



GOZ015 - Wied tal-Grazzja

Description

Wied tal-Grazzja is a valley with a single artificially constructed dam, located in central Gozo, within Rabat. The site is not accessible by the public as there are no passageways or footpaths available, however, the dam lake is visible from a nearby surfaced road. The site covers an approximate area of 3,850m². Due to the site being predominantly surrounded by active agricultural land, it is likely the dam lake is being utilized for irrigation purposes. The site was dominated by *Persicaria senegalensis*, with *Arundo donax*, *Ricinus communis*, *Typha domingensis*, *Galactites tomentosa* and *Tropaeolum majus* L scattered around the basin. The site is not protected by any legislation.

General information

Basic information

Wetland location:	Inland
Wetland type:	Artificial
Natural / Artificial:	Dam lake
Area (Ha):	0.40
Hydrological interaction with other wetland:	Yes - GOZ013/GOZ006/GOZ004
Water salinity:	Fresh (< 0.5 g/l)
Fresh water entry:	Catchment area (precipitation)
Surface water runoff:	Outflow controlled by dam
Open water area (%):	51 - 75
Hydroperiod:	Permanent

Geographic information

Census district:	Gozo and Comino
Island:	Gozo
Local council:	Ir-Rabat, Ghawdex
Coordinates (WGS84):	14.245170 E - 36.049740 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	Water regulation		

Activities on wetland

Activities	Intensity
020 = Resource conservation	Low
130 = Irrigation	High
502 = roads motorways	High
701 = water pollution	High
790 = Other pollution/human impacts/activities	High
910 = Silting up	Medium
952 = eutrophication	High
954 = invasion by a species	High

Activities on drainage basin

Activities	Intensity
100 = Cultivation	High
110 = Use of pesticides	High
120 = Fertilisation	High
130 = Irrigation	High
401 = continuous urbanisation	Medium
430 = Agricultural structures	Low
502 = roads motorways	High
701 = water pollution	High
790 = Other pollution/human impacts/activities	High

Impacts

Impact type	Intensity
EE- = Increase of economic potential	
ER- = Increase in flow regulation	
ES- = Increase in water supply	
PF- = Fertilizer/Excess nutrient pollution	
PO- = Oil pollution	
PP- = Pesticide pollution	
PU- = Increase of turbidity	

Habitats & Vegetation

Vegetation types

Vegetation type	Coverage (%)
Emergent	51 - 75
Other	26 - 50
Wet meadow	26 - 50

Species

Flora

Species	Dominance	Reference
Arundo donax		
Galactites tomentosa		
Persicaria senegalensis		
Ricinus communis		
Tropaeolum majus		
Typha domingensis		

References

Representative Image & Map



