Specialist
- Specialist
- Specialist

Management responsible
- Specialist
- Specialist
- specialist

17 ranger
NMP Karaburun Sazan

• The total area is 12,570.82 ha

Natural values
• Posidonia meadows, Coralligenous communities and other vulnerable marine habitats, Fish species, Geological formations, Endangered and protected species and Landscape

Socio-economic values
• Artisanal fisheries, Tourism, and Beaches

Cultural and historical values
• Archaeological and historical remains, Caves with historical scripts, and Historical military remnants
Underwater treasure and unique biodiversity
The economic value of goods and services provided by the marine ecosystems of the MPA (coralligenous formations, *Posidonia meadows*, reefs and open water).

The ecosystem services identified within the perimeter of the MPA:

- **Provisioning services**: Artisanal fisheries
- **Cultural services**: boat excursions: visible wildlife, aesthetic scenery, accessible beaches, sea diving, pescatourism (on board tourism operated by fishers)
- **Regulating services**: sea water quality, carbon storage and climate mitigation, protection against natural hazards
- **Supporting services**: biodiversity, spawning grounds and nursery
The economic value of goods and services provided by the marine ecosystems of the MPA.

The economic value of the KS MPA ecosystem services represents a total of 1,684 billion ALL per year (around 1.250 million euro).

Regulating services represent the most important part of these services (95% of the total value) while the provisioning services and the cultural services represent respectively 2.5% of the total value.

The role of the *Posidonia meadows* is essential to the climate regulation thanks to its ecological function of carbon sequestration.

The preservation of this ecosystem constitute a priority for the management of the MPA.
Services provided by Posidonia meadows

- **Sea Water quality service**
The value of this ecosystem service can be estimated to 970 ALL/ha/year (Around 7.2 euro). At the MPA’s scale, this service is thus valued to 188 207 ALL per year (1425 euro).

- **Climate mitigation and carbon sequestration**
194 ha of Posidonia meadows (1,940 million m²) have been detected within Karaburun-Sazan MPA, which represent a value for the service of carbon storage by this marine ecosystem of 1,606 billion ALL (11,642 million of euros).
MPA

- **Threats include:**
  Degradation of Posidonia meadows, of coralligenous communities, of geological formations and archaeological and historical sites.
- Decreased fish stocks.
- Intensive aquaculture
- Pollution
- Invasive species
Action

Management of PA network

- Improvement of legal framework
- Biodiversity, Cultural heritage and landscape Conservation
- Support of the M.E in developing and implementation of government policy, strategy and program for PA;
- Development and implementation of management plan
- To promote MPA
- To develope sustainable economic activities
- public awareness (sustainable use of natural resources)
- environmental education
- Cooperation with other institution or organizations
- Control of the activities inside the PA
- raising founds from the activities inside the PA
Developing management plan

- Management and business plan
- Financial plan
- Touristic Plan
Awareness activities

• Promoting natural and cultural values of MPA “Karaburun-Sazan”; (Events, fairs, exhibitions ...)

• Promoting sustainable activities in the area;

• Capacity building; (Exchange visits, trainings, workshops etc.)
Awareness activities

The active participation of local stakeholders to the management of the MPA could also guarantee a better preservation of marine ecosystems inside and outside the perimeter of the MPA.
Investment

Improvement of Shen Vasil harbor status

!! Previous status!!
Investment

Improvement of Shen Vasil harbor status

Actual status

Recommandation:
Improvement of harbor for small boat anchor due to difficulties they have to stop and stay on it. Previously this harbor was only by military boats.
Investment

Billboard in the entrance of Orikum
Investment

Information table in Shen Vasil, Shen Jan, Rravene, Brisan
Investment
Investment
Investment

speed Boat ADRIJON
2016 Mapping of Underwater Habitats
2016 mapping of habitats
Hiking trails
Underwater trail
Installation of marker buoys
Investment - in process

Information point
Information point
Self monitoring questionary
Web application

- iVlora, webpage and App in Apple and Android Store
- iVlora app
- Available on the App Store
- Android App on Google Play
- Në bashkëpunim me:
Results

- One new information center;
- A better orientation for touristic operators;
- Local community is more aware of NMP;
- Drafting a new law on protected areas;
- A better collaboration with other institutions;
- Better staff knowledge.
- Exchange experience within the Mediterranean/Part of MedPAN Network
Challenges / Perspectives

• Successfully implementation of the new law on Protected Areas
• Creating a financial mechanism (eg. fee for entrance to the MPA)
• Staff knowledge and education
• Support from NGO-s and other institutions to continues what we started
• Support for the establishment of Sazani Island as an PA and increasing the surface of our MPA
Lobbing for Porto Palermo MPA
Recommendations

• Constant awareness toward the local community;
• Strengthening the collaboration with other institution;
• Continuous Staff training;
• Diversifying financial resources (eg. Participation on EU Project).
Thank you

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