



## TR221AYV018 - Maden Island Estuary

### Description

Maden Island Estuary is a small estuary located on the eastern coast of Maden Island at Ayvalık Municipality. Although there are no settlements on the island, the eastern coast is comparatively easily accessible by the sea and is used by the local people in summertime for swimming. Due to these recreational activities, the heavy solid waste pollution and degraded vegetation is threatening the wetlands original landforms. 1410 Mediterranean salt meadows (*Juncetalia maritimi*) is the dominant type in the wetland area, whereas 1310 *Salicornia* and other annuals colonizing mud and sand, 1510 \* Mediterranean salt steppes (*Limonietalia*), 2220 Dunes with *Euphorbia terracina* and 5420 *Sarcopoterium spinosum* phryganas also recorded during the field survey.

### General information

#### Basic information

<b>Wetland location:</b>	Marine/Coastal
<b>Wetland type:</b>	River / Stream
<b>Natural / Artificial:</b>	Natural
<b>Area (Ha):</b>	0.1
<b>Hydrological interaction with other wetland:</b>	No -
<b>Water salinity:</b>	Fresh (< 0.5 g/l)
<b>Open water area (%):</b>	< 5
<b>Hydroperiod:</b>	Unknown

#### Geographic information

<b>Province:</b>	Balikesir
<b>Municipality:</b>	Ayvalik
<b>Island:</b>	Maden
<b>Coordinates (WGS84):</b>	26.592274 E - 39.378231 N

#### Wetland condition

<b>Wetland condition:</b>	2 - Original habitats/landform still predominant (>50%)
---------------------------	---

#### Ramsar wetland types

Ramsar type	Coverage (%)
F -- Estuarine waters; permanent water of estuaries and estuarine systems of deltas	> 95

#### Property status

Government - Municipal
------------------------

## Protection statuses & other designations

### Protection status

Protection status category	Protection status subcategory	Site name	Coverage (%)	Legislation
National	Nature Park	Ayvalik Islands Nature Park	100	
National	Natural Protected Area		100	

## Ecosystem Services, Activities & Impacts

### Activities on wetland

Activities	Intensity
690 = Other leisure and tourism impacts not referred to above	Low

### Impacts

Impact type	Intensity
	Medium

## Habitats & Vegetation

### Habitat types

Habitat types	Coverage (%)
1310 Salicornia and other annuals colonizing mud and sand	< 5
1410 Mediterranean salt meadows ( <i>Juncetalia maritimi</i> )	51 - 75
1510 * Mediterranean salt steppes ( <i>Limnietalia</i> )	< 5
2220 Dunes with <i>Euphorbia terracina</i>	< 5
5420 <i>Sarcopoterium spinosum</i> phryganas	< 5

### Vegetation types

Vegetation type	Coverage (%)
Ammophilous	5 - 25
Halophytic	5 - 25
Shrubby / Arborescent	5 - 25
Submerged	< 5
Wet meadow	51 - 75

## Species

## References

## Representative Image & Map

