



General Fisheries Commission for the Mediterranean
Commission Générale des Pêches pour la Méditerranée



LaMed-2 Project

Albania country report

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Meeting on:

Mediterranean coastal lagoons
management: interaction between
aquaculture and capture fisheries

Cagliari, Italy, 28-30 June 2011

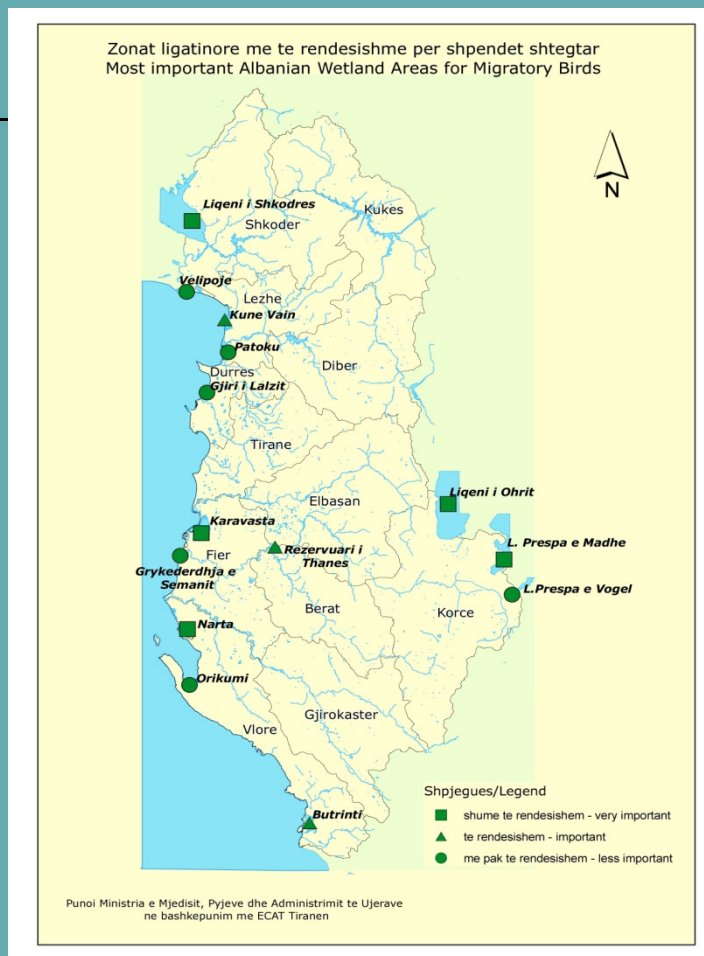


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Distribution of lagoons in ALBANIA





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Numbers of Albania lagoons, Surface

Viluni & Morteme	1244 ha
Kune	250 ha
Vaini	850 ha
Patogu & Mati outlet	4688 ha
Karavasta	9352 ha
Narta	5914 ha
Orikumi	799 ha
Butrinti	2301 ha

for a total of about **25 000 ha**



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Main typologies of coastal lagoons

Albanian lagoons are typically coastal marine lagoons. All them are national resources and are managed from the state.

According to the origin:

- alluvium sedimentation from the rivers:

Viluni, Vaini, Kune, Patogu, Narta, Karavasta lagoons

- tectonic:

Knalla, Orikumi, Butrinti lagoons.



Important coastal lagoons for fisheries and aquaculture

Viluni.....	10 tonnes	. . . . .	Wintering ponds
Vaini.....	64 tonnes		
Kune.....	30 tonnes	. . . . .	Wintering & fattening ponds
Patogu.....	40 tonnes		
Karavasta.....	110 tonnes	. . . . .	Wintering ponds
Narta.....	20 tonnes	. . . . .	Wintering ponds
Orikumi.....	8 tonnes	. . . . .	Wintering ponds
Butrinti.....	8 tonnes fish,	. . . . .	Wintering & fattening ponds
	& 150 tonnes molluscs		



Other activities carried out in coastal lagoons

Viluni Specific flora & fauna, hunting, ecotourism, grazing, etc

Vaini habitat & resource conservation, hunting, forestry, etc

Kune habitat & resource conservation, hunting, forestry, etc

Patogu attraction park, hunting, ecotourism urbanization, grazing, forest, etc

Karavasta peculiarity of fauna & flora, habitat conservation, forestry, hunting, grazing, etc

Narta habitat & resource conservation, hunting, forestry, salt, etc

Orikumi habitat conservation, archaeological site, recreation, etc

Butrinti forest, ecotourism, hunting, habitat & resource conservation, archaeological site, etc



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Environmental issues

Some negative environmental aspects:

- pollution from the urbanization of periphery area in the lagoon.
- over fishing; high pressure from the community around the lagoon, except of those licensed.
- hunting in exceeded parameters.

The presence of ichthyophagous birds like fam. Ardenidae, Phalacrocoracidae, Laridae, Pelicanidae, all them migratory species, except of biodiversity aspect can increase the pressure in the fishery resources. This aspect is under monitoring from the structure of environmental protection but not yet calculated.



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Emerging problems

ICZM implementation

Designation of a separate and specific management plan for each lagoon.

Decreasing pollution from industrial, agricultural and urban sources, pressures from settlements, urbanization and tourist development, hunting, changes in the hydrological regime, diking and flow diversions, hyper eutrophication caused from the hydrological miss balance of the area, the gaps of knowledge.



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development perspectives and interventions by the public administration

- Improving Legislative Acts from the structures acting in lagoon areas (Fisheries, Environment, Tourism).
- Building a Management Structures to govern such areas together with local administration/ organisation/ associations.



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Environmental Status

Viluni	Part of Protected Landscape and <u>Ramsar area</u> , IBA
Vaini	Natural Managed Reserve, IBA
Kune	Natural Managed Reserve, IBA
Patogu	Natural Managed Reserve, IBA
Karavasta	Part of NP Divjaka-Karavasta & <u>Ramsar area</u> , IBA, SPA
Narta	Part of Protected Landscape lad-water, IBA
Orikumi	IBA, SPA
Butrinti	Part of Butrinti NP & <u>Ramsar area</u> , IBA, SPA

IBA (International Bird Area)

SPA (Specific Protected Area)