



GOZ006 - Wied ta' Marsalforn 2

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 easily accessible by the public from a nearby surfaced road. The dam lake covers an approximate area of 3,290m². No irrigation pipelines were present throughout the site, thus it is likely the dam lake is not used for irrigational purposes. It is likely the dam had been constructed as a flood mitigation measure for the nearby surfaced road. The site is predominantly surrounded by active agricultural land with a handful of abandoned fields scattered nearby. A population of *Discoclossus pictus* was present throughout the site alongside *Rumex conglomeratus*, *Arum italicum* and *Tamarix* sp. The site is not protected by any legislation.

General information

Basic information

Wetland location:	Inland
Wetland type:	Artificial
Natural / Artificial:	Dam lake
Area (Ha):	0.30
Hydrological interaction with other wetland:	Yes - GOZ013/GOZ015/GOZ018/GOZ004
Water salinity:	Fresh (< 0.5 g/l)
Fresh water entry:	Catchment area (precipitation)
Surface water runoff:	Other
Open water area (%):	5 - 25
Hydroperiod:	Temporary/Intermittent

Geographic information

Census district:	Gozo and Comino
Island:	Gozo
Local council:	Iz-Zebbug
Coordinates (WGS84):	14.250810 E - 36.058660 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	Fresh water		
Regulatory services	Flood hazard regulation		
Regulatory services	Water purification		
Regulatory services	Water regulation		
Supporting services	Provision of habitat		

Activities on wetland

Activities	Intensity
130 = Irrigation	High
701 = water pollution	High
920 = Drying out	High

Activities on drainage basin

Activities	Intensity
100 = Cultivation	High
110 = Use of pesticides	High
120 = Fertilisation	High
130 = Irrigation	High
501 = paths tracks cycling tracks	High
502 = roads motorways	High
701 = water pollution	High
920 = Drying out	High

Impacts

Impact type	Intensity
ES- = Increase in water supply	
PF- = Fertilizer/Excess nutrient pollution	
PP- = Pesticide pollution	

Habitats & Vegetation

Vegetation types

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

Species

Flora

Species	Dominance	Reference
Arum italicum		

Mirabilis jalapa var. odorata

Oxalis pes-caprae

Ricinus communis

Rumex conglomeratus

Tamarix sp.

Fauna

Amphibians

Presence in wetland

References

Discoglossus pictus (Otth, 1837)

References

Representative Image & Map

