MAL071 - Tas-Salvatur

Description

Tas-Salvatur is a disused quarry that is being used as a reservoir for water storage and irrigation, located in south-western Malta between Siġġiewi and L-Imqabba. The quarry is owned by the government and has been inactive for over 35 years. It covers an approximate area of 1,150m2 and is capable of holding a maximum of 5 metres of water in height before water is lost through crevasses. The site is accessible by a dirt pathway from a main road. The site is predominantly surrounded by agricultural fields, however, an active quarry lies directly south of the Tas-Salvatur disused quarry. No important community habitats were recorded. Cupressus sempervirens, Opuntia ficus-indica and Capparis orientalis are present growing on the quarry's walls alongside other rudimental vegetation. The site is not protected by any legislation.

General information

Basic information

Wetland location:	Inland
Wetland type:	Artificial
Natural / Artificial:	Excavations/gravel/brick/clay pit pool
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:	Other
Open water area (%):	76 - 95
Hydroperiod:	Permanent

Geographic information

Census district:	Western
Island:	Malta
Local council:	Is-Siggiewi
Coordinates (WGS84):	14.455790 E - 35.850040 N

Biological significance

Biological significance:	Low

Ramsar wetland types

Ramsar type	Coverage (%)
7 -- Excavations; gravel/brick/clay pits; borrow pits, mining pools	

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	Flood hazard regulation		
Regulatory services	Water regulation		

Activities on wetland

Activities	Intensity
301 = quarries	Low
701 = water pollution	High
703 = soil pollution	High
910 = Silting up	Medium

Activities on drainage basin

Activities	Intensity
100 = Cultivation	High
110 = Use of pesticides	High
120 = Fertilisation	High
130 = Irrigation	High
301 = quarries	Medium
424 = other discharges	High
430 = Agricultural structures	High
701 = water pollution	High
703 = soil pollution	High

Impacts

Impact type	Intensity
ES- = Increase in water supply	
EW- = Increase in wilderness/wildlife values	
PF- = Fertilizer/Excess nutrient pollution	
PP- = Pesticide pollution	

Habitats & Vegetation

Species

References

Representative Image & Map




MAL071
Tas-Salvatur
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