



TR221AVS001 - Altinkum Reedbed

Description

Altinkum Reedbed is located on Avşa Island, 3 km southeast of the centre, at Marmara Adalar Municipality. It is the largest of the two wetlands of the island, covering 16.45 ha. It is a coastal wetland, and main water sources are precipitation and underground water. On the surface it is disconnected from the sea by the car roads and settlements and approximately %50 of the original landform was degraded and transformed. Although it is defined as a 'lake' in the spatial plans prepared by the municipality, the wetland is threatened with expanding road constructions, and pollution resulting from solid waste dumping and debris. It was observed that the water is discharged to the sea by pipelines, probably for prevention of flood for the settlements. The dominant vegetation is *Cyperus* sp. and dominant habitat type is beds of large sedges (72B0), whereas Reed thickets (72A0) covers a small part. The wetland is also an important breeding and feeding site with bird species considering the limitation of water sources on the island.

General information

Basic information

Wetland location:	Marine/Coastal
Wetland type:	Marsh / Swamp
Natural / Artificial:	Natural
Area (Ha):	16.4
Hydrological interaction with other wetland:	No -
Water salinity:	Brackish (5.0-18.0 g/l)
Open water area (%):	26 - 50
Hydroperiod:	Permanent

Geographic information

Province:	Balikesir
Municipality:	Marmara Adalar
Island:	Avsa
Coordinates (WGS84):	27.526545 E - 40.493339 N

Wetland condition

Wetland condition:	3 - Original habitats/landform partially modified (10-50% untouched)
---------------------------	--

Ramsar wetland types

Ramsar type	Coverage (%)
E -- Sand, shingle or pebble shores; includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	5 - 25
Ts -- Seasonal/intermittent freshwater marshes/pools on inorganic soils; includes sloughs, potholes, seasonally flooded meadows, sedge marshes	51 - 75

Property status

Government - Municipal / Private

Protection statuses & other designations

Ecosystem Services, Activities & Impacts

Activities on wetland

Activities	Intensity
401 = continuous urbanisation	Medium
440 = Storage of materials	High
501 = paths tracks cycling tracks	Medium
502 = roads motorways	Low
530 = Improved access to site	Low
701 = water pollution	Low
702 = air pollution	Low
703 = soil pollution	High
800 = Landfill land reclamation and drying out general	
810 = Drainage	Low
811 = management of aquatic/vegetation for drainage	Low
860 = Dumping depositing of dredged deposits	Low

Activities on drainage basin

Activities	Intensity
440 = Storage of materials	Medium
501 = paths tracks cycling tracks	Low
502 = roads motorways	Medium
530 = Improved access to site	Medium
700 = Pollution	Medium
800 = Landfill land reclamation and drying out general	Low
853 = management of water levels	Low

Impacts

Impact type	Intensity
AS- = Loss of scenic value	Medium
HF- = Habitat fragmentation	Medium
HL- = Habitat loss	Low
LS- = Decrease in water supply	Low
LW- = Decrease in wilderness/wildlife values	Medium
VC- = Change in vegetative species composition	Low
WG- = Drainage/Reduction of water level	Low
WGT = Lowering of water table	Unknown

Habitats & Vegetation

Habitat types

Habitat types	Coverage (%)
72A0 Reed thickets	5 - 25

72B0 Beds of large sedges

76 - 95

Vegetation types

Vegetation type	Coverage (%)
Emergent	> 95
Floating	26 - 50

Species

Flora

Species	Dominance	Reference
Carex sp.		
Cyperus sp.		
Juncus acutus		
Juncus maritimus		
Juncus subulatus		
Lemna sp.		
Phragmites communis		
Typha sp.		

Fauna

Birds	Population	Nesting status	References
Streptopelia decaocto	1-10	Possible nesting	
Gallinula chloropus	1-10	Possible nesting	
Acrocephalus scirpaceus	1-10	Possible nesting	
Corvus monedula	10-100	Possible nesting	
Delichon urbicum	1-10	Possible nesting	
Hirundo rustica	1-10	Possible nesting	
Parus major	1-10	Possible nesting	
Passer domesticus	1-10	Possible nesting	
Phylloscopus collybita	1-10	Possible nesting	
Sylvia communis	1-10	Possible nesting	

Amphibians	Presence in wetland	References
-		

References

Representative Image & Map

