



MAL081 - Il-Ghadir

Description

Il-Għadir is a reservoir, intended for irrigation and water storage, located in southern Malta within Iż-Żurriq administrative area, close to Ħal Kirkop. The reservoir is constructed out of limestone blocks and covers an approximate area of 2,275m². The site is accessible through a surfaced storage yard, however, it is located on privately-owned property and is not accessible to the public. The site is predominantly surrounded by agricultural land and it is likely that the reservoirs are being used for the irrigation of these fields. The site is not protected under any legislation.

General information

Basic information

Wetland location:	Inland
Wetland type:	Artificial
Natural / Artificial:	Reservoir
Area (Ha):	0.20
Hydrological interaction with other wetland:	No -
Water salinity:	Fresh (< 0.5 g/l)
Fresh water entry:	Catchment area (precipitation)
Surface water runoff:	Other
Open water area (%):	> 95
Hydroperiod:	Permanent

Geographic information

Census district:	South Eastern
Island:	Malta
Local council:	Iz-Zurriq
Coordinates (WGS84):	14.479250 E - 35.838760 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
130 = Irrigation	High
701 = water pollution	High

Activities on drainage basin

Activities	Intensity
100 = Cultivation	High
110 = Use of pesticides	High
120 = Fertilisation	High
130 = Irrigation	High
502 = roads motorways	High
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

Species

References

Representative Image & Map

