



SAM013 - Imvrasos estuary

Wetland description

Geographical data

Region:	Samos
Regional section:	Voreio Aigaio
Island:	Samos
Municipality:	Samos
Closest settlement:	Iraio
Distance from closest settlement:	0.5 km northeast
Coordinates (WGS84):	26.884919 E - 37.665721 N

Fundamental data

Wetland location:	1. Marine/Coastal
Wetland category:	Natural
Area:	1.07 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 (%):	5 - 25
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 rematos Imvrasou	Y412SAM013	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):** 3 - Original habitats/landform partially modified (10-50% untouched)**Property status**

Government - Municipal / Private

Wetland values

103 Flood control
 109 Food chain support
 110 Wildlife habitat

Human activities in wetland

Activities	Intensity
100 = Cultivation	Medium
403 = dispersed habitation	Low
502 = roads motorways	Medium
507 = bridge viaduct	High
511 = electricity lines	Low
620 = Outdoor sports and leisure activities	Unknown
701 = water pollution	Unknown
890 = Other human induced changes in hydraulic conditions	High

Human activities in catchment area

Activities	Intensity
105 = extensive cultivations	Medium
107 = tree cultivations	High
160 = General Forestry management	Unknown
403 = dispersed habitation	Low
502 = roads motorways	Medium
505 = airport	Unknown
507 = bridge viaduct	Unknown
701 = water pollution	Unknown
850 = Modification of hydrographic functioning general	Unknown

Impacts on wetland

Impact type	Intensity
AN- = Increase in noise	Unknown

AS- = Loss of scenic value	Medium
HF- = Habitat fragmentation	Low
PFO = Fertiliz./Excess nutrient pollut. of an unknown severity/duration	Unknown

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
Submerged	< 5

Flora

Species	Dominance	Reference
<i>Arundo donax</i>	Present	M. Michailiadis 24.05.2011
<i>Phragmites australis</i>	Dominant	M. Michailiadis 24.05.2011
<i>Scirpus</i> sp.	Present	M. Michailiadis 24.05.2011
<i>Tamarix</i> sp.	Present	M. Michailiadis 24.05.2011

Fauna

Mammals	Presence in wetland	Reference
Birds	Number	Nesting status
Reptiles	Presence in wetland	Reference
<i>Mauremys rivulata</i> (Valenciennes, 1833)	Present	M. Mihaliadis 01.05.2011
Amphibians	Presence in wetland	Reference
<i>Pelophylax bedriagae</i> (Camerano, 1882)	Unknown	Ioannides et al. 1994
Fishes	Presence in wetland	Reference
<i>Mugil cephalus</i> Linnaeus, 1758		M. Mihaliadis 1.5.2011
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.

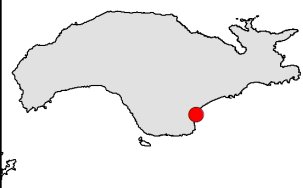




SAM013 - Εκβολή ρέματος Ιμβράσου / Imvrasos estuary



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