



SAM009 - Potami Karlovasou estuary

Wetland description

Geographical data

Region:	Samos
Regional section:	Voreio Aigaio
Island:	Samos
Municipality:	Samos
Closest settlement:	Leka
Distance from closest settlement:	2.6 km northwest
Coordinates (WGS84):	26.664478 E - 37.789706 N

Fundamental data

Wetland location:	1. Marine/Coastal
Wetland category:	Natural
Area:	0.40 hectares
Hydrological interaction with other wetland:	No
Water salinity:	3.Brackish (5.0-18.0 g/l)
Fresh water entry:	Torrent / Stream
Surface water runoff:	Outflow from lakeshore or river
Open water area (%):	26 - 50
Hydroperiod:	1. Permanent

Protection status

Category of protection status	Type of protection status	Site name	Code	Coverage (%)	Legislation
Habitat and species protected area	Special area of conservation	Samos: Oros Kerketefs - Mikro kai Megalo Seitani - Dasos Kastanias kai Lekkas, Akr. Katavasis - Limenas	GR4120003	100	N. 3937/2011 (ΦΕΚ 60/Α/2011)

Other designations

CDDA designation

CDDA code	Category
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IUCN PA category**Important Bird Area**

IBA Code Site name

Coverage (%)

National Wetland Inventory

Code Site name

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

Government - Municipal / Private

Wetland values

106 Shoreline stabilisation

109 Food chain support

110 Wildlife habitat

111 Active recreation

Human activities in wetland**Activities**

190 = Agriculture and forestry activities not referred to above

403 = dispersed habitation

423 = disposal of inert materials

490 = Other urbanisation industrial and similar activities

501 = paths tracks cycling tracks

511 = electricity lines

620 = Outdoor sports and leisure activities

Intensity

Unknown

Medium

Low

Medium

Low

Low

Low

Human activities in catchment area**Activities**

106 = intensive cultivations

107 = tree cultivations

160 = General Forestry management

401 = continuous urbanisation

403 = dispersed habitation

502 = roads motorways

Intensity

Low

Medium

Low

Low

Medium

Low

Impacts on wetland**Impact type**

AN- = Increase in noise

AS- = Loss of scenic value

LW- = Decrease in wilderness/wildlife values

Intensity

Low

Low

Low

Habitat types

Habitat types	Coverage (%)
72A0 Reed thickets	51 - 75
92C0 <i>Platanus orientalis</i> and <i>Liquidambar orientalis</i> woods (<i>Platanion orientalis</i>)	< 5

Wetland types (Ramsar)

Wetland type	Coverage (%)
E -- Sand, shingle or pebble shores; includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	5 - 25
F -- Estuarine waters; permanent water of estuaries and estuarine systems of deltas	51 - 75

Vegetation

Vegetation type	Coverage (%)
Ammophilous	< 5
Emergent	51 - 75
Shrubby / Arborescent	5 - 25

Flora

Species	Dominance	Reference
<i>Arundo donax</i>	Present	M. Michailiadis 07.05.2011
<i>Phragmites australis</i>	Dominant	M. Michailiadis 07.05.2011
<i>Platanus orientalis</i>	Present	M. Michailiadis 07.05.2011
<i>Tamarix</i> sp.	Present	M. Michailiadis 07.05.2011

Fauna

Mammals	Presence in wetland	Reference
Birds	Number	Nesting status
Reptiles	Presence in wetland	Reference
Amphibians	Presence in wetland	Reference
Bufo bufo (Linnaeus, 1758)	Unknown	Ioannides et al. 1994
Fishes	Presence in wetland	Reference
Invertebrates	Presence in wetland	Reference

Reference

Ioannides, Y., M. Dimaki, and A. Dimitropoulos. 1994. The herpetofauna of Samos (Eastern Aegean, Greece). Ann. Mus. Goulondris 9:445–456.

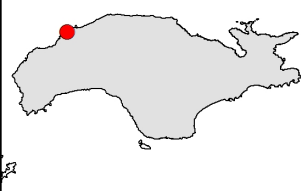




SAM009 - Εκβολή Ποτάμι Καρλοβασου / Potami Karlovasou estuary



Ν. ΣΑΜΟΣ / SAMOS



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

0 12,5 25 50 75 m

Όρια υγρότοπου
Site boundaries



Νησιωτικοί υγρότοποι της Ελλάδας - Island wetlands of Greece