



SAM010 - Kerkiteios estuary

Wetland description

Geographical data

Region:	Samos
Regional section:	Voreio Aigaio
Island:	Samos
Municipality:	Samos
Closest settlement:	Neo Karlovasi
Distance from closest settlement:	0.9 km north - northwest
Coordinates (WGS84):	26.700960 E - 37.798946 N

Fundamental data

Wetland location:	1. Marine/Coastal
Wetland category:	Natural
Area:	1.60 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 (%):	51 - 75
Hydroperiod:	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

IUCN PA category

Important Bird Area		
IBA Code	Site name	Coverage (%)

National Wetland Inventory

Code Site name

Wetland status

Status (MEDWET): 4 - Original habitats/landform highly modified (<10% untouched)

Property status

Government - Municipal / Private

Wetland values

- 103 Flood control
- 106 Shoreline stabilisation
- 109 Food chain support
- 110 Wildlife habitat

Human activities in wetland

Activities	Intensity
100 = Cultivation	Low
401 = continuous urbanisation	High
412 = industrial stockage	Medium
421 = disposal of household waste	Low
423 = disposal of inert materials	Low
502 = roads motorways	High
507 = bridge viaduct	High
701 = water pollution	High
820 = Removal of sediments (mud...)	High
850 = Modification of hydrographic functioning general	High

Human activities in catchment area

Activities	Intensity
105 = extensive cultivations	Medium
107 = tree cultivations	Medium
160 = General Forestry management	Unknown
301 = quarries	Unknown
401 = continuous urbanisation	High
403 = dispersed habitation	Unknown
412 = industrial stockage	Unknown
502 = roads motorways	Unknown
507 = bridge viaduct	High
701 = water pollution	Unknown
820 = Removal of sediments (mud...)	High

Impacts on wetland

Impact type

	Intensity
AS- = Loss of scenic value	High
HF- = Habitat fragmentation	High
PFO = Fertiliz./Excess nutrient pollut. of an unknown severity/duration	Unknown
PSO = Sewage pollution of an unknown severity/duration	Unknown
VCD = Loss of floral diversity	High
VP- = Decrease in population of floral species	High
VS- = Change in vegetative structure	High

Habitat types

Habitat types	Coverage (%)
3290 Intermittently flowing Mediterranean rivers of the Paspalo-Agrostidion	5 - 25

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
F -- Estuarine waters; permanent water of estuaries and estuarine systems of deltas	76 - 95

Vegetation

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

Flora

Species	Dominance	Reference
Populus sp.	Present	M. Michailiadis 07.05.2011

Fauna

Mammals	Presence in wetland	Reference	
Birds			
	Number	Nesting status	Reference
Reptiles			
Natrix natrix (Linnaeus, 1758)	Presence in wetland	Reference	
	Unknown	Clark 1989b	
Amphibians			
Fishes			
Invertebrates			

Reference

Clark, R. 1989b. A report on a Herpetological trip to the N.E. Aegean. Herptile 14(2):68-82.





SAT010 - Λιμνοθάλασσα Κουφκί / Koufki lagoon



Google



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

0 30 60 120 180 m

Ορια υγρότοπου
Site boundaries



Ηησιωτικοί υγρότοποι της Ελλάδας - Island wetlands of Greece