GOZ009 - Ta' Gnien Imrik Pond

Description

Ta' Ġnien Imrik Pond is a natural pond, located in north-western Gozo, between L-Għarb and Ix-Xagħra. This pond covers an area of approximately 2,190m2. The pond is located on privately-owned land, however, it is still accessible to the public through a dirt road. The pond is predominantly surrounded by agricultural land with numerous pipelines scattered throughout, indicating that the pond is used for the irrigation of these fields. Ranunculus saniculifolius, Lemna minor L. and Typha domingensis are present within the pond whilst the basin is heavily invaded by Arundo donax. The site is not protected by any legislation.

General information

Basic information

Wetland location:	Inland
Wetland type:	Natural
Natural / Artificial:	Permanent freshwater pond
Area (Ha):	0.20
Hydrological interaction with other wetland:	No -
Water salinity:	Fresh (< 0.5 g/l)
Fresh water entry:	Other
Surface water runoff:	Outflow controlled by pipeline
Open water area (%):	76 - 95
Hydroperiod:	Permanent

Geographic information

Census district:	Gozo and Comino
Island:	Gozo
Local council:	Ix-Xaghra
Coordinates (WGS84):	14.257530 E - 36.054780 N

Wetland condition

Wetland condition:	3 - Original habitats/landform partially modified (10-50% untouched)

Ramsar wetland types

Ramsar type	Coverage (%)
Tp -- Permanent freshwater marshes/pools; ponds (below 8 ha), marshes and swamps on inorganic soils; with emergent vegetation water-logged for at least most of the growing season	

Property status

Private

Protection statuses & other designations

Ecosystem Services, Activities & Impacts

Ecosystem Services

Type of Ecosystem service	Ecosystem service	Scale of Benefit	Importance
Cultural services	Recreation and tourism		
Provisioning services	Food		
Provisioning services	Fresh water		
Regulatory services	Flood hazard regulation		
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	Medium
952 = eutrophication	Low
954 = invasion by a species	Low

Activities on drainage basin

Activities	Intensity
100 = Cultivation	High
110 = Use of pesticides	High
120 = Fertilisation	High
130 = Irrigation	High
230 = Hunting	Low
403 = dispersed habitation	Low
502 = roads motorways	High
701 = water pollution	High
954 = invasion by a species	Low

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 (%)
Emergent	51 - 75
Floating-leaved	5 - 25

Species

Flora

Species	Dominance	Reference
Arundo donax		
Lemna minor		

References

Representative Image & Map




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