GOZ013 - Wied tal-Ort

Description

Wied ta' l-Ort is a valley with numerous artificially constructed dams, located in central Gozo, within the outskirts of Rabat. The site is not accessible by the public as there are no passageways or footpaths available, however, the dam lakes are visible from a nearby surfaced road. The dam lakes cover an approximate area of 5,800m2. Culverts present within the road indicate the dam lakes are filled by water runoff thus being utilized as a flood mitigation measure. The water collected within the dam lakes are being used for irrigation purposes due to pipelines emerging from nearby agricultural land. The site was dominated by Persicaria senegalensis and Ricinus communis. The site is not protected by any legislation.

General information

Basic information

Wetland location:	Inland
Wetland type:	Artificial
Natural / Artificial:	Dam lake
Area (Ha):	0.60
Hydrological interaction with other wetland:	Yes - GOZ015/GOZ006/GOZ004
Water salinity:	Fresh (< 0.5 g/l)
Fresh water entry:	Catchment area (precipitation)
Surface water runoff:	Outflow controlled by pipeline
Open water area (%):	26 - 50
Hydroperiod:	Permanent

Geographic information

Census district:	Gozo and Comino
Island:	Gozo
Local council:	Ir-Rabat, Ghawdex
Coordinates (WGS84):	14.229500 E - 36.052650 N

Biological significance

Biological significance:	Low

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	Flood hazard regulation		
Regulatory services	Water purification		
Regulatory services	Water regulation		

Activities on wetland

Activities	Intensity
020 = Resource conservation	High
130 = Irrigation	High
701 = water pollution	High
790 = Other pollution/human impacts/activities	High
910 = Silting up	Medium
920 = Drying out	High
954 = invasion by a species	Medium

Activities on drainage basin

Activities	Intensity
100 = Cultivation	High
110 = Use of pesticides	High
120 = Fertilisation	High
130 = Irrigation	High
402 = discontinuous urbanisation	Low
501 = paths tracks cycling tracks	Medium
502 = roads motorways	High
701 = water pollution	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	

Habitats & Vegetation

Vegetation types

Vegetation type	Coverage (%)
Other	5 - 25
Wet meadow	26 - 50

Species

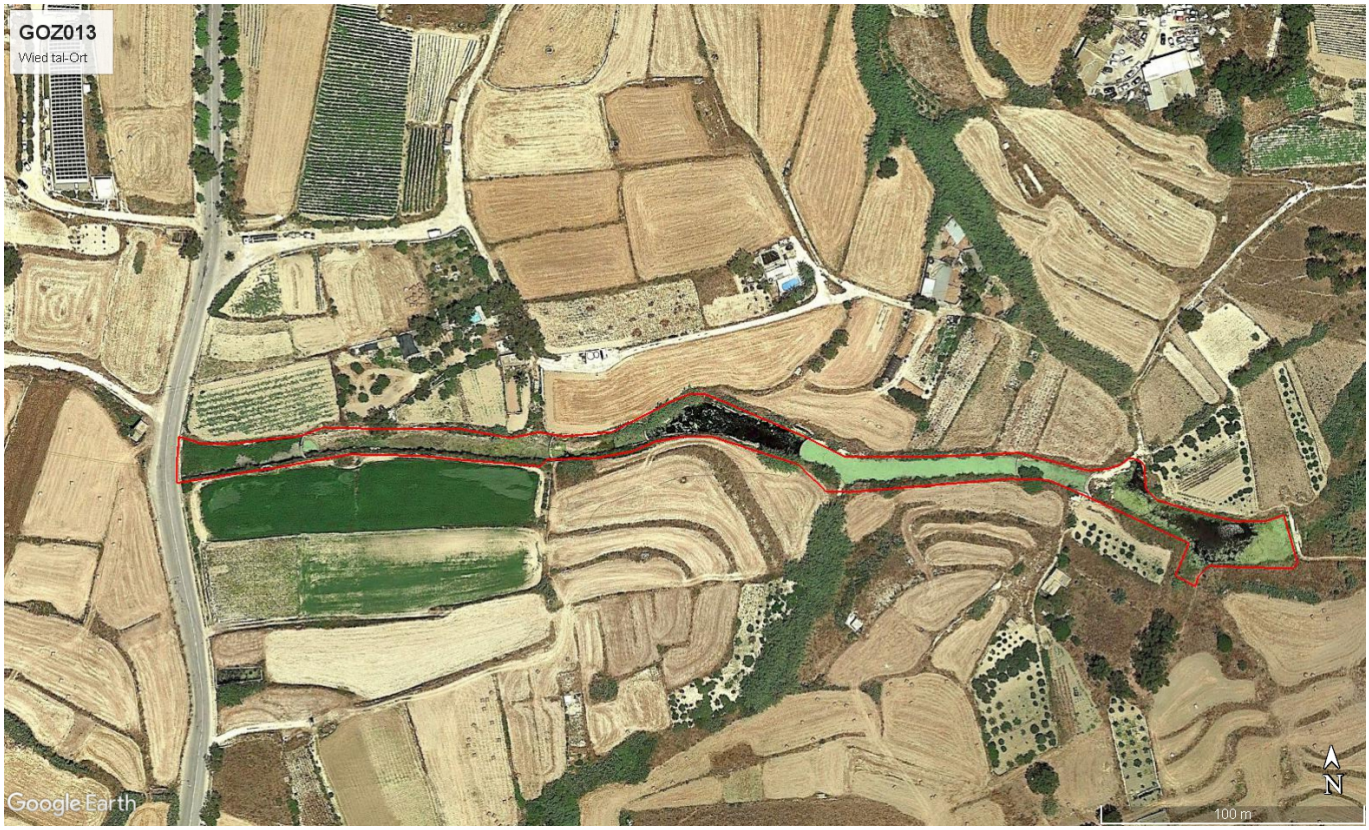
Flora

Species	Dominance	Reference
Persicaria senegalensis		
Ricinus communis		

References

Representative Image & Map




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Wied tal-Ort
Google Earth
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