



SAM014 - Chisios estuary

Wetland description

Geographical data

Region:	Samos
Regional section:	Voreio Aigaio
Island:	Samos
Municipality:	Samos
Closest settlement:	Pythagoreio
Distance from closest settlement:	3.1 km east - northeast
Coordinates (WGS84):	26.974849 E - 37.701185 N

Fundamental data

Wetland location:	1. Marine/Coastal
Wetland category:	Natural
Area:	0.82 hectares
Hydrological interaction with other wetland:	No
Water salinity:	5. Salty (> 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
Other	Laws, Presidential Decrees, common ministerial decisions, etc.	Ekvoli ryaka Mytilinion	Y412SAM014	100	Π.Δ. (ΦΕΚ 229/ΑΑΠ/2012)

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): 5 - Original habitats/landform totally changed

Property status

Government - Municipal / Private

Wetland values

103 Flood control
 109 Food chain support
 110 Wildlife habitat
 Other

Human activities in wetland

Activities	Intensity
100 = Cultivation	Medium
220 = Leisure fishing	Low
403 = dispersed habitation	Low
502 = roads motorways	Medium
507 = bridge viaduct	Unknown
511 = electricity lines	Low
852 = modifying structures of inland water courses	High

Human activities in catchment area

Activities	Intensity
105 = extensive cultivations	Medium
107 = tree cultivations	Medium
160 = General Forestry management	Unknown
220 = Leisure fishing	Unknown
402 = discontinuous urbanisation	Low
419 = other industrial / commercial areas	Unknown
430 = Agricultural structures	Unknown
890 = Other human induced changes in hydraulic conditions	High

Impacts on wetland

Impact type	Intensity
FC- = Change in faunal species composition	Unknown
HL- = Habitat loss	High

LA- = Decrease in transport capability	Unknown
LD- = Decrease in sediment removal/retention	Unknown
LF- = Decrease in protection from natural forces	Unknown
LT- = Decrease in toxicant removal/retention	Unknown
LW- = Decrease in wilderness/wildlife values	Unknown
PFO = Fertiliz./Excess nutrient pollut. of an unknown severity/duration	Unknown
VC- = Change in vegetative species composition	Unknown
WR- = Altered flow regime	High

Habitat types

Habitat types	Coverage (%)
72A0 Reed thickets	51 - 75

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	76 - 95

Vegetation

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

Flora

Species	Dominance	Reference
<i>Arundo donax</i>	Present	M. Michailiadis 14.05.2011
<i>Phragmites australis</i>	Present	M. Michailiadis 14.05.2011
<i>Pistacia lentiscus</i>	Present	M. Michailiadis 14.05.2011
<i>Platanus orientalis</i>	Present	M. Michailiadis 14.05.2011

Fauna

Mammals	Presence in wetland	Reference
Birds	Number	Nesting status
		Reference
Reptiles	Presence in wetland	Reference
<i>Mauremys rivulata</i> (Valenciennes, 1833)	Unknown	Ioannides et al. 1994
<i>Natrix natrix</i> (Linnaeus, 1758)	Unknown	Ioannides et al. 1994
Amphibians	Presence in wetland	Reference
<i>Pelophylax bedriagae</i> (Camerano, 1882)	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. Goulandris* 9:445-456.





SAM014 - Εκβολή Χήσιου Ρέματος / Chisios estuary



Google



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



Όρια υγρότοπου
Site boundaries



Νησιωτικοί υγρότοποι της Ελλάδας - Island wetlands of Greece