



GOZ004 - Wied ta' Marsalforn 1

Description

Wied ta' Marsalforn is an artificial dam lake constructed within Wied ta' Marsalforn, located in northern Gozo within the limits of Marsalforn. The site is not easily accessible by the public, however it is possible from a nearby surfaced road. The dam lake covers an approximate area of 1,700m². The purpose of this dam lake is unclear due to the absence of irrigation pipes, however it is likely it had been constructed as a flood mitigation measure. Abandoned agricultural land is present towards the western and southern region of the site, active agricultural land along the western and eastern regions and handful of residential buildings occupy the eastern and northern regions. The eastern basin of the dam lake was dominated by *Eucalyptus gomphocephala*. No important community habitats were noted around the dam lake.

General information

Basic information

Wetland location:	Inland
Wetland type:	Artificial
Natural / Artificial:	Dam lake
Area (Ha):	0.20
Hydrological interaction with other wetland:	Yes - GOZ013/GOZ015/GOZ018/GOZ006
Water salinity:	Fresh (< 0.5 g/l)
Fresh water entry:	Catchment area (precipitation)
Surface water runoff:	Outflow controlled by pipeline
Open water area (%):	> 95
Hydroperiod:	Permanent

Geographic information

Census district:	Gozo and Comino
Island:	Gozo
Local council:	Iz-Zebbug
Coordinates (WGS84):	14.253020 E - 36.060490 N

Biological significance

Biological significance:	Low
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Ramsar wetland types

Ramsar type	Coverage (%)
6 -- Water storage areas; reservoirs/barrages/dams/impoundments (generally over 8 ha)	

Property status

Public

Protection statuses & other designations

Ecosystem Services, Activities & Impacts

Ecosystem Services

Type of Ecosystem service	Ecosystem service	Scale of Benefit	Importance
Provisioning services	Food		
Provisioning services	Fresh water		
Regulatory services	Water regulation		

Activities on wetland

Activities	Intensity
020 = Resource conservation	High
130 = Irrigation	High
790 = Other pollution/human impacts/activities	Medium
910 = Silting up	High

Activities on drainage basin

Activities	Intensity
100 = Cultivation	High
110 = Use of pesticides	High
120 = Fertilisation	High
130 = Irrigation	High
402 = discontinuous urbanisation	Low
430 = Agricultural structures	High
502 = roads motorways	High

Impacts

Impact type	Intensity
ED- = Increase in sediment removal/retention	
EE- = Increase of economic potential	
ES- = Increase in water supply	
PF- = Fertilizer/Excess nutrient pollution	
PP- = Pesticide pollution	
PU- = Increase of turbidity	

Habitats & Vegetation

Vegetation types

Vegetation type	Coverage (%)
Other	26 - 50
Shrubby / Arborescent	5 - 25

Species

Flora

Species	Dominance	Reference
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Eucalyptus gomphocephala

References

Representative Image & Map



