



MAL059 - Il-Qbiela

Description

Il-Qbiela is a large and elevated, artificially constructed reservoir, intended for irrigation and water storage, located in western Malta within Dingli. The reservoir was constructed in the 1980s out of cement and limestone, is 8.5 metres high and covers an approximate area of 1,040m². The site is not accessible to the public as it can only be accessed through privately-owned agricultural land. The reservoir is predominantly surrounded by agricultural land with numerous pipelines scattered throughout adjacent fields, indicating that it is likely being used for irrigation. Within the basin of the reservoir, *Ceratonia siliqua* and *Ficus carica* are present. The site is not protected by any legislation.

General information

Basic information

Wetland location:	Inland
Wetland type:	Artificial
Natural / Artificial:	Concrete reservoir
Area (Ha):	0.10
Hydrological interaction with other wetland:	No -
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:	Western
Island:	Malta
Local council:	Had-Dingli
Coordinates (WGS84):	14.382510 E - 35.863260 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

Private

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		

Activities on wetland

Activities	Intensity
020 = Resource conservation	High
110 = Use of pesticides	High
120 = Fertilisation	High
130 = Irrigation	High
701 = water pollution	High

Activities on drainage basin

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

Impacts

Impact type	Intensity
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 (%)
Shrubby / Arborescent	5 - 25

Species

References

Representative Image & Map



