



## SAM003 - Glyfada marsh

### Wetland description

### Geographical data

<b>Region:</b>	Samos
<b>Regional section:</b>	Voreio Aigaio
<b>Island:</b>	Samos
<b>Municipality:</b>	Samos
<b>Closest settlement:</b>	Iraio
<b>Distance from closest settlement:</b>	2.5 km northeast
<b>Coordinates (WGS84):</b>	26.897008 E - 37.681353 N

### Fundamental data

<b>Wetland location:</b>	1. Marine/Coastal
<b>Wetland category:</b>	Natural
<b>Area:</b>	165.21 hectares
<b>Hydrological interaction with other wetland:</b>	No
<b>Water salinity:</b>	3.Brackish (5.0-18.0 g/l)
<b>Fresh water entry:</b>	Karstic spring
<b>Surface water runoff:</b>	Other
<b>Open water area (%):</b>	< 5
<b>Hydroperiod:</b>	1. Permanent

### Protection status

Category of protection status	Type of protection status	Site name	Code	Coverage (%)	Legislation
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### Other designations

#### CDDA designation

CDDA code	Category
GR28	Protected significant natural formation, protected landscape and landscape elements

#### IUCN PA category

#### Important Bird Area

IBA Code	Site name	Coverage (%)
<u>National Wetland Inventory</u>		
Code	Site name	
GR412342000	Elos Glyfadas	

## Wetland status

**Status (MEDWET):** 3 - Original habitats/landform partially modified (10-50% untouched)

## Property status

Government - Municipal / Private

## Wetland values

- 102 Ground water discharge
- 105 Nutrient retention
- 109 Food chain support
- 110 Wildlife habitat
- 111 Active recreation
- 201 Wildlife resources
- 204 Agricultural resources
- 301 Biological diversity

## Human activities in wetland

Activities	Intensity
100 = Cultivation	High
110 = Use of pesticides	Unknown
120 = Fertilisation	Unknown
190 = Agriculture and forestry activities not referred to above	High
243 = trapping poisoning poaching	Medium
402 = discontinuous urbanisation	Low
421 = disposal of household waste	Low
423 = disposal of inert materials	Medium
430 = Agricultural structures	Low
502 = roads motorways	Low
505 = airport	High
620 = Outdoor sports and leisure activities	Medium
701 = water pollution	Unknown
703 = soil pollution	Low
730 = Military manouevres	Low
802 = reclamation of land from sea estuary or marsh	Medium
803 = infilling of ditches dykes ponds pools marshes or pits	Medium
830 = Canalisation	High

## Human activities in catchment area

Activities	Intensity
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105 = extensive cultivations	Medium
106 = intensive cultivations	Low
107 = tree cultivations	Medium
110 = Use of pesticides	Unknown
120 = Fertilisation	Unknown
130 = Irrigation	Low
140 = Grazing	Unknown
402 = discontinuous urbanisation	Medium
502 = roads motorways	Medium

## Impacts on wetland

Impact type	Intensity
AN- = Increase in noise	Medium
FFO = Disruption of faunal cycle/function other than breeding	Medium
HL- = Habitat loss	High
LU- = Decrease in tourist/recreation potential	Low
LW- = Decrease in wilderness/wildlife values	Low
PFO = Fertiliz./Excess nutrient pollut. of an unknown severity/duration	Unknown
PPO = Pesticide pollution of an unknown severity/duration	Unknown
PSO = Sewage pollution of an unknown severity/duration	Unknown
VP- = Decrease in population of floral species	Medium
WGS = Drainage of swampland	High

## Habitat types

Habitat types	Coverage (%)
1410 Mediterranean salt meadows ( <i>Juncetalia maritimii</i> )	5 - 25
72A0 Reed thickets	76 - 95

## Wetland types (Ramsar)

Wetland type	Coverage (%)
H -- Intertidal marshes; includes salt marshes, salt meadows, salttings, raised salt marshes; includes tidal brackish and freshwater marshes	> 95

## Vegetation

Vegetation type	Coverage (%)
Emergent	76 - 95
Shrubby / Arborescent	< 5
Wet meadow	5 - 25

## Flora

Species	Dominance	Reference
<i>Juncus</i> sp.	Present	N. Georgiadis 18.04.2005
<i>Phragmites australis</i>	Dominant	N. Georgiadis 18.04.2005
<i>Tamarix</i> sp.	Present	N. Georgiadis 18.04.2005

## Fauna

Mammals	Presence in wetland	Reference	
<b>Birds</b>	Number	Nesting status	Reference
Tringa glareola L., 1758	1-10	Άγνωστο	N. Georgiadis 18.04.2005
Ardea alba L., 1758	1-10	Άγνωστο	N. Georgiadis 18.04.2005
Egretta garzetta (L., 1766)	1-10	Άγνωστο	N. Georgiadis 18.04.2005
<b>Reptiles</b>	Presence in wetland	Reference	
<b>Amphibians</b>	Presence in wetland	Reference	
<b>Fishes</b>	Presence in wetland	Reference	
<b>Invertebrates</b>	Presence in wetland	Reference	

## Reference

Zalidis, Ch. G., and A. Mantzavelas (coordinators). 1994. Inventory of Greek wetlands as natural resources (First approach). Greek Biotope/Wetland Centre (EKBY), Thermi. 587pp. (In Greek.)

Catsadorakis, G., and K. Paragamian. 2007. Inventory of the Aegean islands wetlands: Identity, ecological status and threats. World Wide Fund for Nature - WWF Greece, Athens. 392pp. (In Greek.)

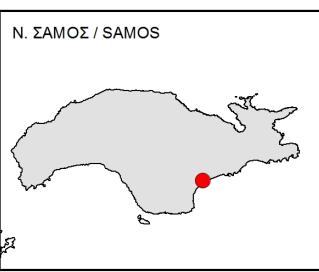




## SAM003 - Έλος Γλυφάδας / Glyfada marsh



Google™



Δορυφορική εικόνα: Google Earth / WGS84 - Satellite image: Google Earth / WGS84

0 215 430 860 1.290 m

Ορια υγρότοπου  
Site boundaries



Ηησιωτικοί υγρότοποι της Ελλάδας - Island wetlands of Greece